

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027137.D
 Acq On : 23 Feb 2022 11:28
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 23 12:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:34:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	89117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	21475	19.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.780%#		
35) Dibromofluoromethane	5.391	113	17869	20.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.240%#		
50) Toluene-d8	8.653	98	67203	21.052	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.100%#		
62) 4-Bromofluorobenzene	11.086	95	25505	22.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	44.400%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16996	17.797	ug/l	95
3) Chloromethane	1.295	50	16425	18.322	ug/l	99
4) Vinyl Chloride	1.380	62	15730	16.911	ug/l	100
5) Bromomethane	1.605	94	9669	24.572	ug/l	100
6) Chloroethane	1.691	64	9711	19.631	ug/l	98
7) Trichlorofluoromethane	1.892	101	24805	18.033	ug/l	99
8) Diethyl Ether	2.136	74	8895	17.460	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	17495	19.165	ug/l	97
10) Methyl Iodide	2.459	142	22751	19.220	ug/l	97
11) Tert butyl alcohol	2.959	59	20101	101.505	ug/l	96
12) 1,1-Dichloroethene	2.325	96	17208	18.901	ug/l	91
13) Acrolein	2.240	56	17138	94.595	ug/l	99
14) Allyl chloride	2.672	41	29460	18.264	ug/l	95
15) Acrylonitrile	3.069	53	54467	97.941	ug/l	99
16) Acetone	2.380	43	47295	99.915	ug/l	94
17) Carbon Disulfide	2.520	76	43124	16.932	ug/l	98
18) Methyl Acetate	2.709	43	24172	17.918	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	58658	18.198	ug/l	100
20) Methylene Chloride	2.794	84	18688	18.286	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	18469	19.244	ug/l	94
22) Diisopropyl ether	3.764	45	59515	18.382	ug/l	93
23) Vinyl Acetate	3.727	43	251728	92.426	ug/l	96
24) 1,1-Dichloroethane	3.617	63	33097	18.807	ug/l	99
25) 2-Butanone	4.562	43	76049	99.834	ug/l	96
26) 2,2-Dichloropropane	4.483	77	23110	19.244	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	21331	19.311	ug/l	94
28) Bromochloromethane	4.904	49	13966	19.139	ug/l	91
29) Tetrahydrofuran	5.007	42	50996	98.709	ug/l	97
30) Chloroform	5.099	83	34216	18.656	ug/l	99
31) Cyclohexane	5.477	56	31040	18.328	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	29481	18.311	ug/l	99
36) 1,1-Dichloropropene	5.702	75	25174	18.721	ug/l	98
37) Ethyl Acetate	4.721	43	28610	18.860	ug/l	97
38) Carbon Tetrachloride	5.684	117	26282	18.625	ug/l	95
39) Methylcyclohexane	7.385	83	30874	18.739	ug/l	97
40) Benzene	6.044	78	74374	18.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15653	19.009	ug/l	96
42) 1,2-Dichloroethane	6.093	62	26775	19.417	ug/l	96
43) Isopropyl Acetate	6.342	43	43366	18.595	ug/l	98
44) Trichloroethene	7.129	130	21771	18.536	ug/l	94
45) 1,2-Dichloropropane	7.434	63	18563	18.753	ug/l	94
46) Dibromomethane	7.586	93	13255	19.262	ug/l	95
47) Bromodichloromethane	7.824	83	25579	19.494	ug/l	99
48) Methyl methacrylate	7.696	41	21249	18.348	ug/l	95
49) 1,4-Dioxane	7.665	88	9986	478.586	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	146704	102.098	ug/l	97
52) Toluene	8.720	92	48312	19.379	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24997	19.484	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	28632	19.686	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	19409	20.461	ug/l	96
56) Ethyl methacrylate	9.116	69	29698	19.753	ug/l	93
57) 1,3-Dichloropropane	9.311	76	32428	19.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	69948	92.733	ug/l	97
59) 2-Hexanone	9.433	43	112468	106.155	ug/l	96
60) Dibromochloromethane	9.525	129	19842	20.324	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20522	20.416	ug/l	99
64) Tetrachloroethene	9.275	164	22914	18.039	ug/l	96
65) Chlorobenzene	10.080	112	51616	19.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18828	19.222	ug/l	99
67) Ethyl Benzene	10.195	91	91667	19.441	ug/l	99
68) m/p-Xylenes	10.305	106	71790	39.377	ug/l	96
69) o-Xylene	10.640	106	35634	19.925	ug/l	95
70) Styrene	10.659	104	57471	19.727	ug/l	98
71) Bromoform	10.799	173	13793	19.988	ug/l #	99
73) Isopropylbenzene	10.964	105	91430	18.770	ug/l	98
74) N-amyl acetate	10.848	43	34736	17.880	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	27229	20.214	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	26221m	19.262	ug/l	
77) Bromobenzene	11.201	156	22232	18.998	ug/l	95
78) n-propylbenzene	11.305	91	103989	19.175	ug/l	99
79) 2-Chlorotoluene	11.366	91	63395	18.864	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	77025	19.082	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7272	18.372	ug/l	98
82) 4-Chlorotoluene	11.457	91	72521	19.242	ug/l	98
83) tert-Butylbenzene	11.720	119	74131	19.190	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	77059	18.913	ug/l	97
85) sec-Butylbenzene	11.890	105	93361	19.101	ug/l	98
86) p-Isopropyltoluene	12.012	119	79946	19.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41789	19.379	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42628	19.598	ug/l	99
89) n-Butylbenzene	12.335	91	65438	19.229	ug/l	99
90) Hexachloroethane	12.543	117	11531	19.037	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	41428	19.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6092	18.678	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	25914	19.734	ug/l	99
94) Hexachlorobutadiene	13.725	225	10581	19.110	ug/l	99
95) Naphthalene	13.774	128	90517	19.773	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25663	19.322	ug/l	96

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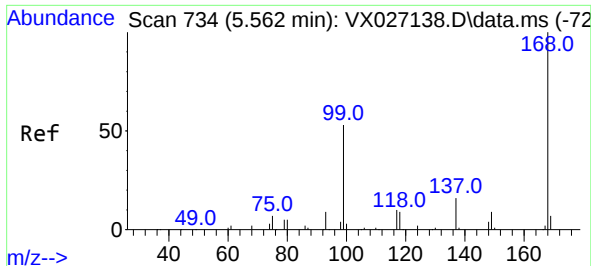
Manual Integrations
APPROVED

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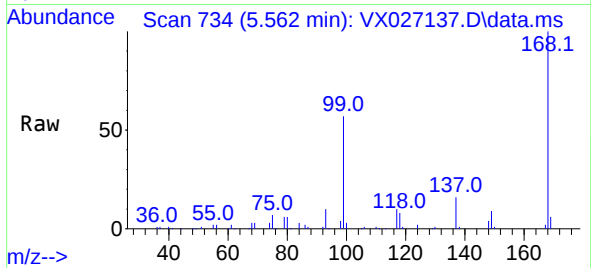
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027137.D
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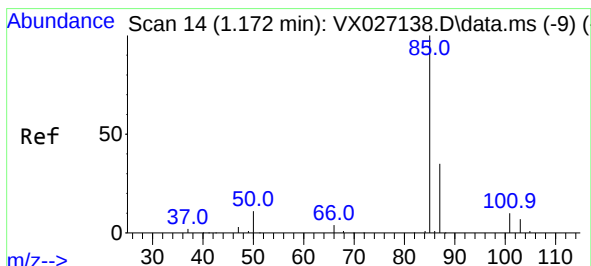
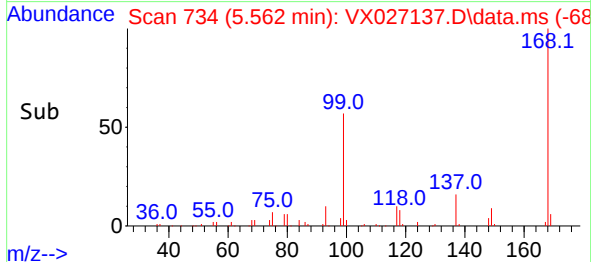
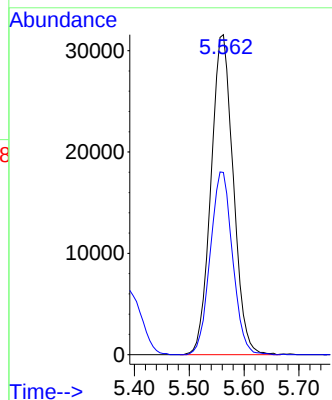
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8911
Ion Ratio Lower Upper
168 100
99 57.0 50.3 75.5

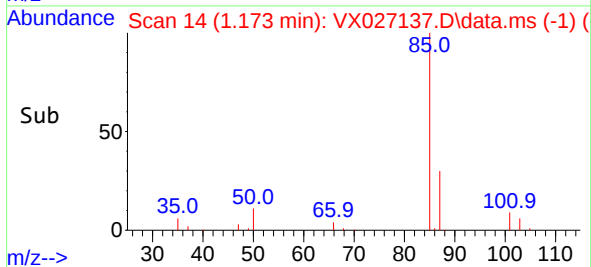
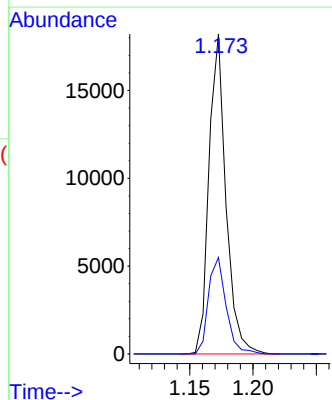
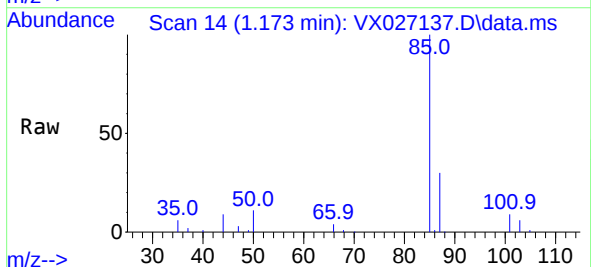
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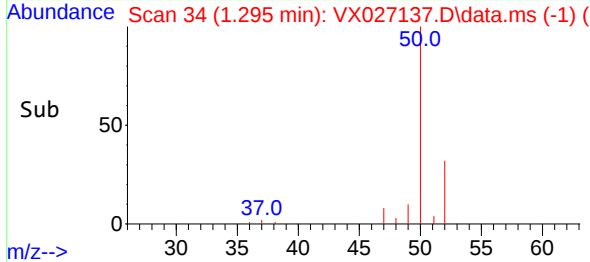
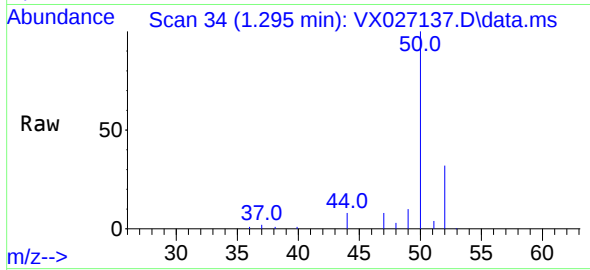
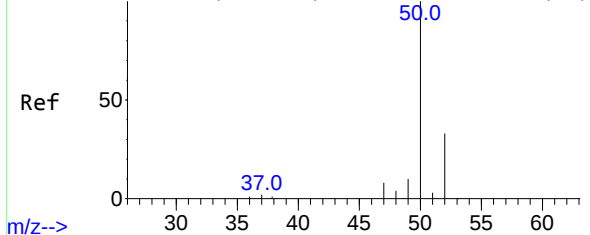


#2
Dichlorodifluoromethane
Concen: 17.797 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 85 Resp: 16996
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.1



Abundance Scan 34 (1.294 min): VX027138.D\data.ms (-29)



#3

Chloromethane

Concen: 18.322 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 50 Resp: 1642

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1

Instrument :

MSVOA_X

ClientSampleId :

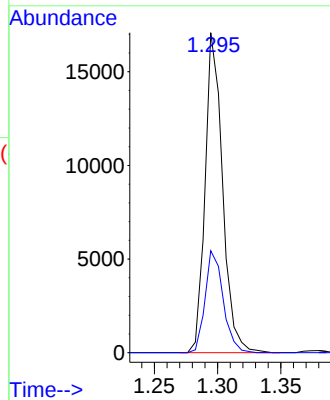
VSTDICC020

Manual Integrations

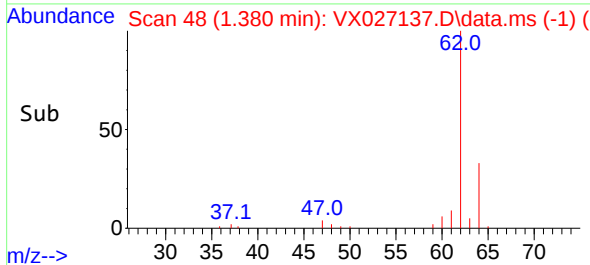
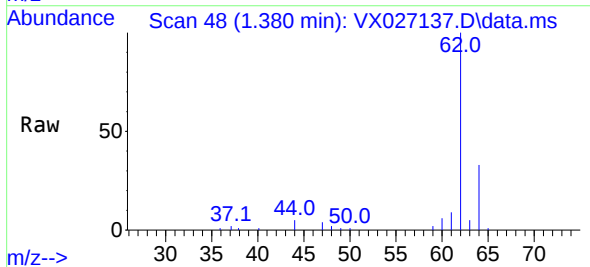
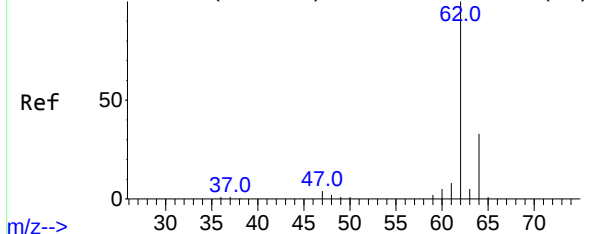
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Abundance Scan 48 (1.380 min): VX027138.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 16.911 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX027137.D

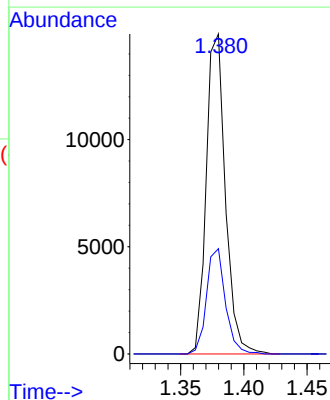
Acq: 23 Feb 2022 11:28

Tgt Ion: 62 Resp: 15730

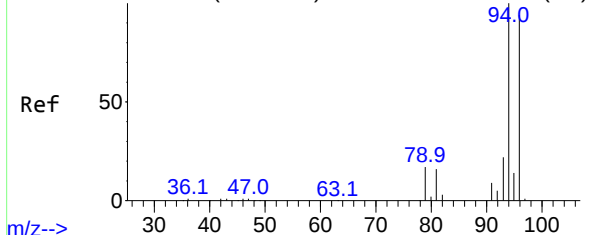
Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.2



Abundance Scan 84 (1.599 min): VX027138.D\data.ms (-80)



#5

Bromomethane

Concen: 24.572 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 966

Ion Ratio Lower Upper

94 100

96 95.0 75.9 113.9

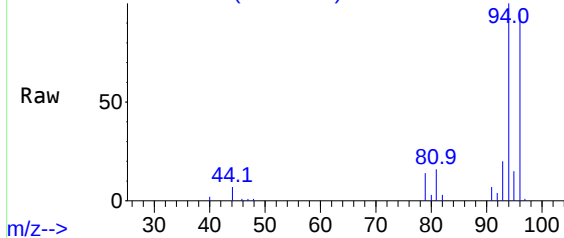
Manual Integrations

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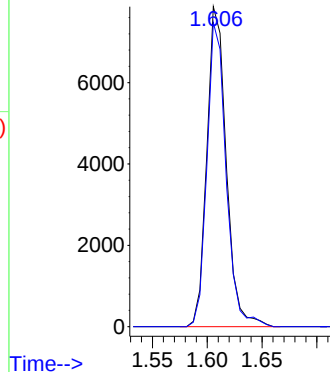
Reviewed By :John Carlone 02/24/2022

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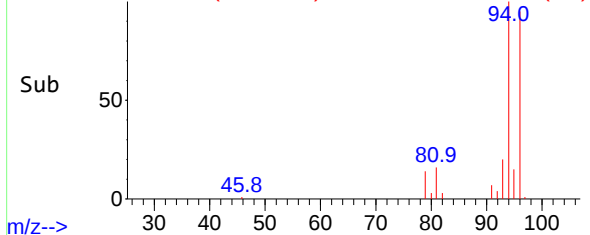
Abundance Scan 85 (1.605 min): VX027137.D\data.ms



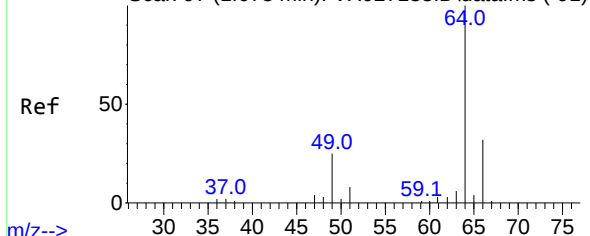
Abundance



Abundance Scan 85 (1.605 min): VX027137.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 19.631 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

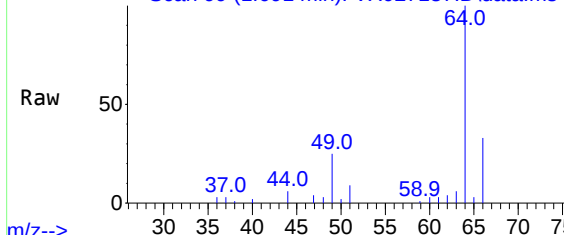
Tgt Ion: 64 Resp: 9711

Ion Ratio Lower Upper

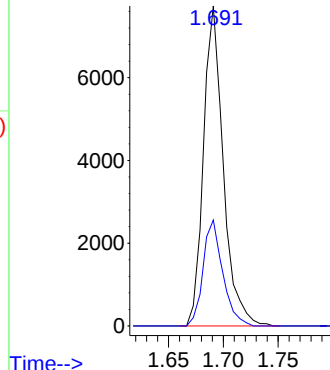
64 100

66 33.1 25.4 38.2

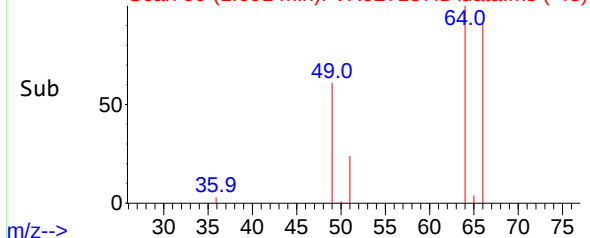
Abundance Scan 99 (1.691 min): VX027137.D\data.ms



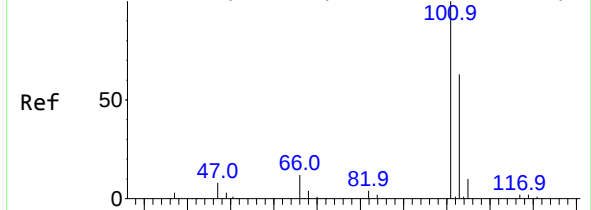
Abundance



Abundance Scan 99 (1.691 min): VX027137.D\data.ms (-48)



Abundance Scan 131 (1.886 min): VX027138.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 18.033 ug/l

RT: 1.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027137.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:101 Resp: 2480

Ion Ratio Lower Upper

101 100

103 64.9 51.3 76.9

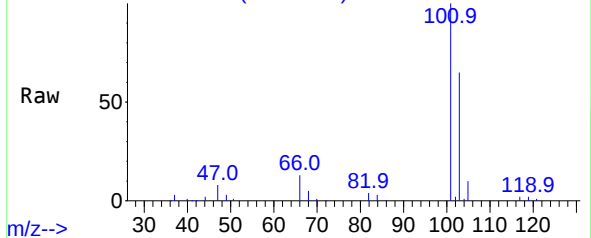
Manual Integrations

APPROVED

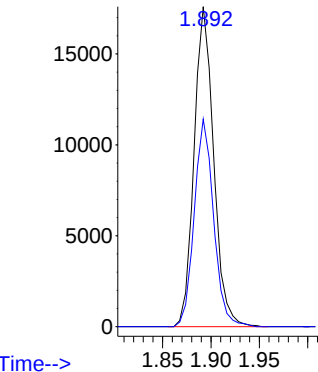
Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022

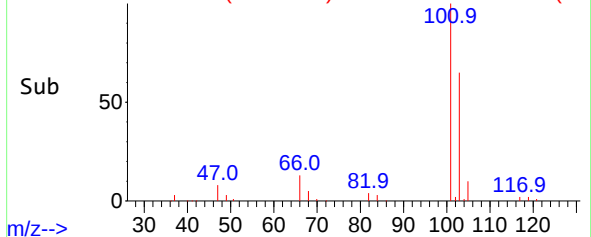
Abundance Scan 132 (1.892 min): VX027137.D\data.ms



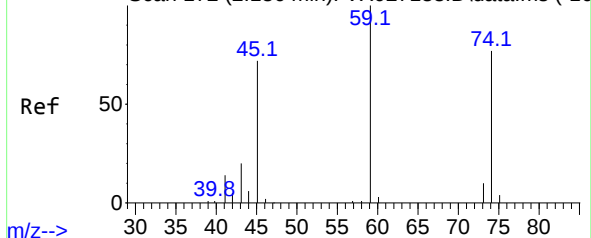
Abundance



Abundance Scan 132 (1.892 min): VX027137.D\data.ms (-82



Abundance Scan 172 (2.136 min): VX027138.D\data.ms (-16



#8

Diethyl Ether

Concen: 17.460 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

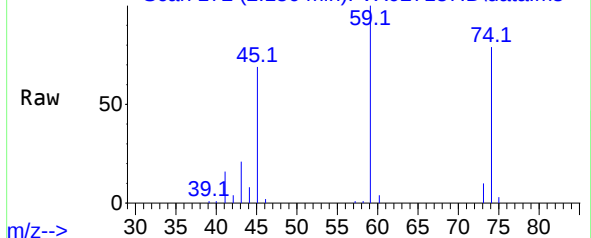
Tgt Ion: 74 Resp: 8895

Ion Ratio Lower Upper

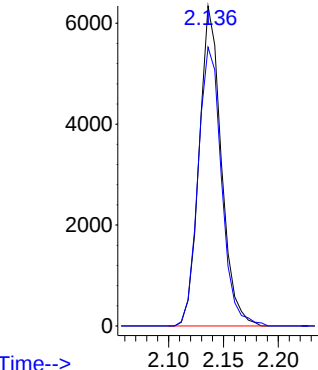
74 100

45 92.2 50.7 152.1

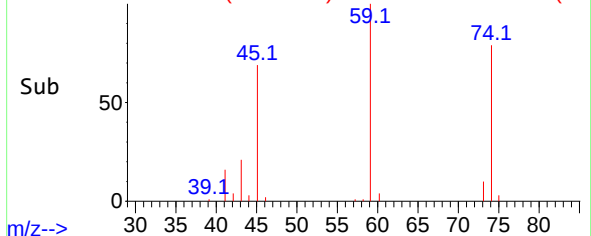
Abundance Scan 172 (2.136 min): VX027137.D\data.ms

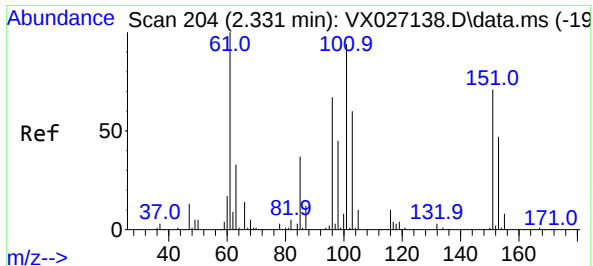


Abundance



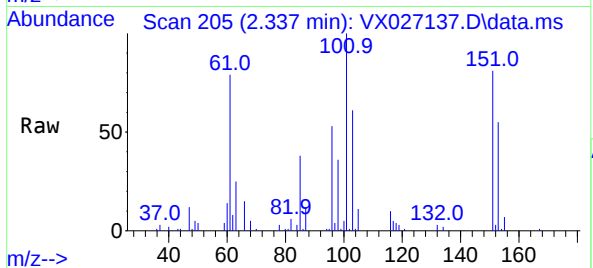
Abundance Scan 172 (2.136 min): VX027137.D\data.ms (-12





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.165 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

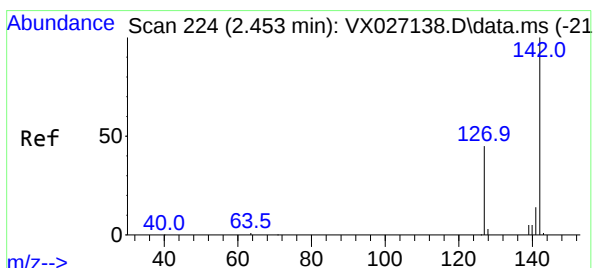
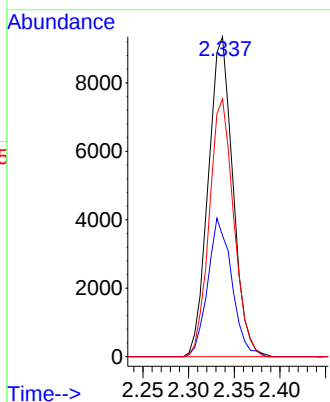
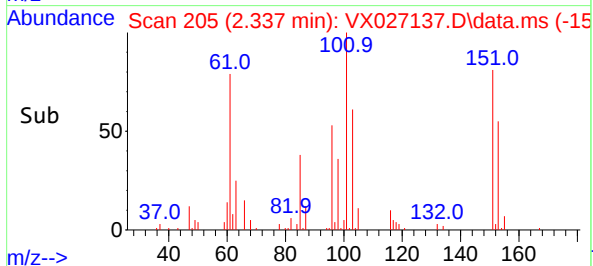
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



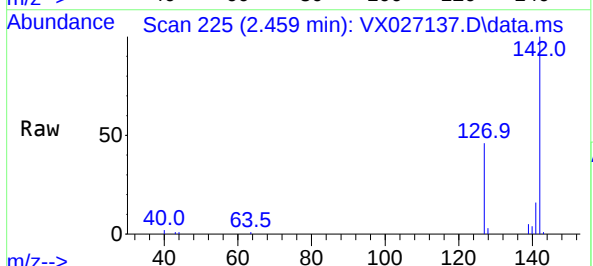
Tgt Ion:101 Resp: 1749
Ion Ratio Lower Upper
101 100
85 42.4 35.3 52.9
151 80.1 61.4 92.2

Manual Integrations
APPROVED

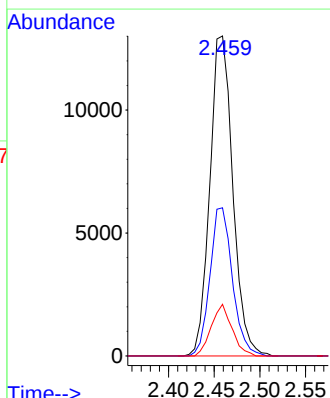
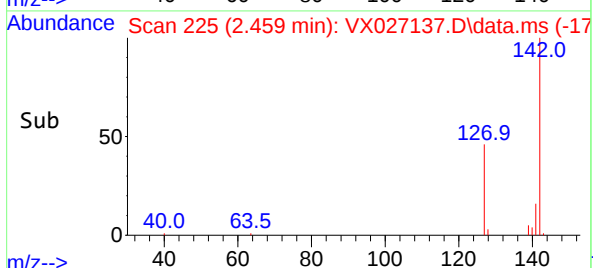
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

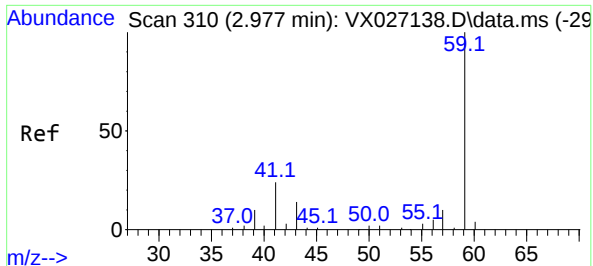


#10
Methyl Iodide
Concen: 19.220 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion:142 Resp: 22751
Ion Ratio Lower Upper
142 100
127 45.3 38.1 57.1
141 14.6 11.2 16.8





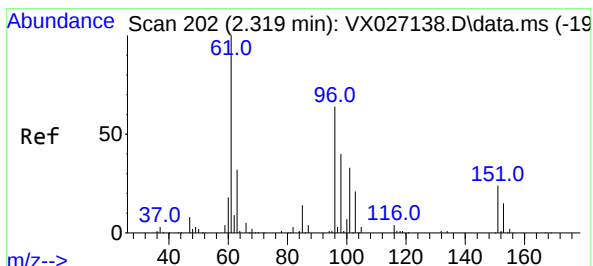
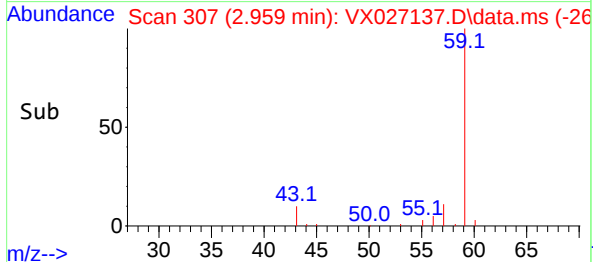
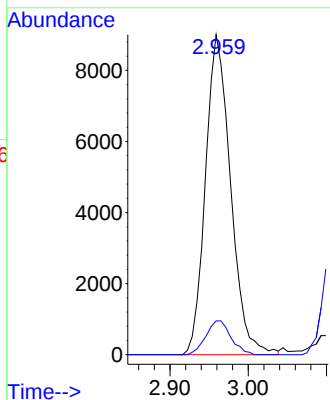
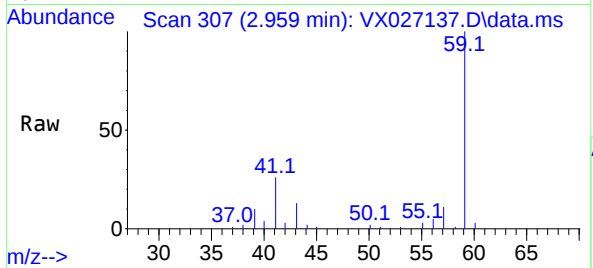
#11
Tert butyl alcohol
Concen: 101.505 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 2010
Ion Ratio Lower Upper
59 100
57 10.5 7.2 10.8

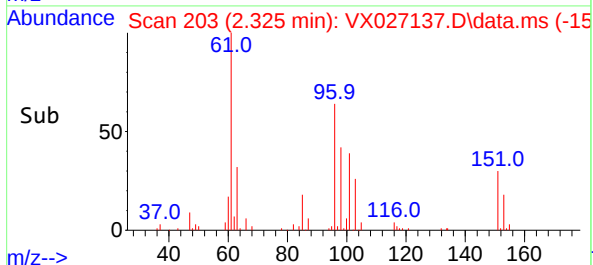
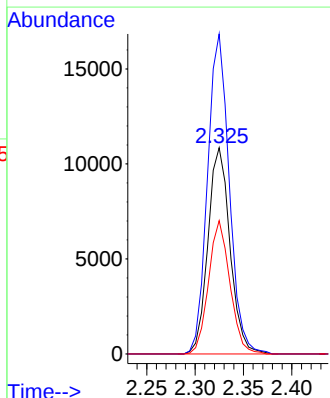
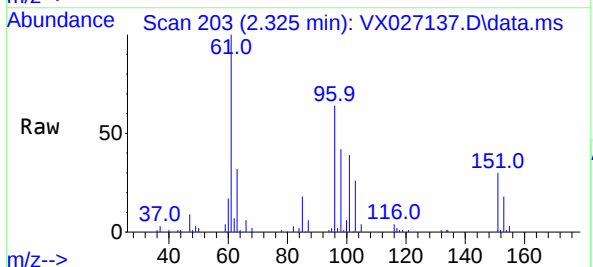
Manual Integrations
APPROVED

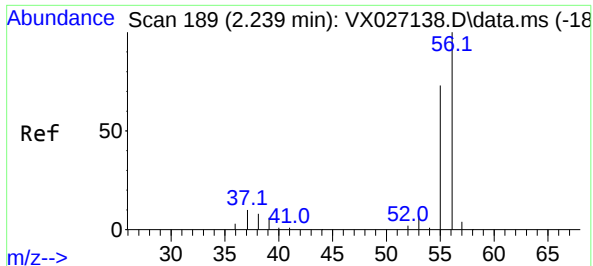
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#12
1,1-Dichloroethene
Concen: 18.901 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 96 Resp: 17208
Ion Ratio Lower Upper
96 100
61 155.2 138.5 207.7
98 64.7 51.8 77.6





#13
Acrolein
Concen: 94.595 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

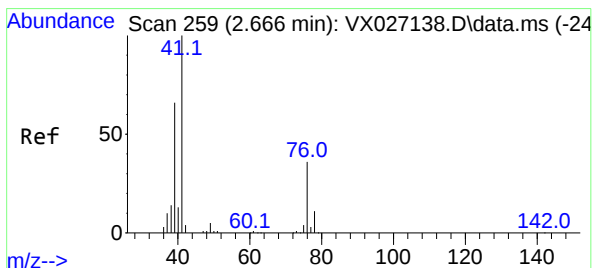
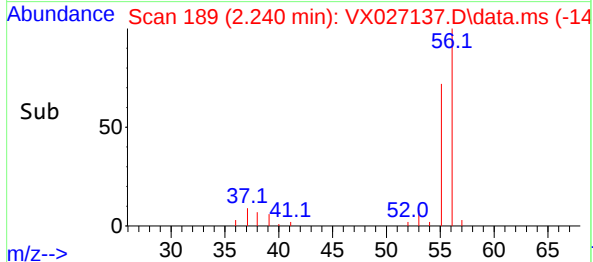
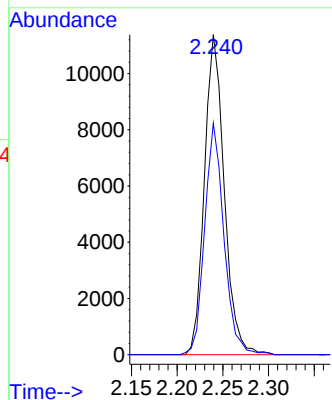
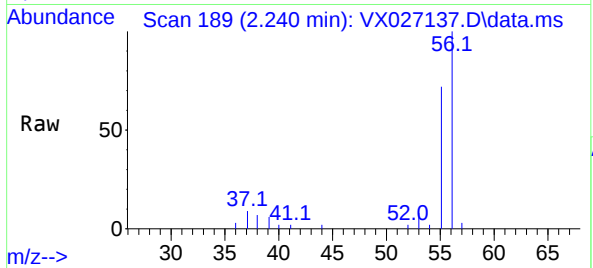
VSTDICC020

Tgt Ion: 56 Resp: 17138
Ion Ratio Lower Upper
56 100
55 70.4 56.9 85.3

Manual Integrations

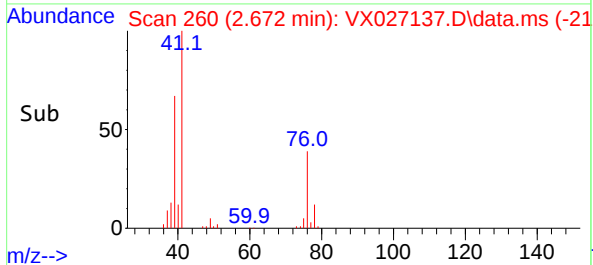
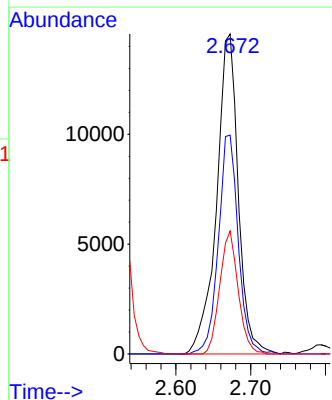
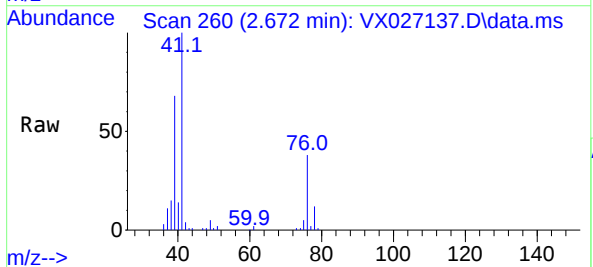
APPROVED

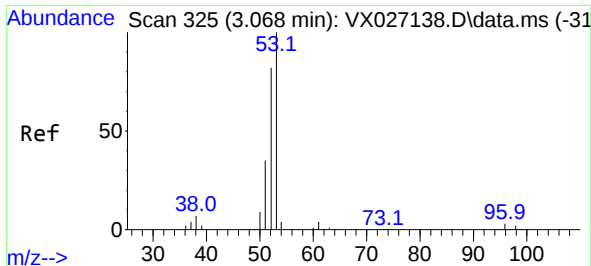
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#14
Allyl chloride
Concen: 18.264 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 41 Resp: 29460
Ion Ratio Lower Upper
41 100
39 62.8 54.2 81.4
76 32.5 25.2 37.8





#15

Acrylonitrile

Concen: 97.941 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 5446

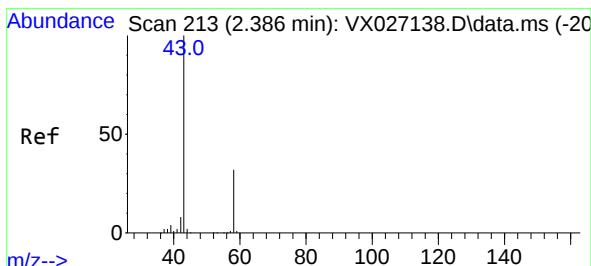
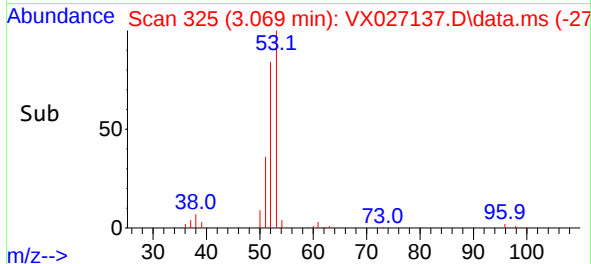
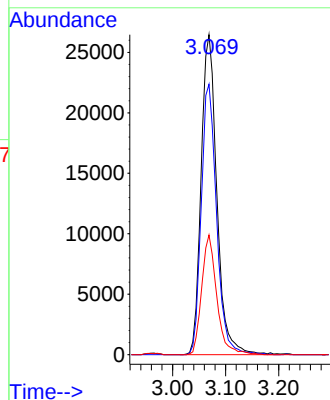
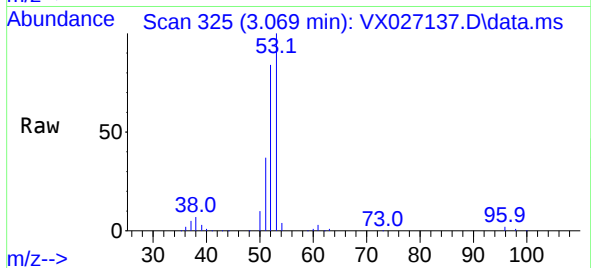
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	100.0
51	35.9	29.5	44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#16

Acetone

Concen: 99.915 ug/l

RT: 2.380 min Scan# 212

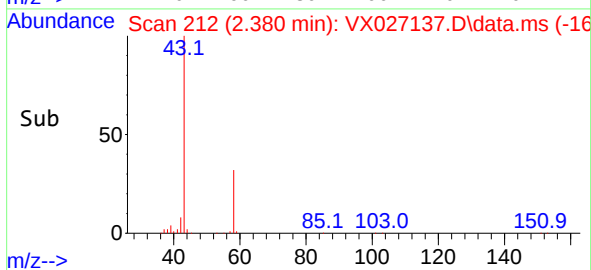
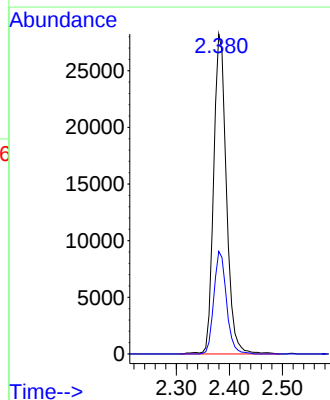
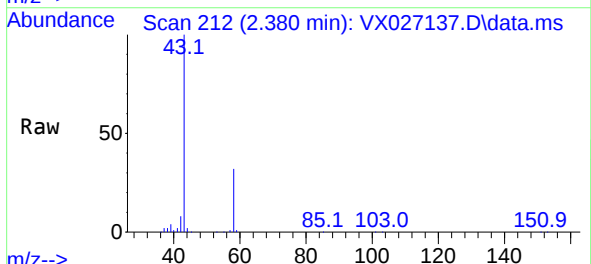
Delta R.T. -0.006 min

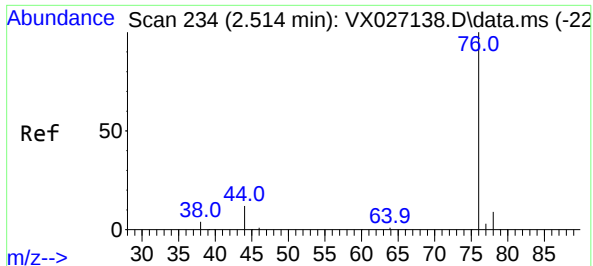
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 43 Resp: 47295

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.0	34.6





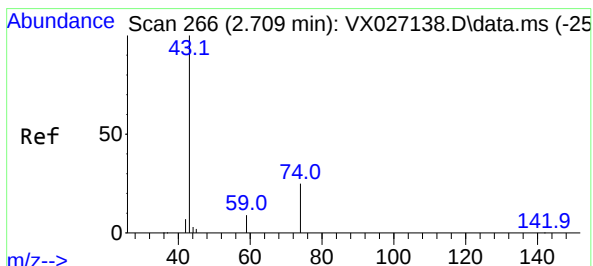
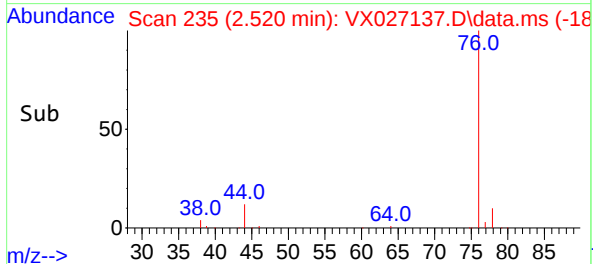
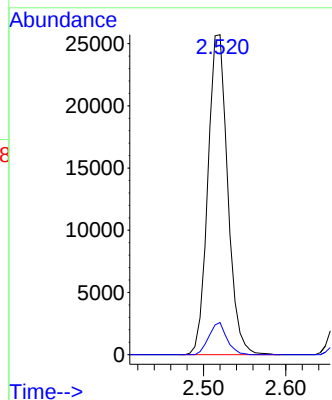
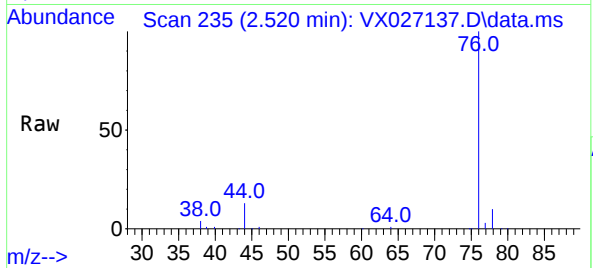
#17
Carbon Disulfide
Concen: 16.932 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 43124
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

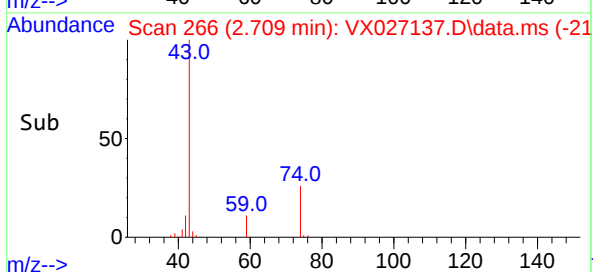
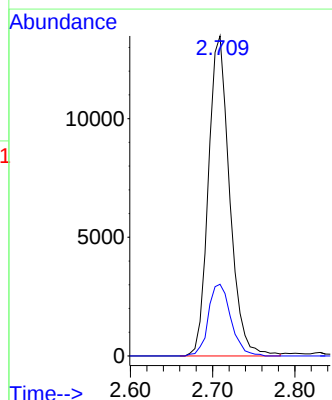
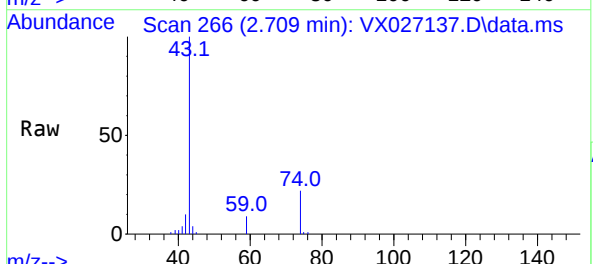
Manual Integrations
APPROVED

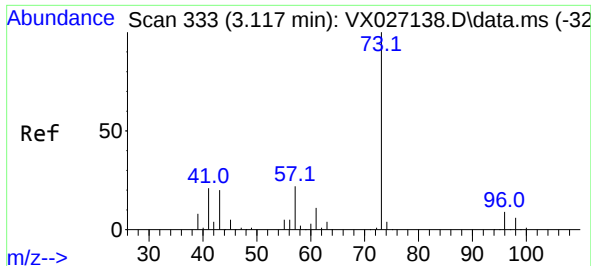
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
Methyl Acetate
Concen: 17.918 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 43 Resp: 24172
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5





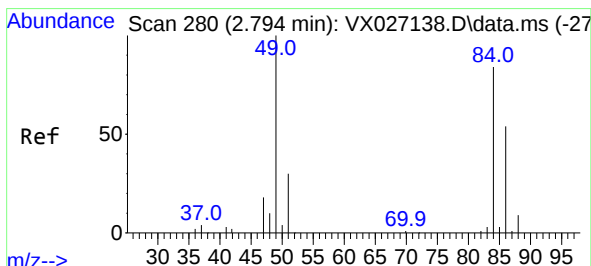
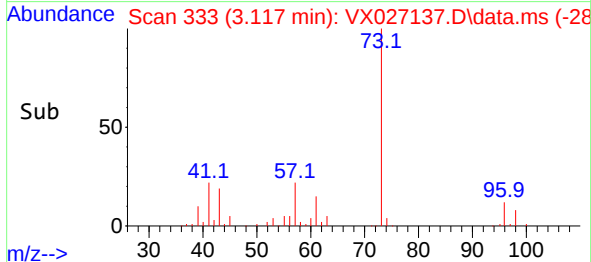
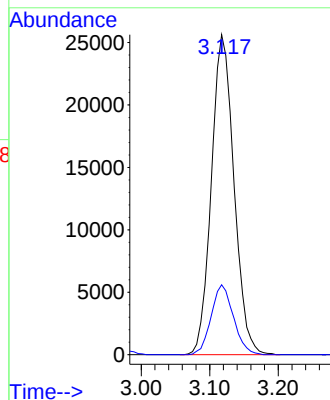
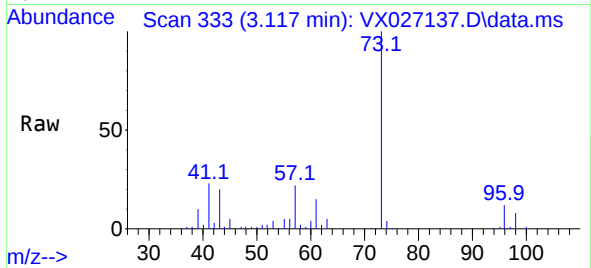
#19
Methyl tert-butyl Ether
Concen: 18.198 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 5865
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

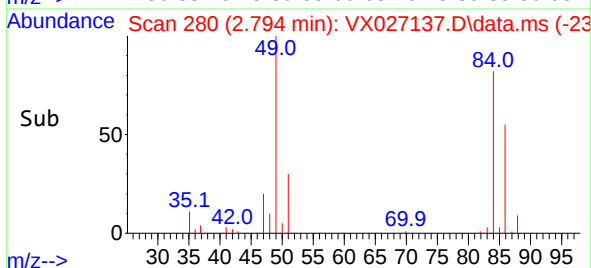
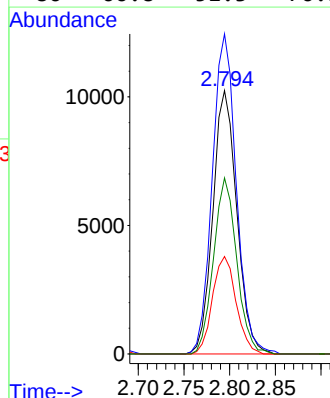
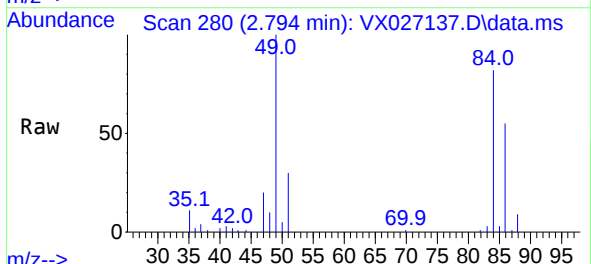
Manual Integrations
APPROVED

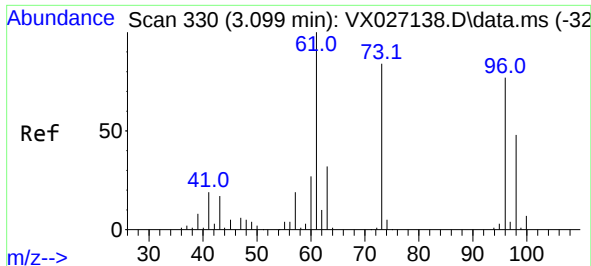
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#20
Methylene Chloride
Concen: 18.286 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

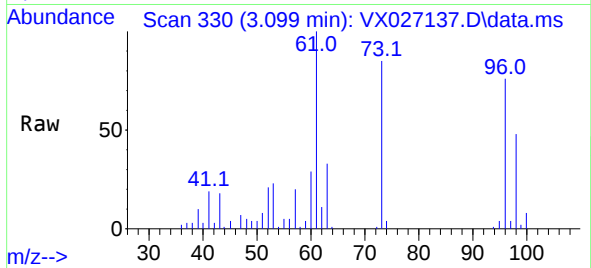
Tgt Ion: 84 Resp: 18688
Ion Ratio Lower Upper
84 100
49 121.5 101.5 152.3
51 37.0 31.2 46.8
86 66.8 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.244 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

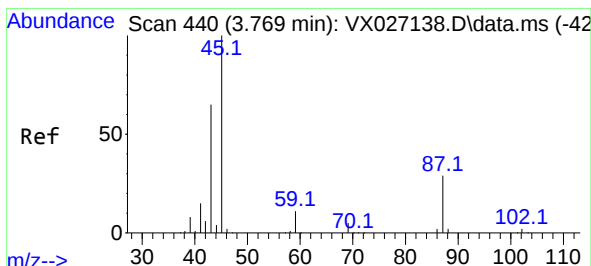
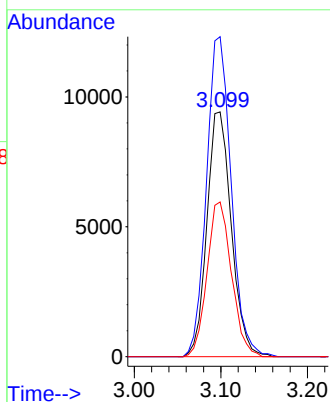
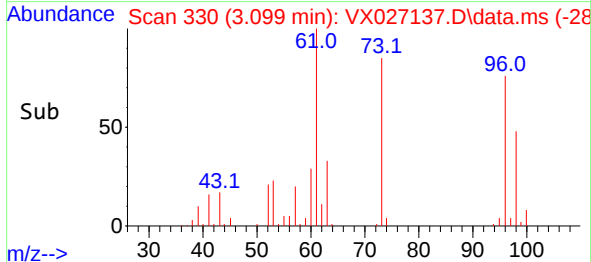
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



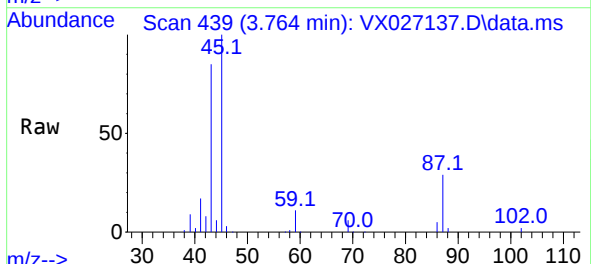
Tgt Ion: 96 Resp: 18469
Ion Ratio Lower Upper
96 100
61 130.8 112.9 169.3
98 63.2 49.5 74.3

Manual Integrations
APPROVED

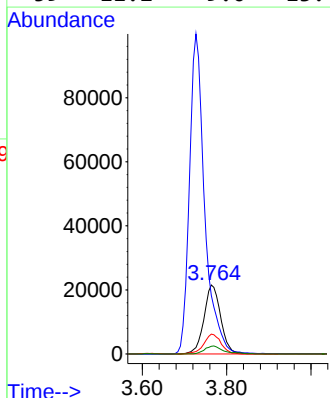
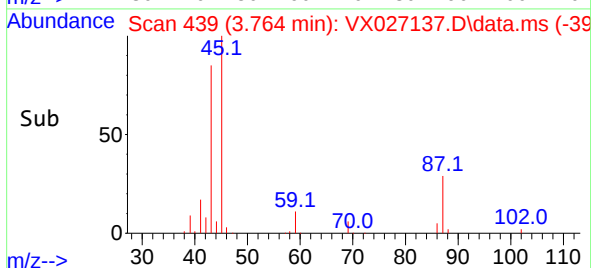
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

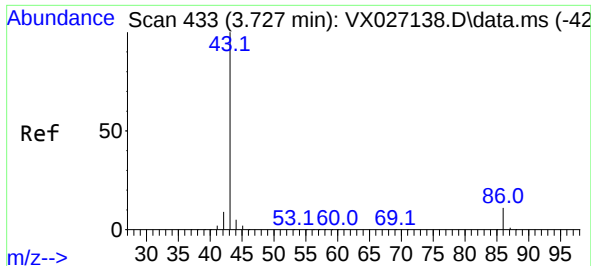


#22
Diisopropyl ether
Concen: 18.382 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 45 Resp: 59515
Ion Ratio Lower Upper
45 100
43 84.5 60.6 91.0
87 28.8 22.0 33.0
59 11.2 9.0 13.4





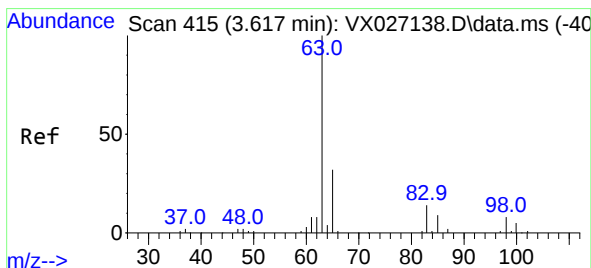
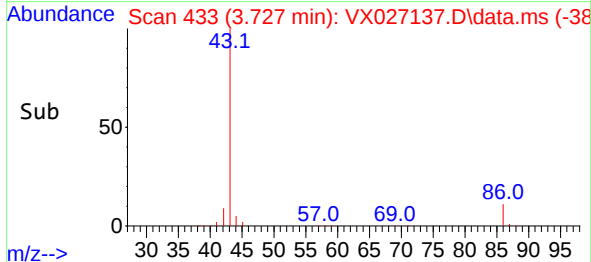
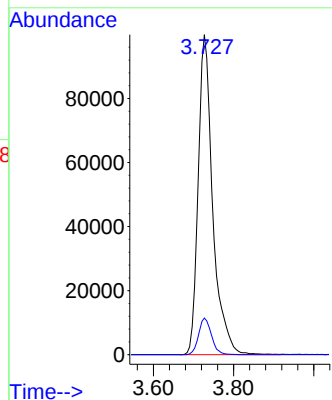
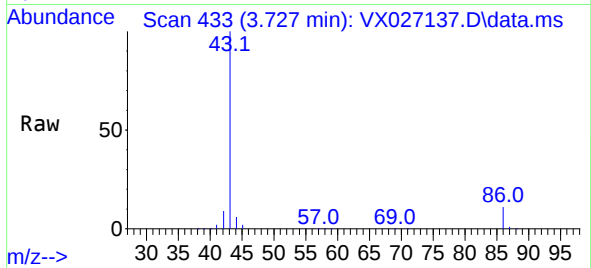
#23
 Vinyl Acetate
 Concen: 92.426 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX027137.D
 Acq: 23 Feb 2022 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 251728
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.1 12.1

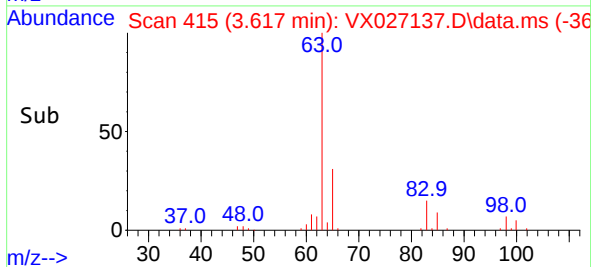
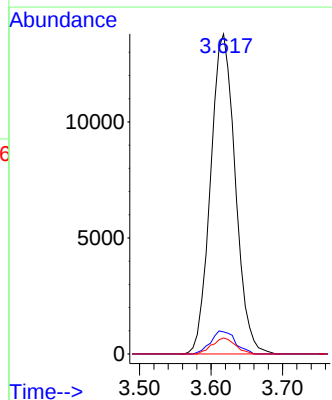
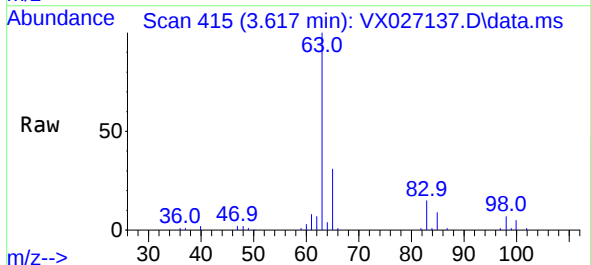
Manual Integrations
 APPROVED

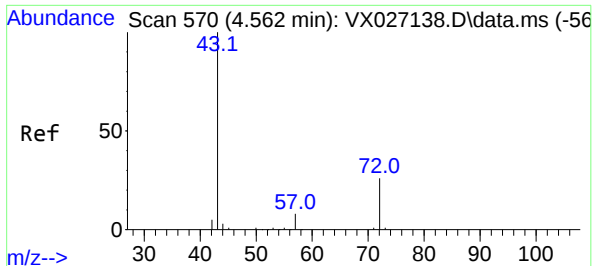
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 18.807 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX027137.D
 Acq: 23 Feb 2022 11:28

Tgt Ion: 63 Resp: 33097
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 99.834 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 76049

Ion Ratio Lower Upper

43 100

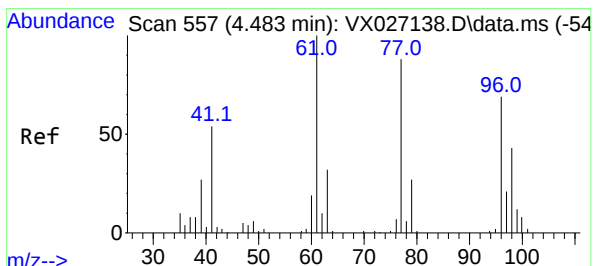
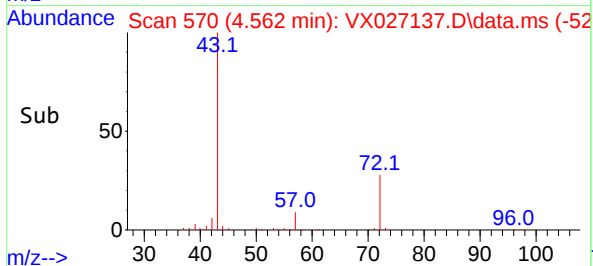
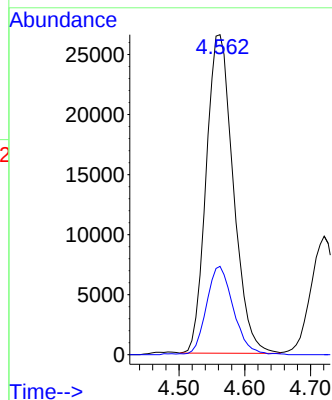
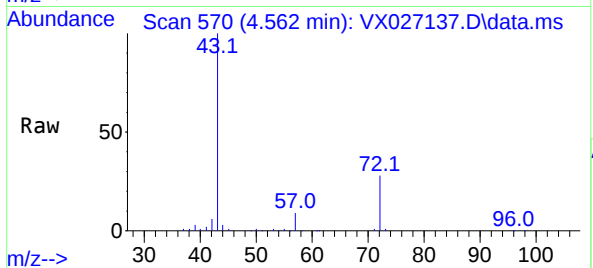
72 27.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#26

2,2-Dichloropropane

Concen: 19.244 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX027137.D

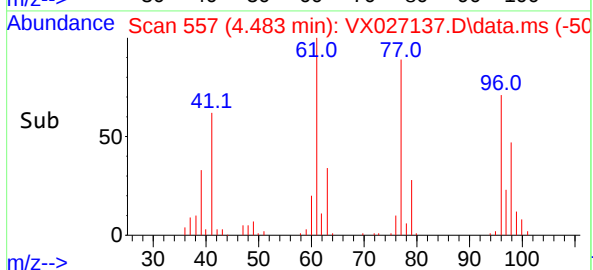
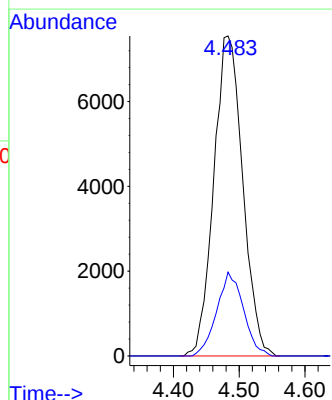
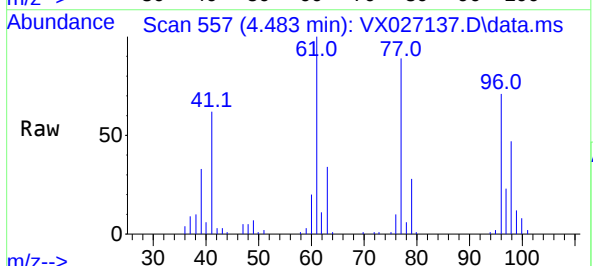
Acq: 23 Feb 2022 11:28

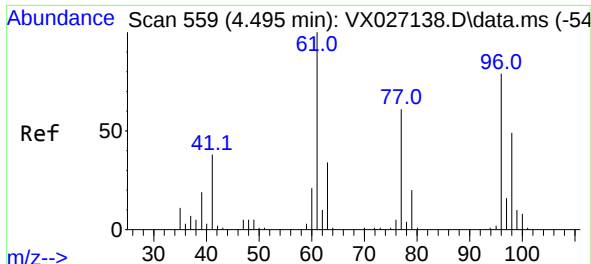
Tgt Ion: 77 Resp: 23110

Ion Ratio Lower Upper

77 100

97 24.2 11.0 33.0





#27
cis-1,2-Dichloroethene
Concen: 19.311 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

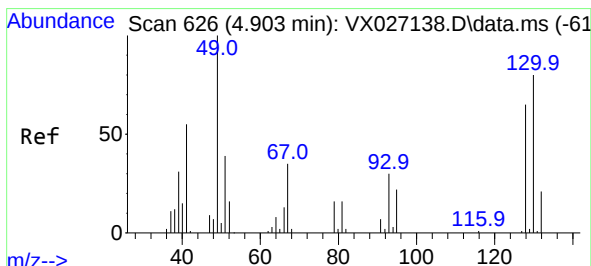
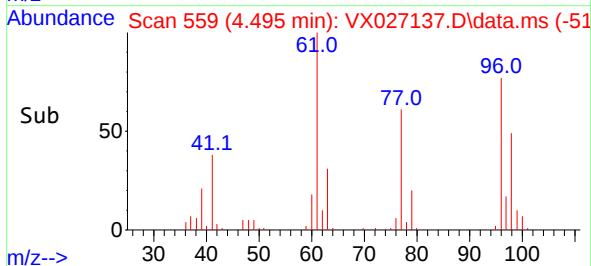
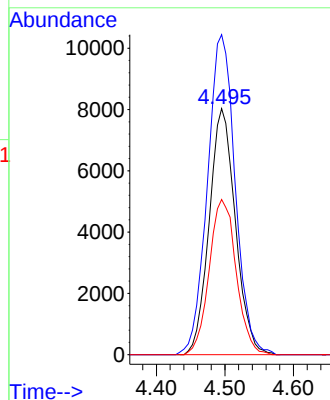
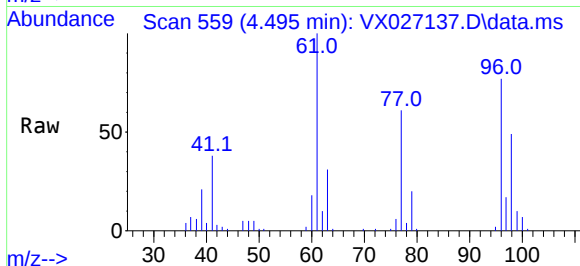
VSTDIC020

Tgt Ion: 96 Resp: 2133
Ion Ratio Lower Upper
96 100
61 137.7 0.0 296.6
98 64.9 0.0 128.8

Manual Integrations

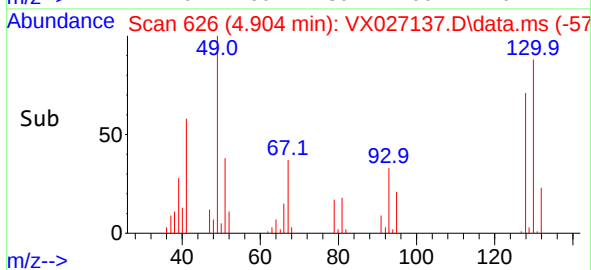
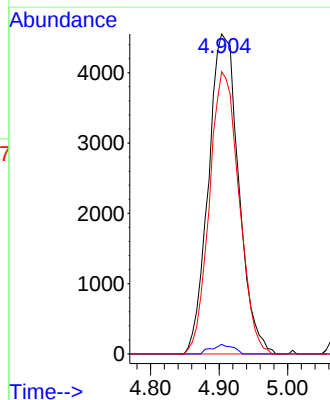
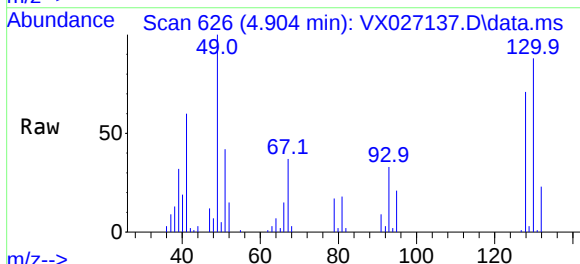
APPROVED

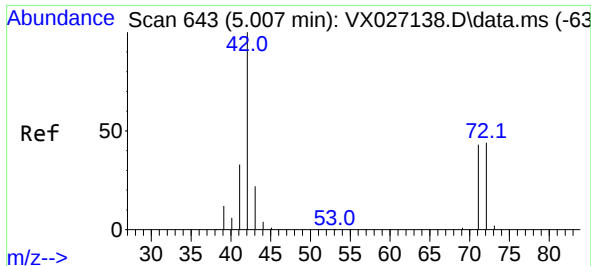
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#28
Bromochloromethane
Concen: 19.139 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 49 Resp: 13966
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 86.0 62.4 93.6





#29

Tetrahydrofuran

Concen: 98.709 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 50990

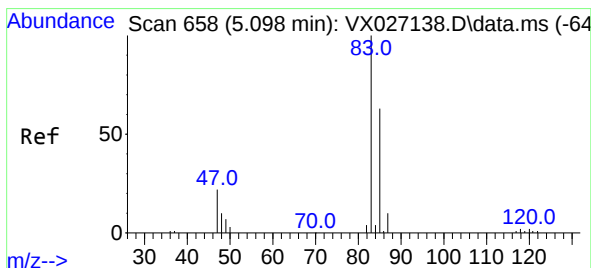
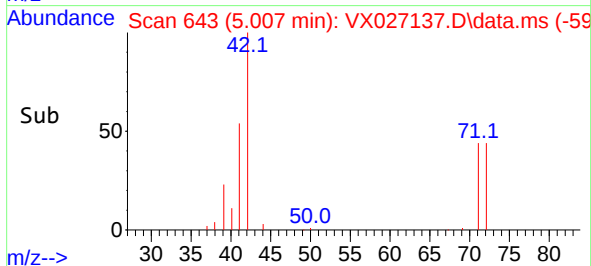
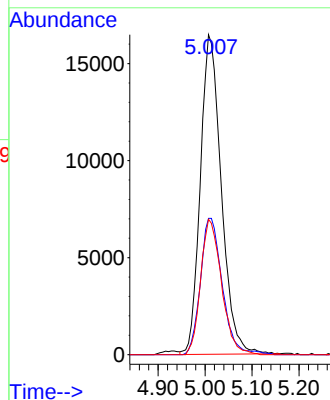
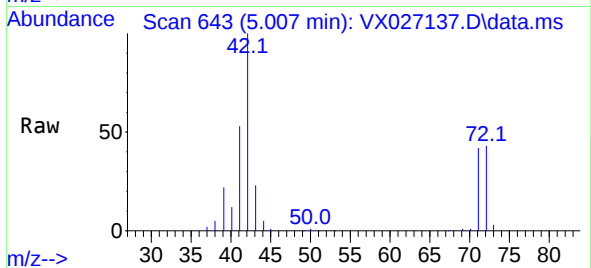
Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.6	52.0
71	42.2	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#30

Chloroform

Concen: 18.656 ug/l

RT: 5.099 min Scan# 658

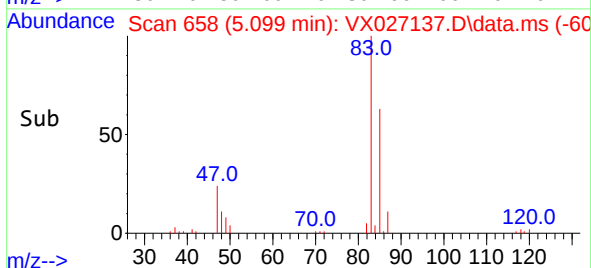
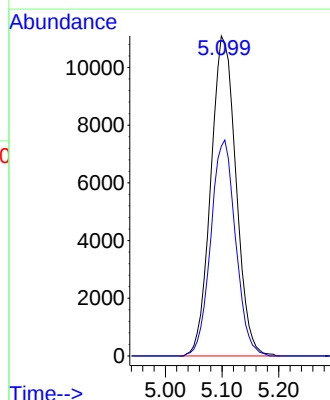
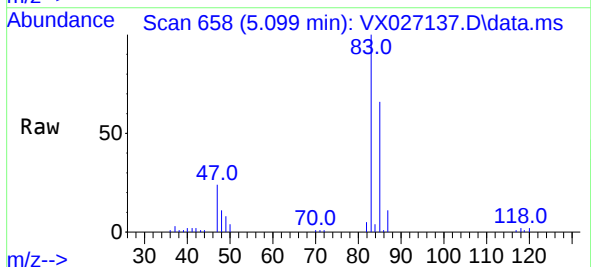
Delta R.T. 0.000 min

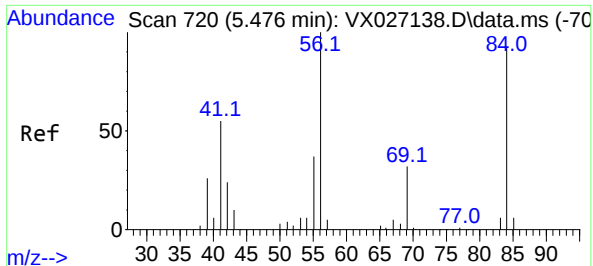
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 83 Resp: 34216

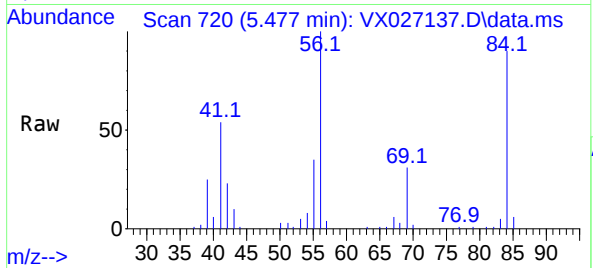
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.6	77.4





#31
Cyclohexane
Concen: 18.328 ug/l
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

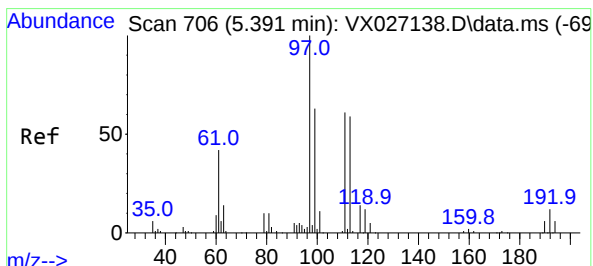
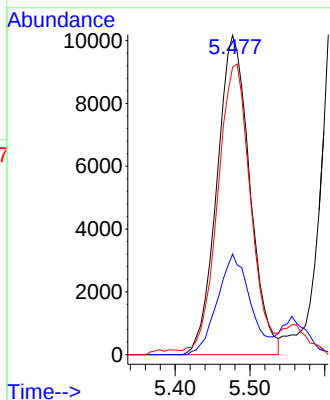
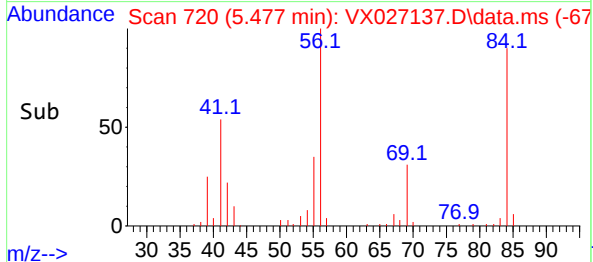
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



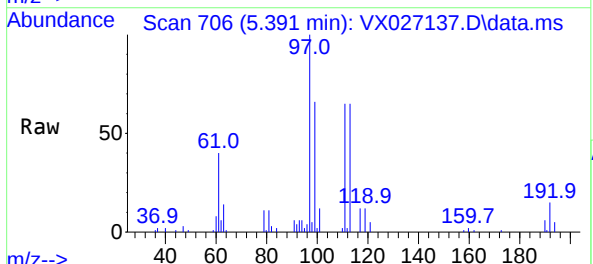
Tgt Ion: 56 Resp: 31040
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.6
84 88.6 68.9 103.3

Manual Integrations
APPROVED

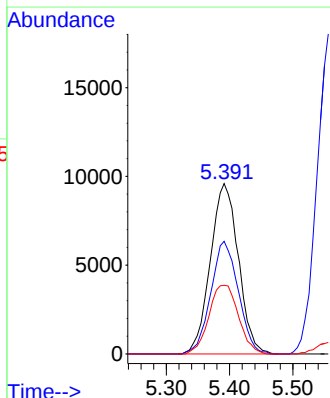
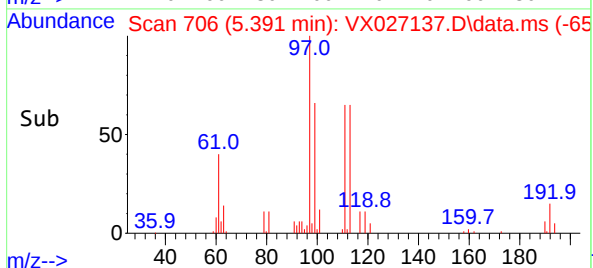
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

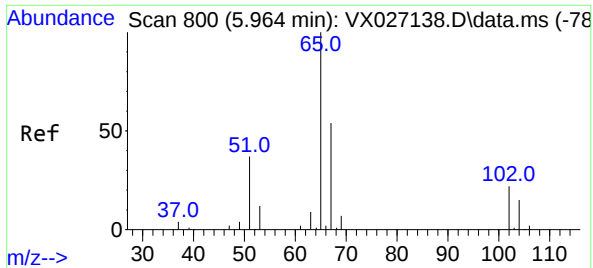


#32
1,1,1-Trichloroethane
Concen: 18.311 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 97 Resp: 29481
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 42.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 19.891 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 21475

Ion Ratio Lower Upper

65 100

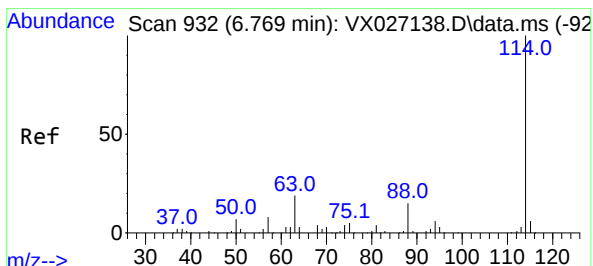
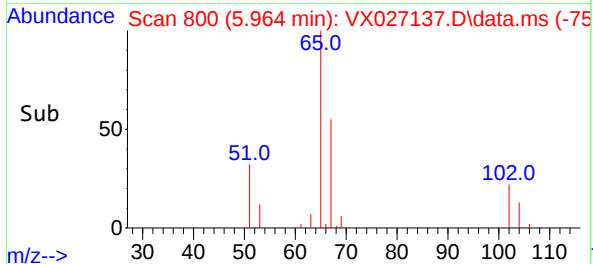
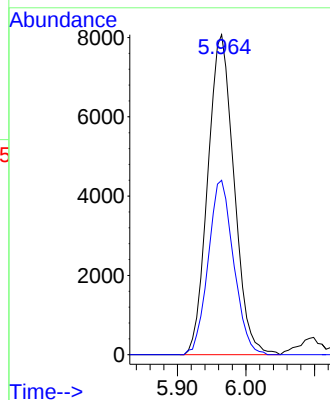
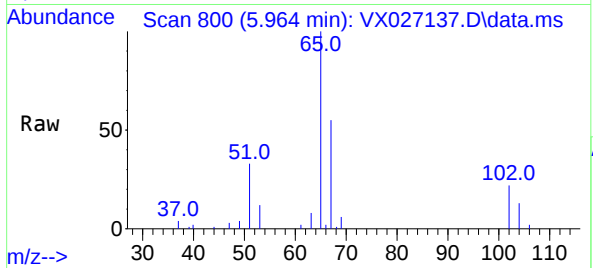
67 52.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

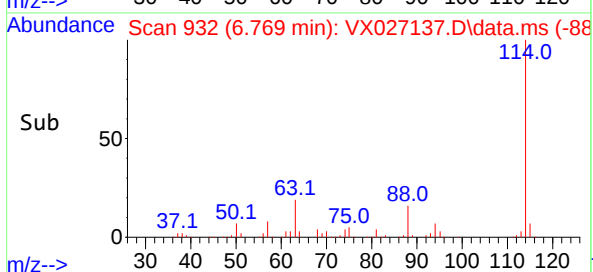
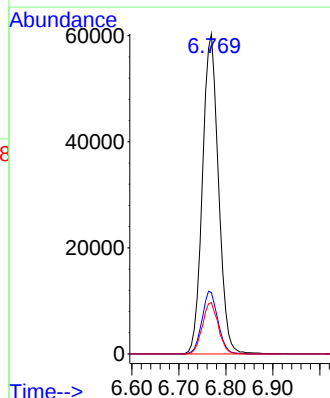
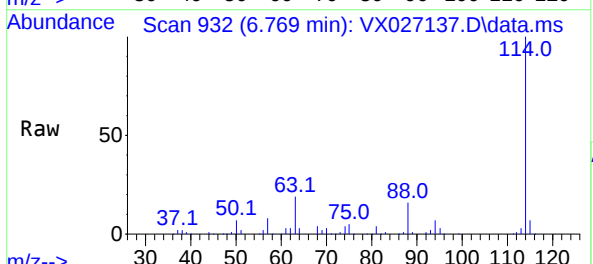
Tgt Ion:114 Resp: 142372

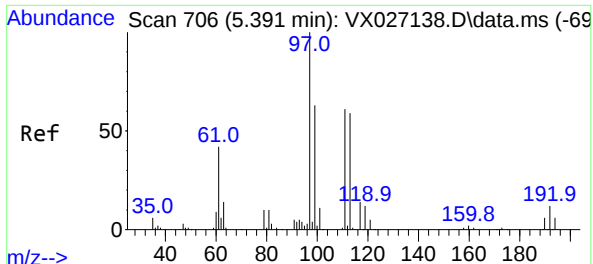
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

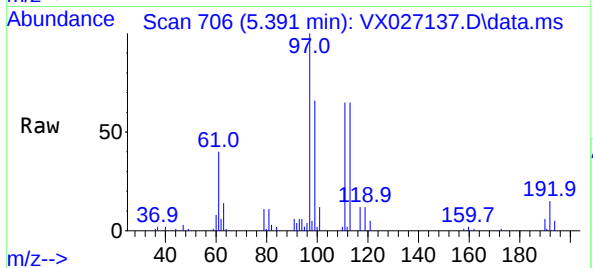
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 20.617 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

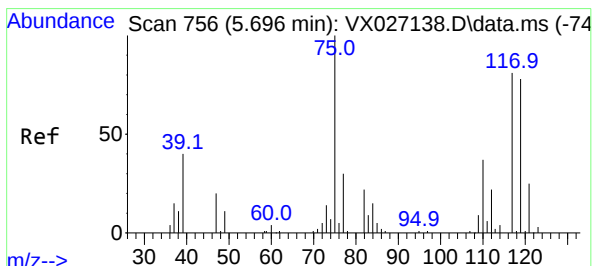
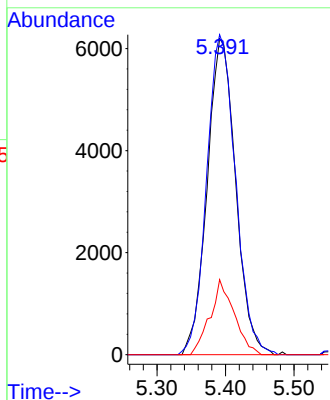
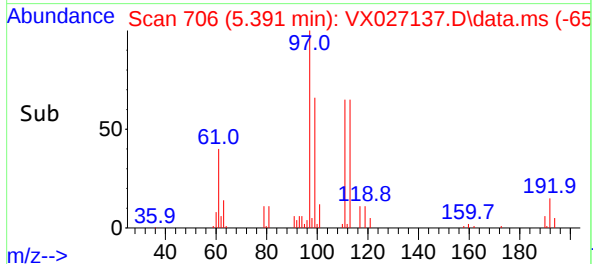
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



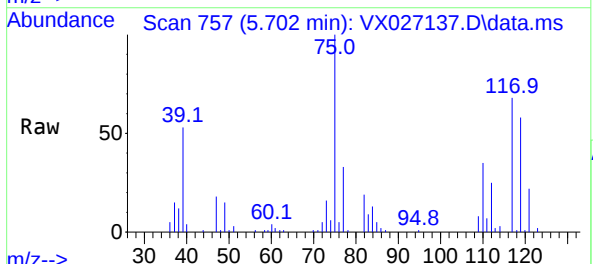
Tgt Ion: 113 Resp: 17869
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 20.2 15.0 22.4

Manual Integrations
APPROVED

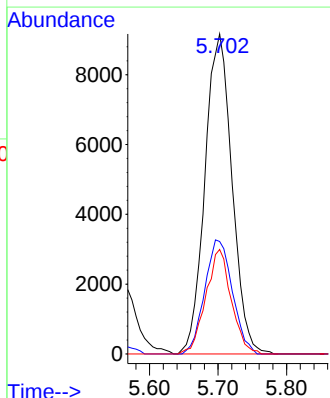
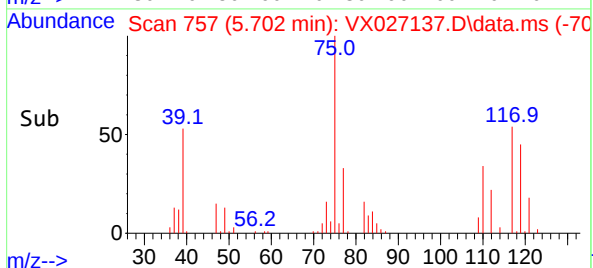
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

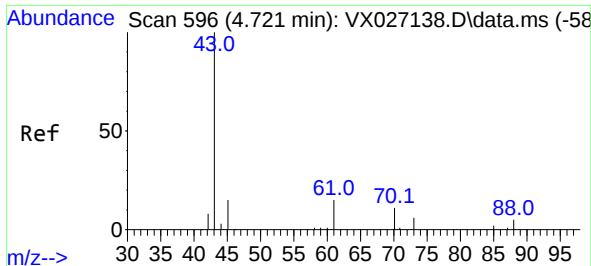


#36
1,1-Dichloropropene
Concen: 18.721 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 75 Resp: 25174
Ion Ratio Lower Upper
75 100
110 36.4 17.2 51.6
77 30.7 24.6 36.8





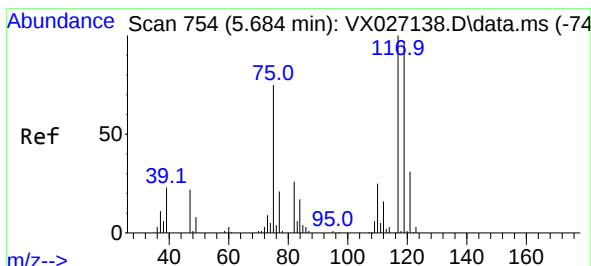
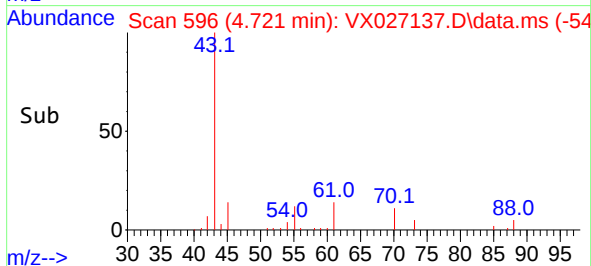
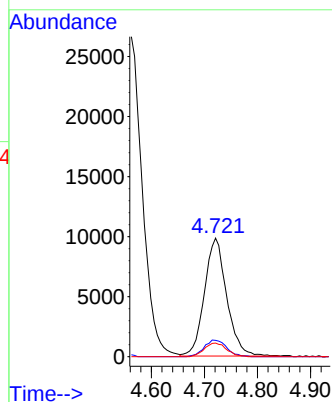
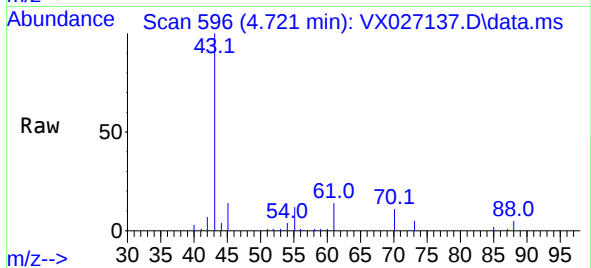
#37
Ethyl Acetate
Concen: 18.860 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 28610
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.6 8.5 12.7

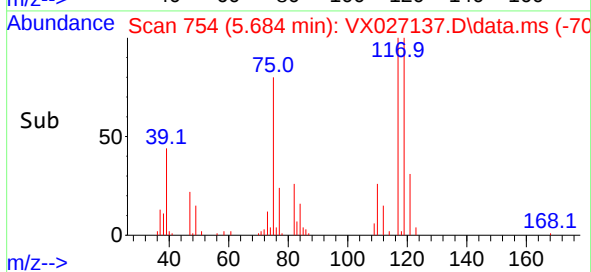
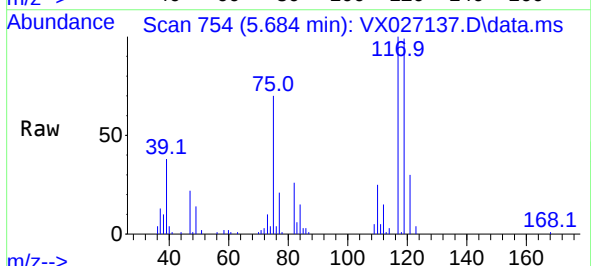
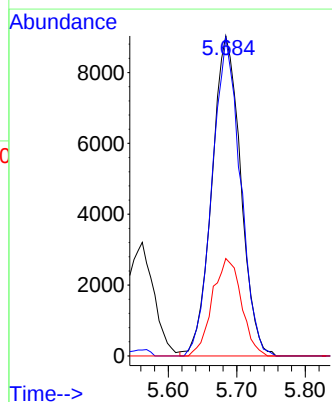
Manual Integrations
APPROVED

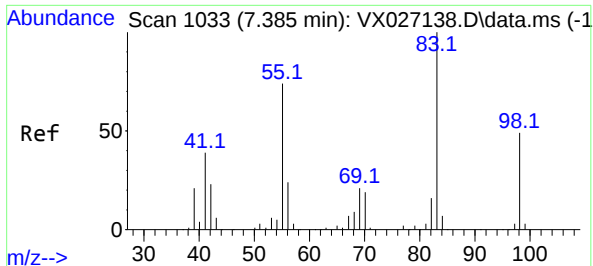
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 18.625 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:117 Resp: 26282
Ion Ratio Lower Upper
117 100
119 99.4 74.7 112.1
121 30.5 25.4 38.0





#39

Methylcyclohexane

Concen: 18.739 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 30874

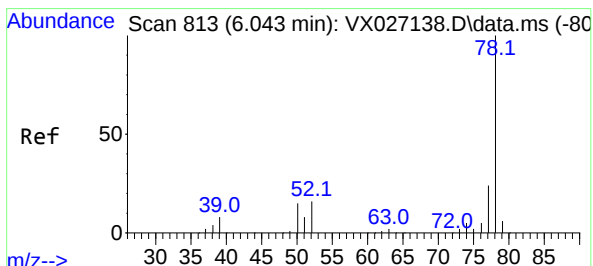
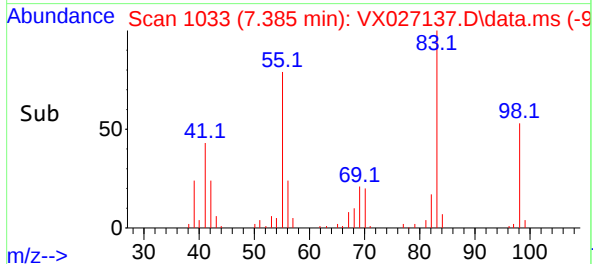
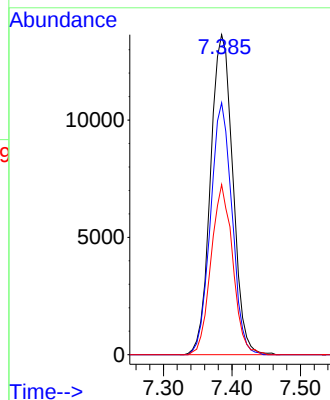
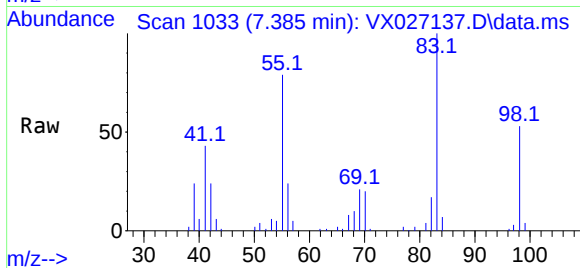
Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.6	95.4
98	53.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Benzene

Concen: 18.979 ug/l

RT: 6.044 min Scan# 813

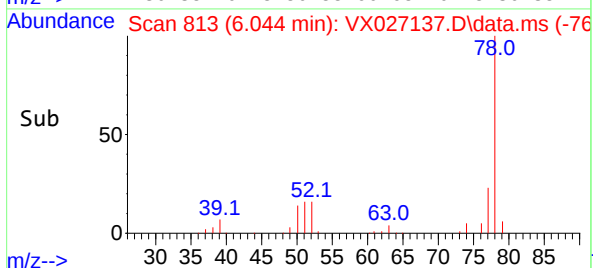
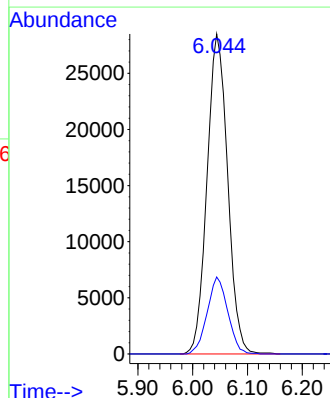
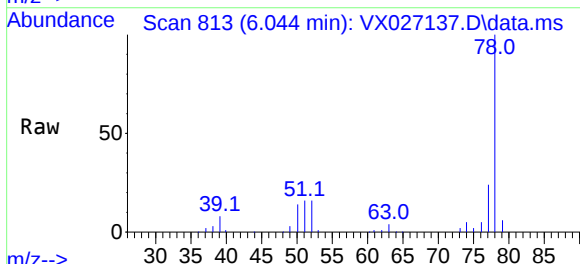
Delta R.T. 0.000 min

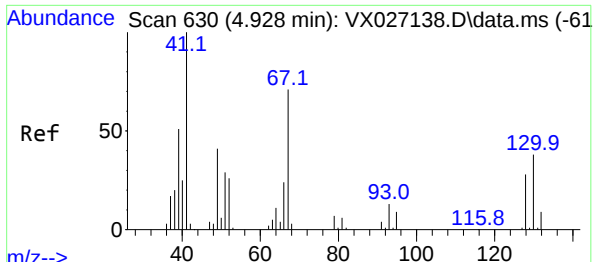
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 78 Resp: 74374

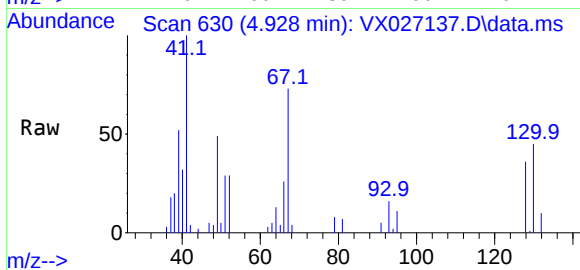
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41
Methacrylonitrile
Concen: 19.009 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

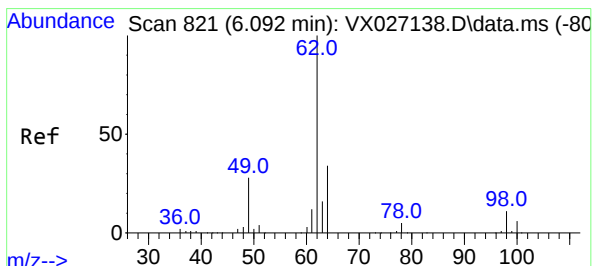
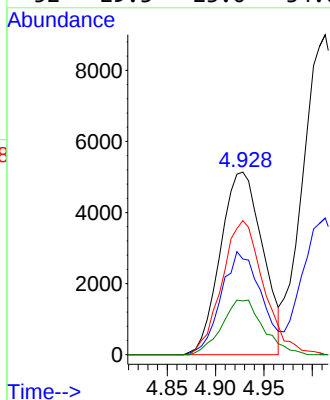
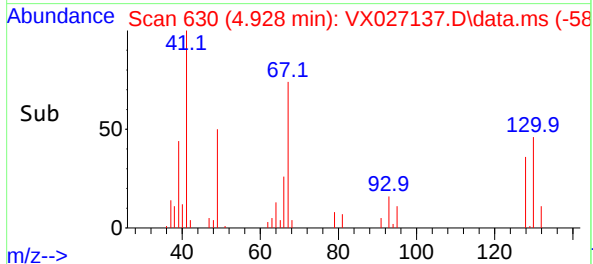
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



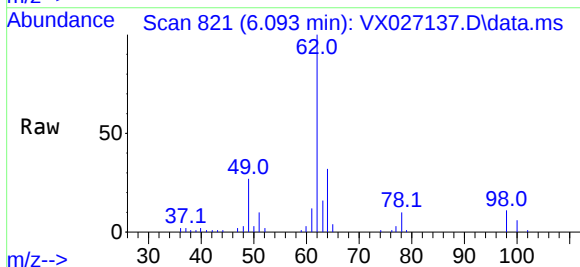
Tgt Ion: 41 Resp: 1565
Ion Ratio Lower Upper
41 100
39 54.7 45.4 68.0
67 72.4 53.2 79.8
52 29.3 23.0 34.6

Manual Integrations
APPROVED

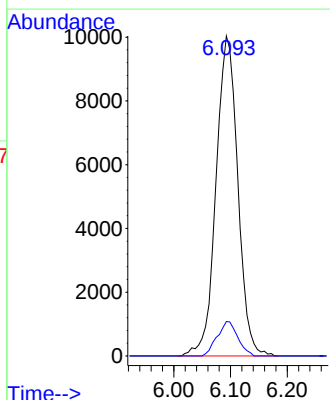
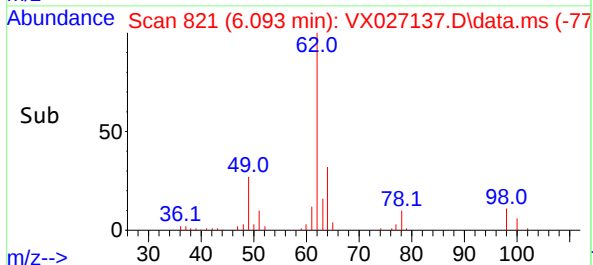
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

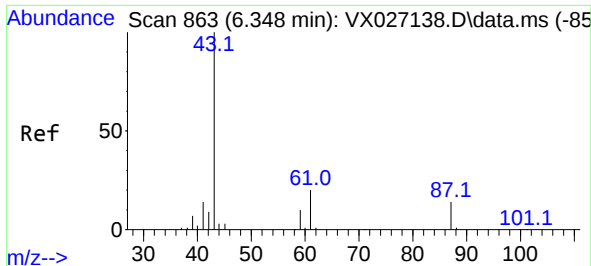


#42
1,2-Dichloroethane
Concen: 19.417 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 62 Resp: 26775
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.8





#43

Isopropyl Acetate

Concen: 18.595 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 4336

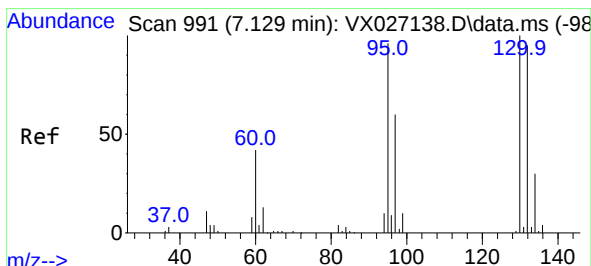
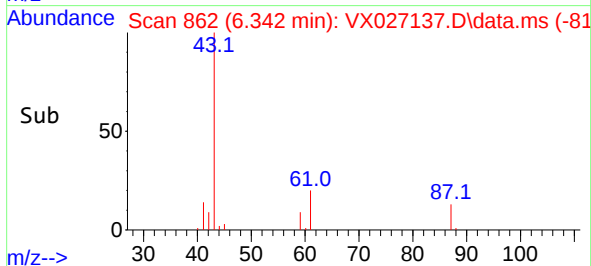
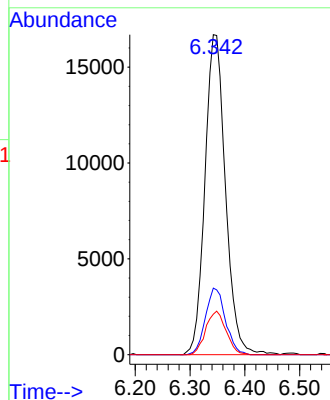
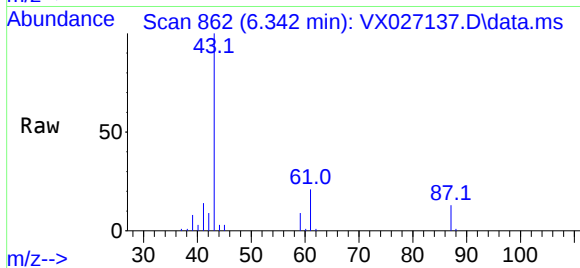
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.4	23.0
87	13.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#44

Trichloroethene

Concen: 18.536 ug/l

RT: 7.129 min Scan# 991

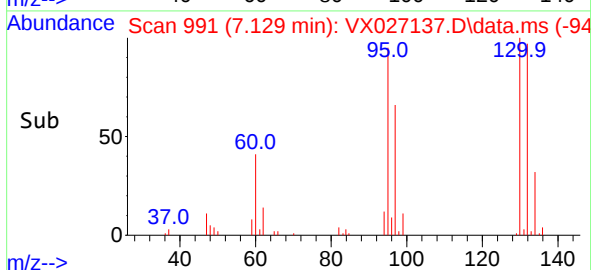
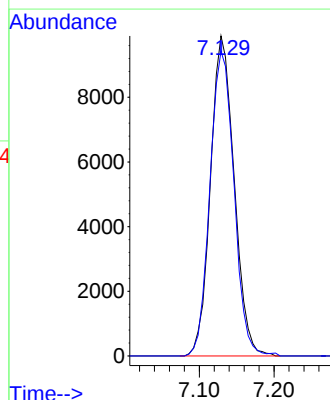
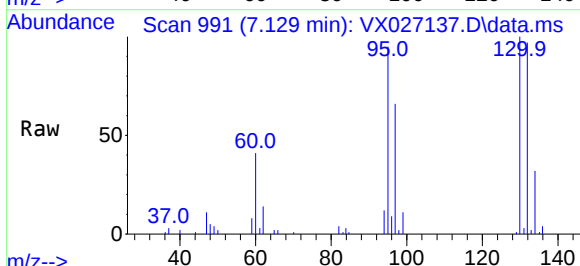
Delta R.T. 0.000 min

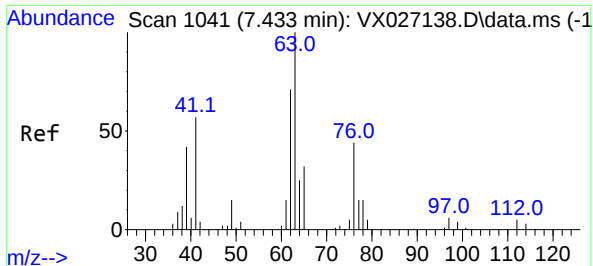
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion:130 Resp: 21771

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	202.6





#45

1,2-Dichloropropane

Concen: 18.753 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 1856

Ion Ratio Lower Upper

63 100

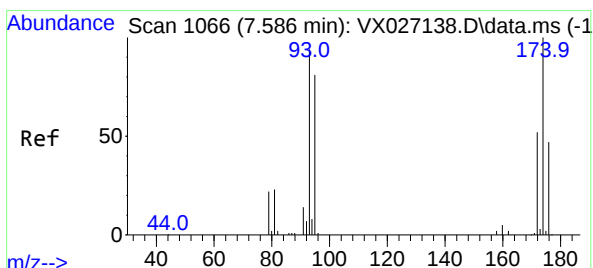
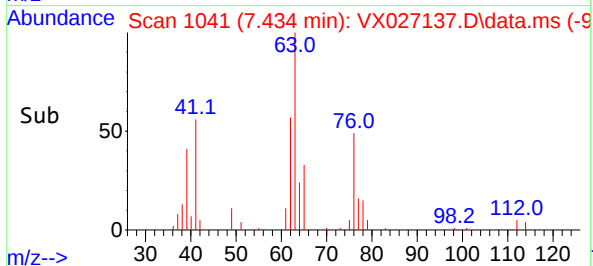
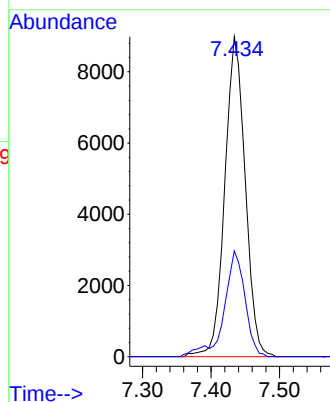
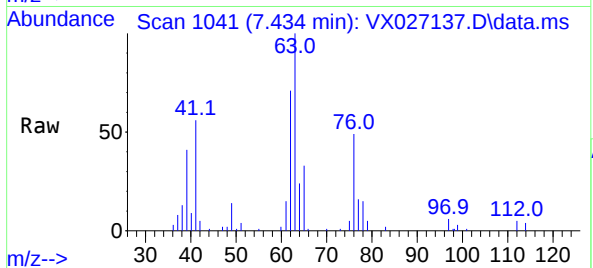
65 33.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 19.262 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

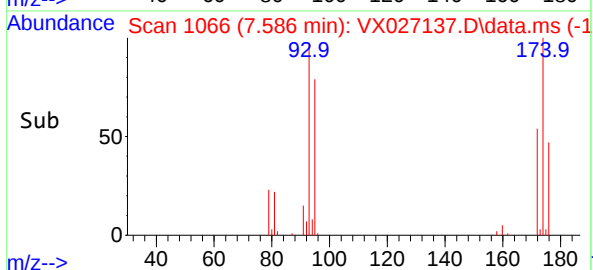
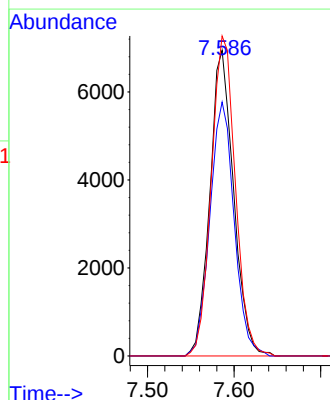
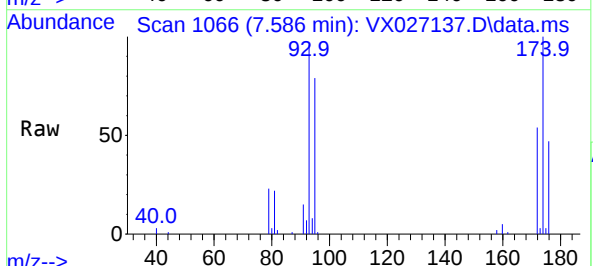
Tgt Ion: 93 Resp: 13255

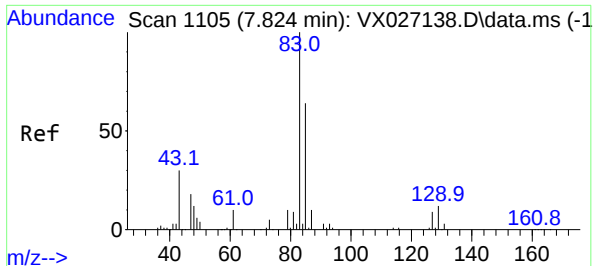
Ion Ratio Lower Upper

93 100

95 84.7 66.1 99.1

174 105.8 78.7 118.1





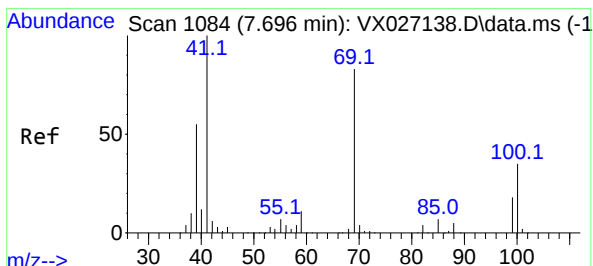
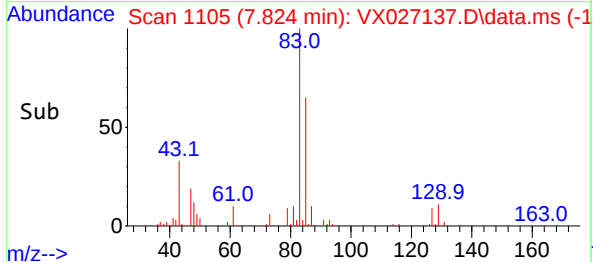
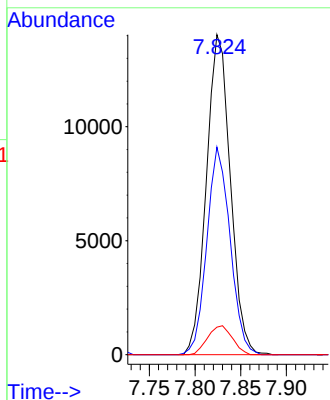
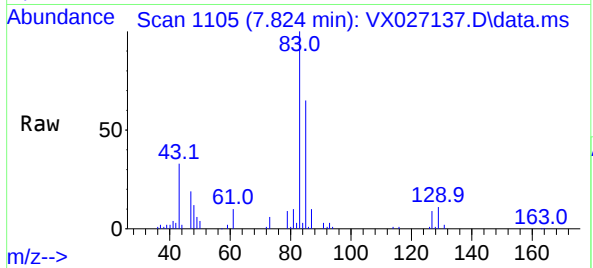
#47
Bromodichloromethane
Concen: 19.494 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 25579
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 8.6 6.9 10.3

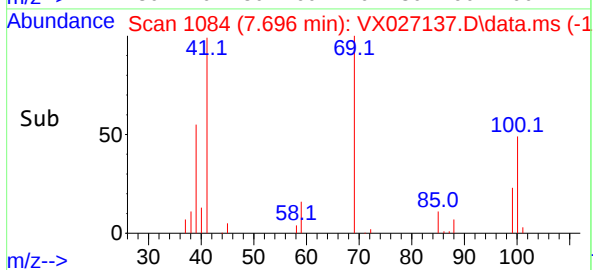
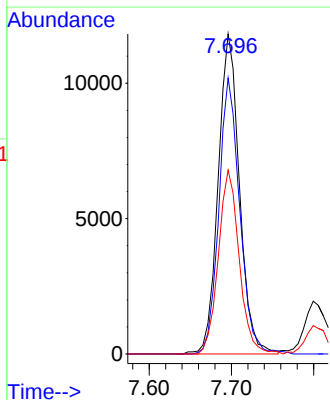
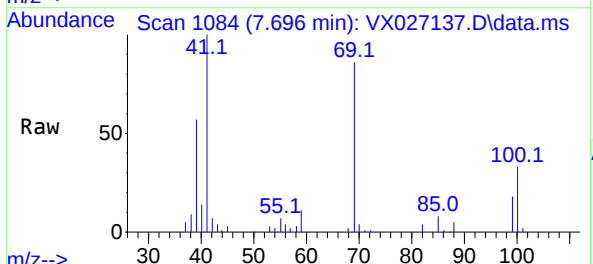
Manual Integrations
APPROVED

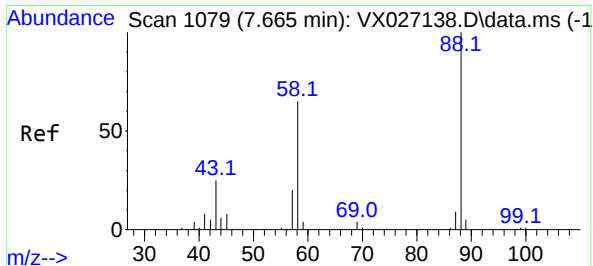
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Methyl methacrylate
Concen: 18.348 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 41 Resp: 21249
Ion Ratio Lower Upper
41 100
69 84.8 62.2 93.4
39 56.4 45.4 68.0





#49

1,4-Dioxane

Concen: 478.586 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 9980

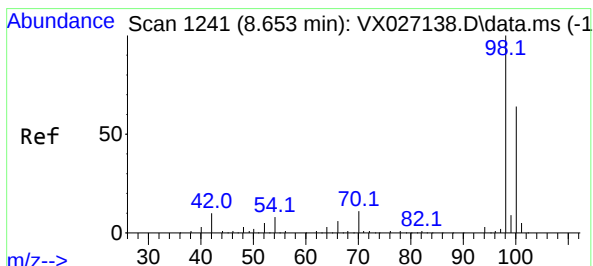
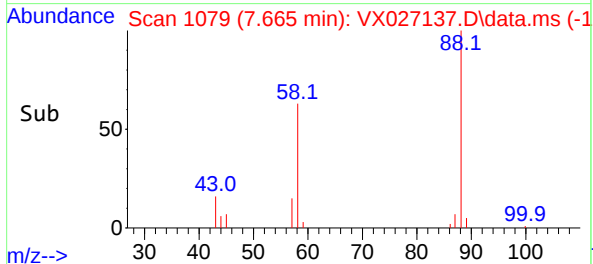
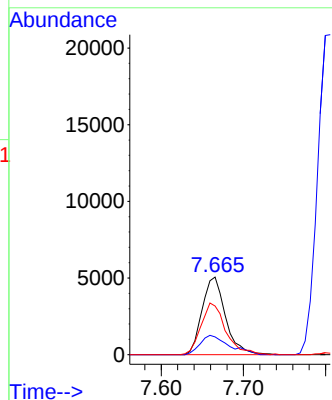
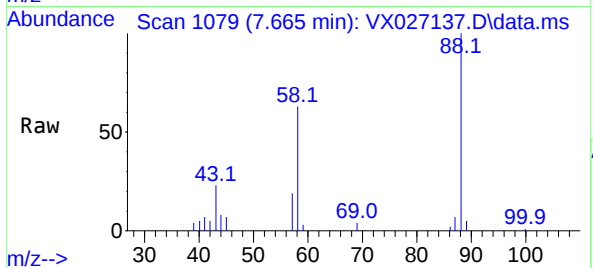
Ion	Ratio	Lower	Upper
88	100		
43	30.7	29.9	44.9
58	70.3	57.8	86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

Toluene-d8

Concen: 21.052 ug/l

RT: 8.653 min Scan# 1241

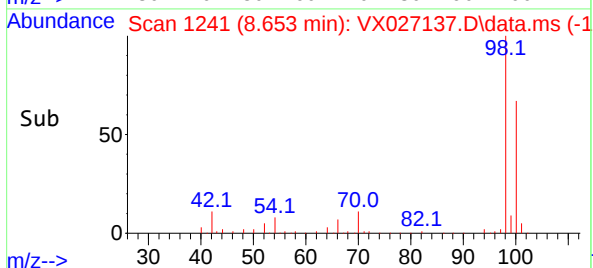
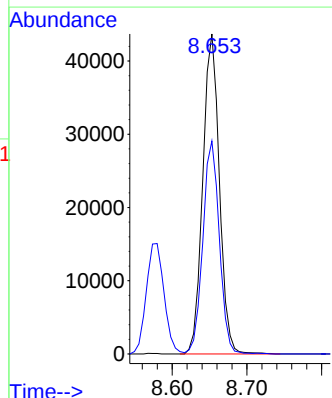
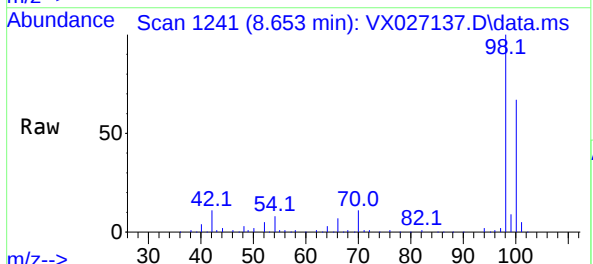
Delta R.T. 0.000 min

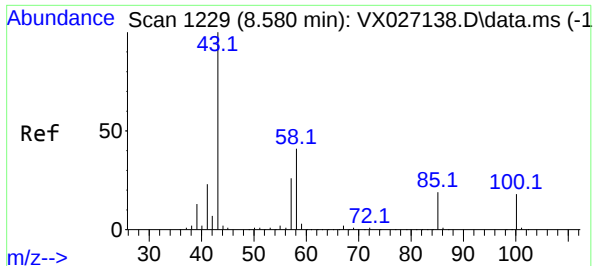
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 98 Resp: 67203

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8





#51
4-Methyl-2-Pentanone
Concen: 102.098 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

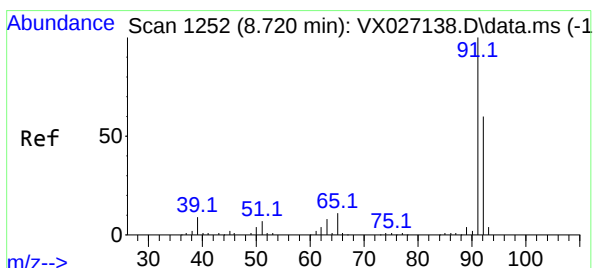
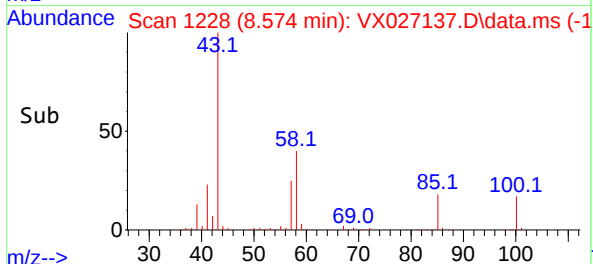
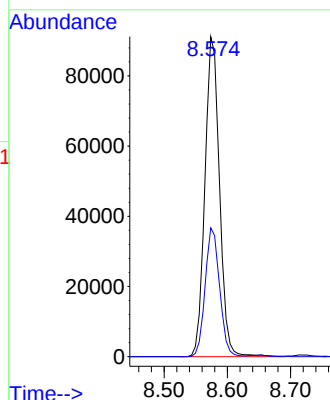
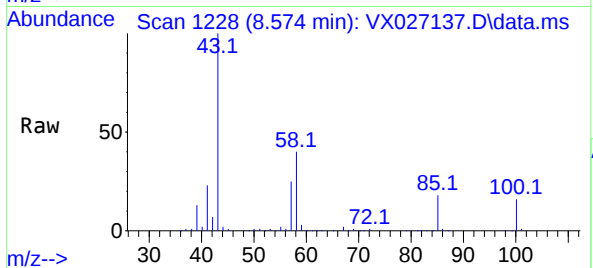
VSTDICC020

Tgt Ion: 43 Resp: 146704
Ion Ratio Lower Upper
43 100
58 39.8 30.5 45.7

Manual Integrations

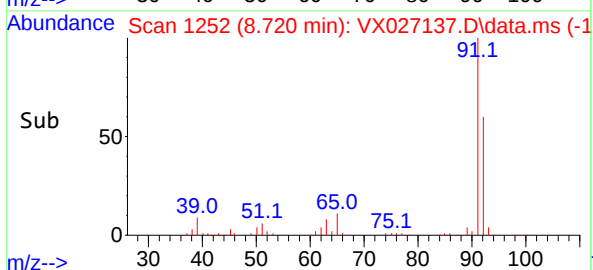
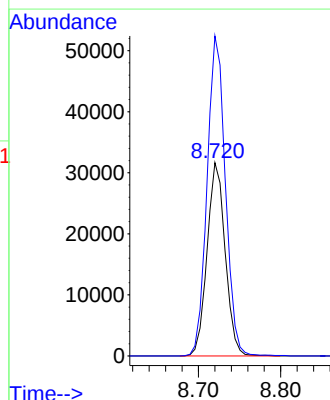
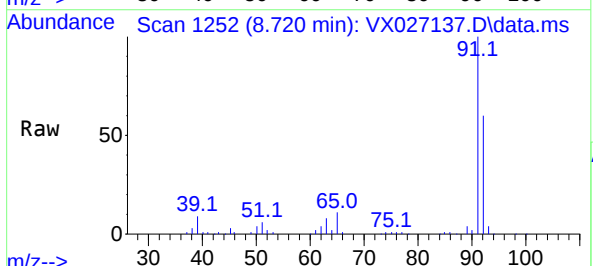
APPROVED

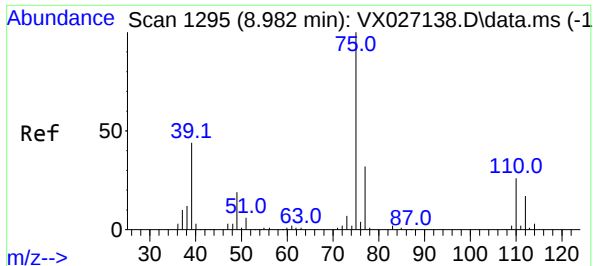
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 19.379 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion: 92 Resp: 48312
Ion Ratio Lower Upper
92 100
91 167.7 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 19.484 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

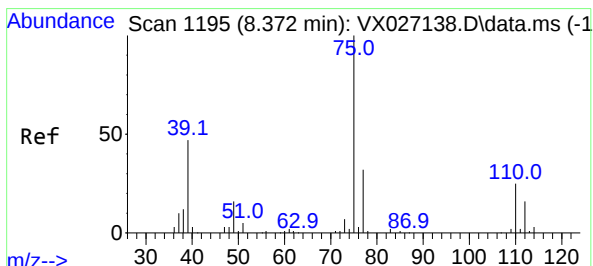
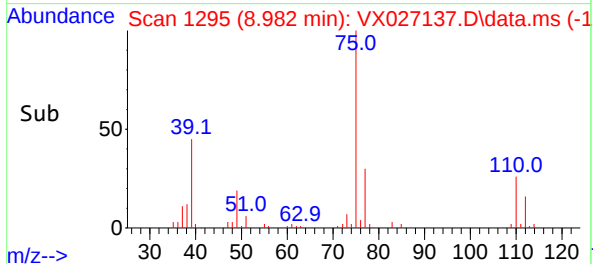
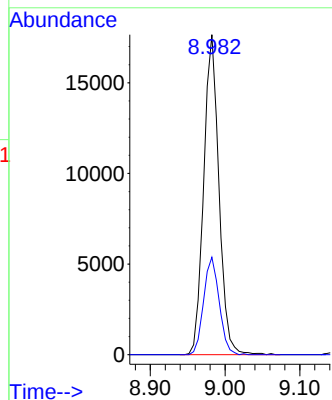
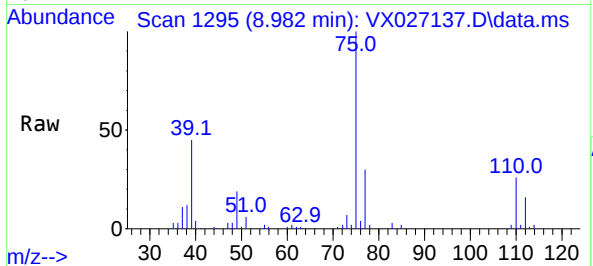
VSTDIC020

Tgt Ion: 75 Resp: 2499
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

Manual Integrations

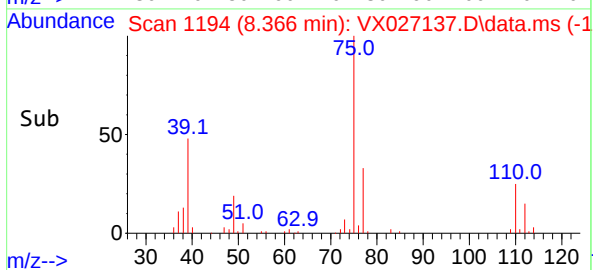
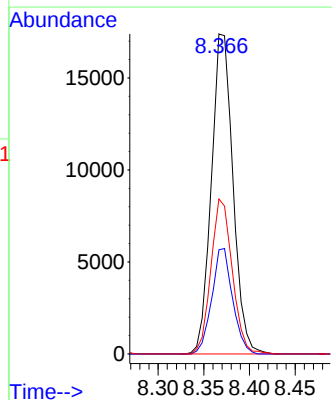
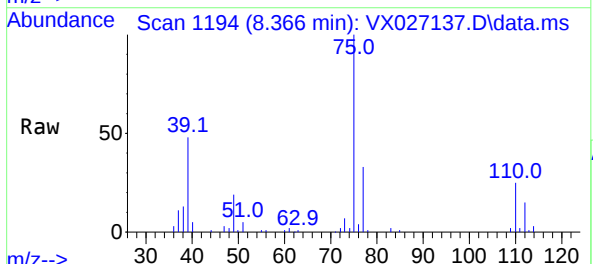
APPROVED

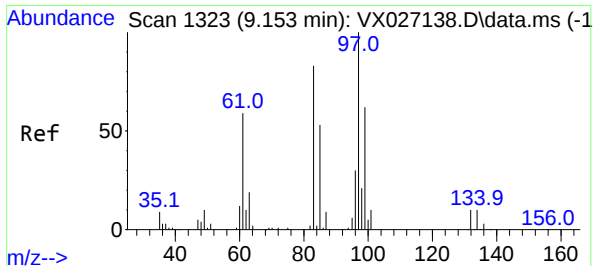
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#54
cis-1,3-Dichloropropene
Concen: 19.686 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

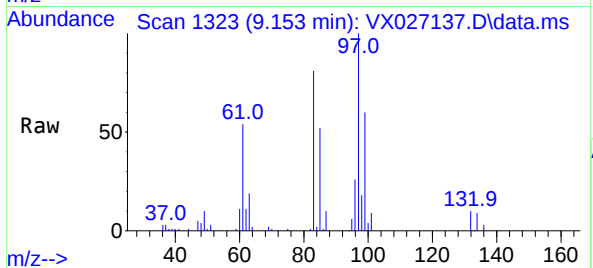
Tgt Ion: 75 Resp: 28632
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
39 48.4 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 20.461 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

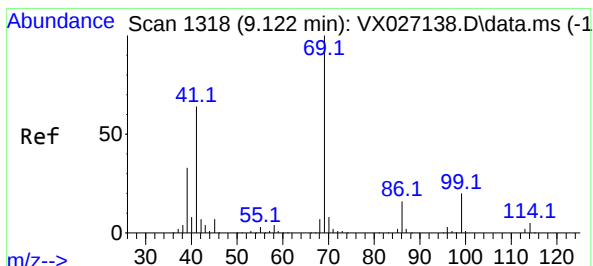
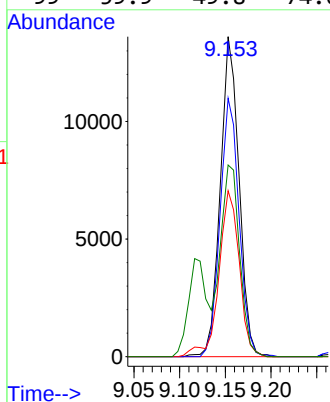
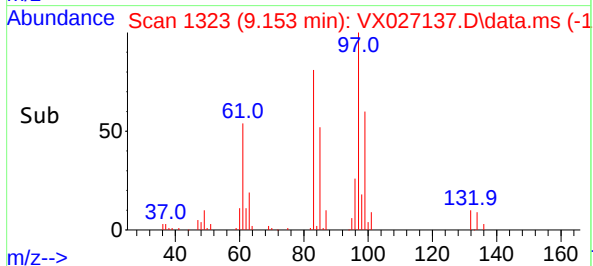


Tgt Ion: 97 Resp: 19409

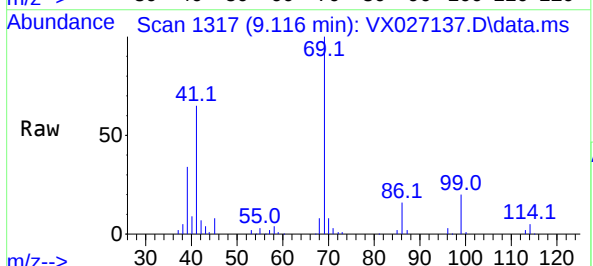
Ion	Ratio	Lower	Upper
97	100		
83	80.7	68.4	102.6
85	51.9	44.0	66.0
99	59.9	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

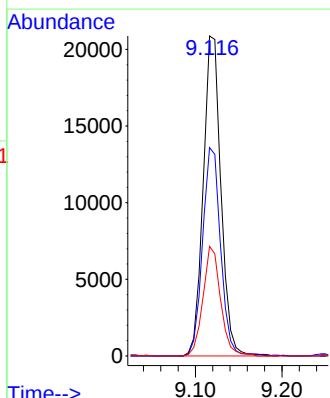
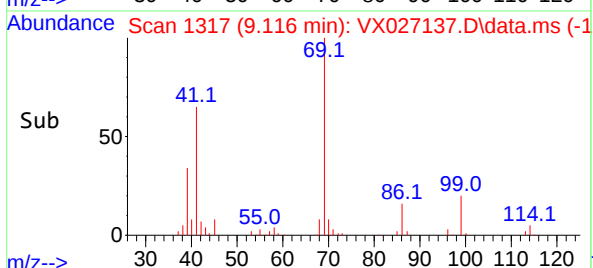


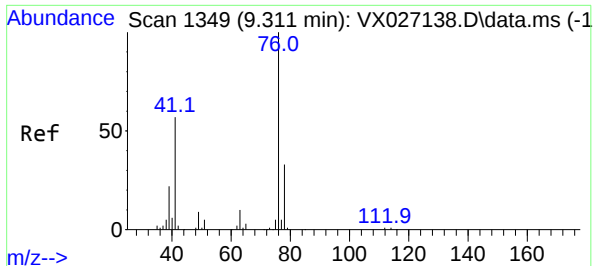
#56
Ethyl methacrylate
Concen: 19.753 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 69 Resp: 29698

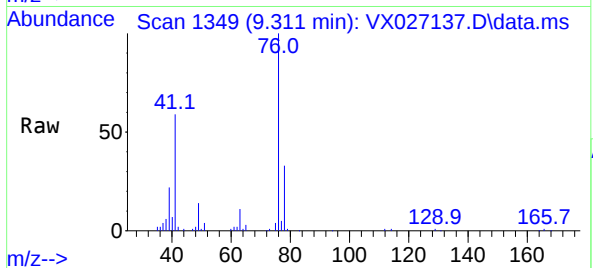
Ion	Ratio	Lower	Upper
69	100		
41	66.1	57.2	85.8
39	34.1	30.9	46.3





#57
1,3-Dichloropropane
Concen: 19.982 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

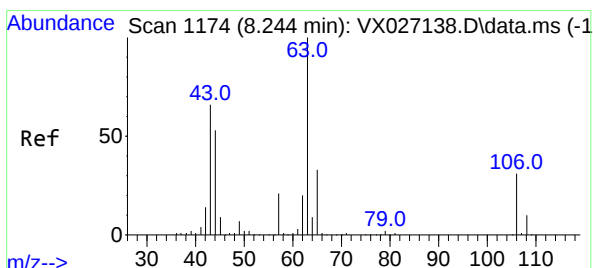
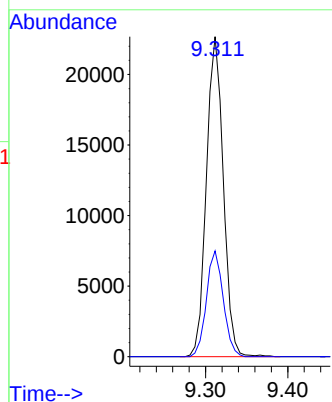
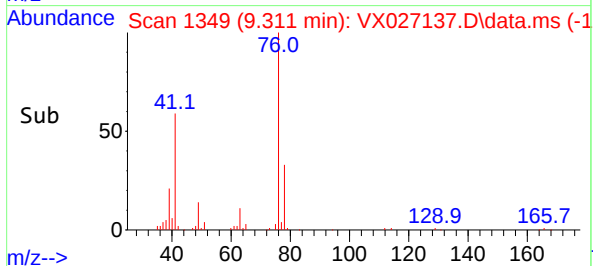
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



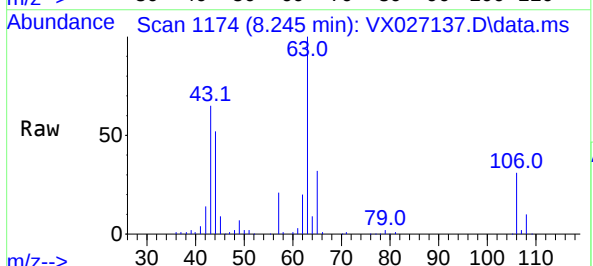
Tgt Ion: 76 Resp: 32428
Ion Ratio Lower Upper
76 100
78 32.9 25.7 38.5

Manual Integrations
APPROVED

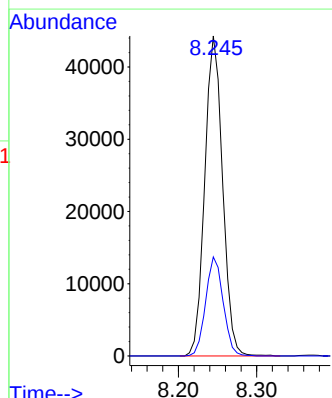
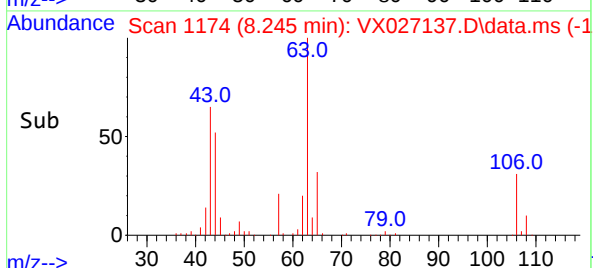
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

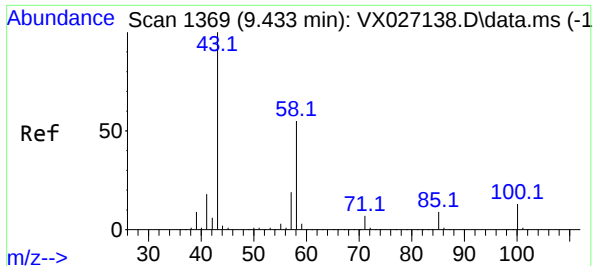


#58
2-Chloroethyl Vinyl ether
Concen: 92.733 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 63 Resp: 69948
Ion Ratio Lower Upper
63 100
106 30.3 23.0 34.6





#59

2-Hexanone

Concen: 106.155 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 11246

Ion Ratio Lower Upper

43 100

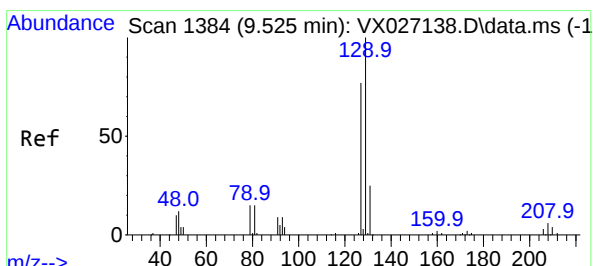
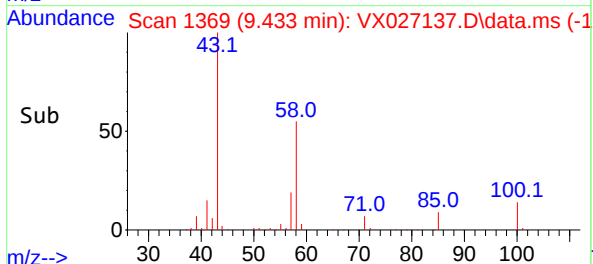
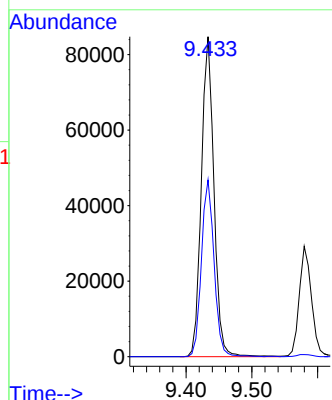
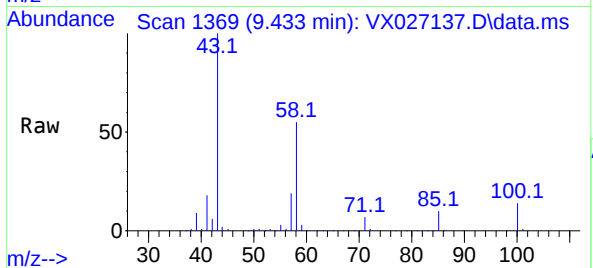
58 55.7 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#60

Dibromochloromethane

Concen: 20.324 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027137.D

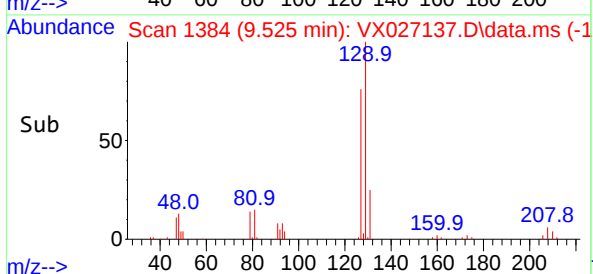
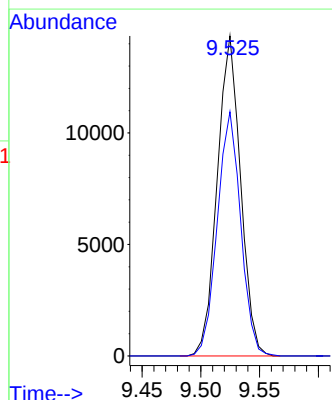
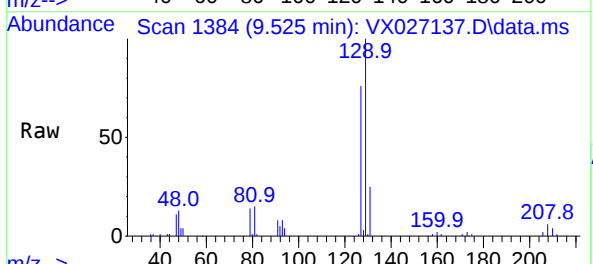
Acq: 23 Feb 2022 11:28

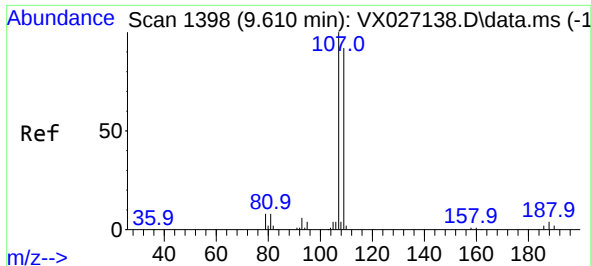
Tgt Ion:129 Resp: 19842

Ion Ratio Lower Upper

129 100

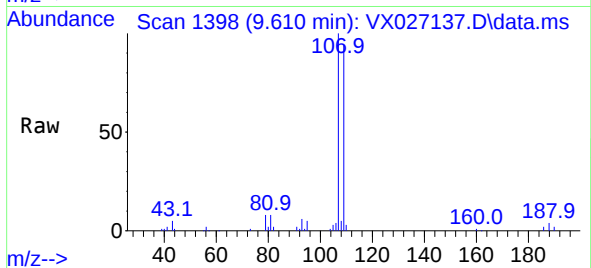
127 76.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.416 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

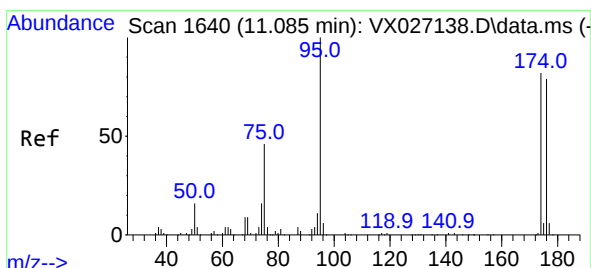
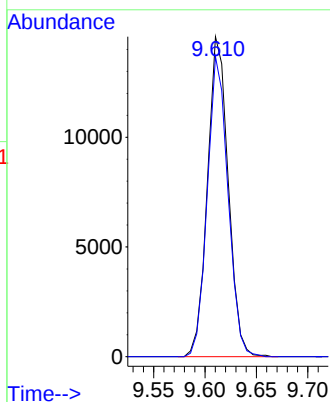
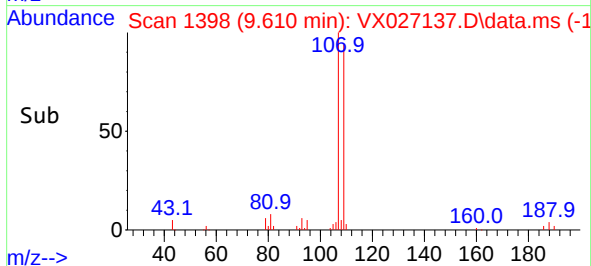
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



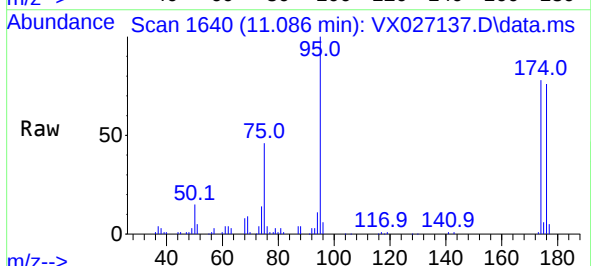
Tgt Ion:107 Resp: 2052
Ion Ratio Lower Upper
107 100
109 93.1 75.5 113.3

Manual Integrations
APPROVED

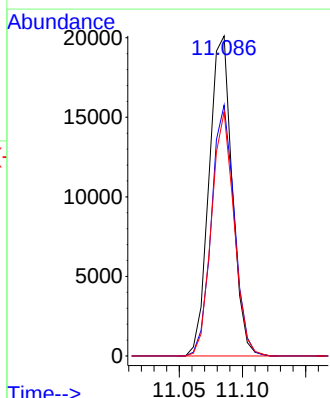
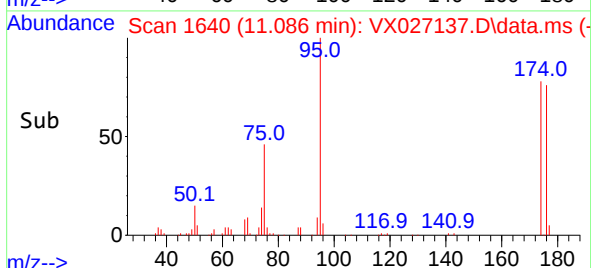
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

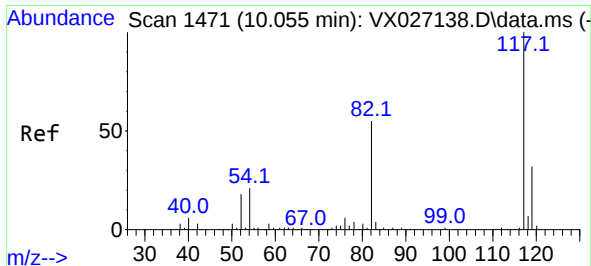


#62
4-Bromofluorobenzene
Concen: 22.204 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



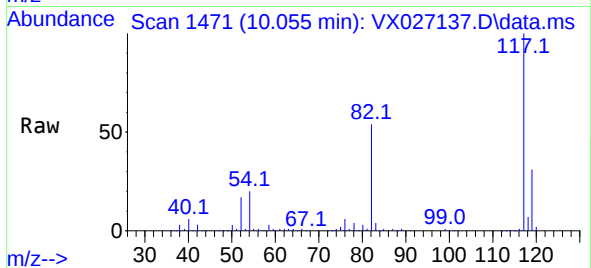
Tgt Ion: 95 Resp: 25505
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.6
176 74.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

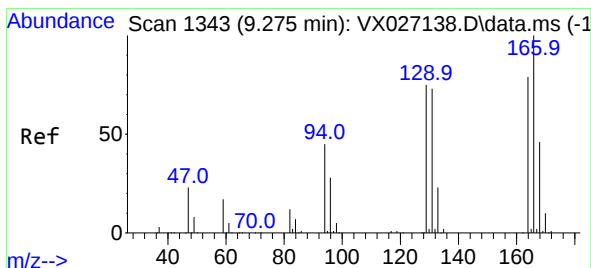
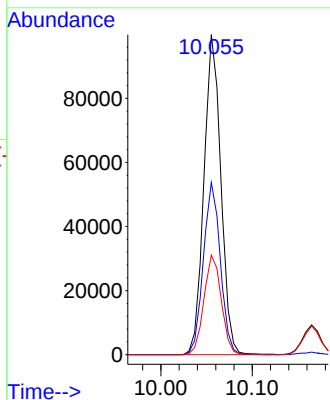
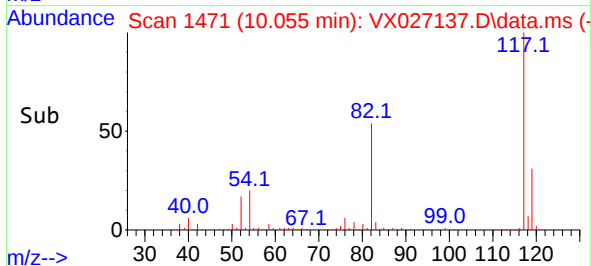
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 128278
Ion Ratio Lower Upper
117 100
82 53.8 45.2 67.8
119 31.1 26.2 39.2

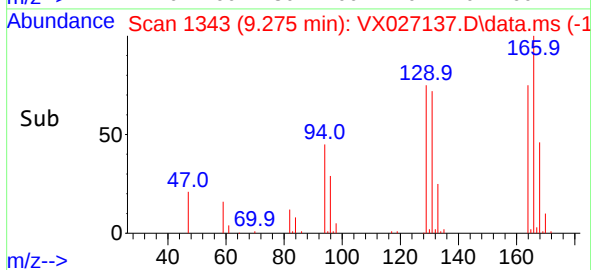
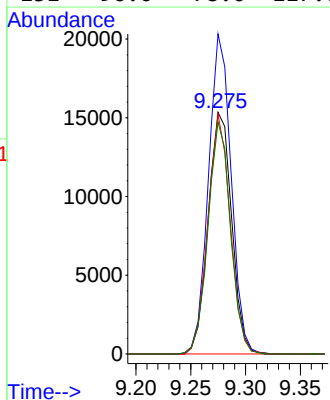
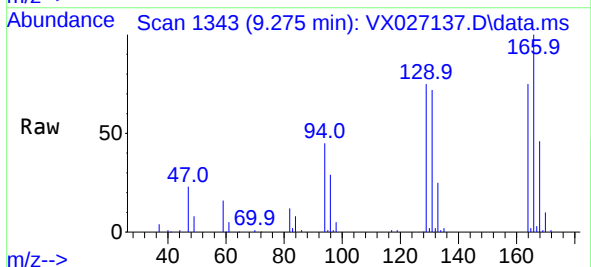
Manual Integrations
APPROVED

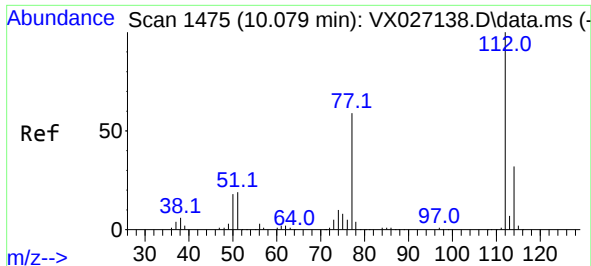
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#64
Tetrachloroethene
Concen: 18.039 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:164 Resp: 22914
Ion Ratio Lower Upper
164 100
166 132.5 101.8 152.6
129 99.1 83.3 124.9
131 96.0 78.0 117.0





#65
Chlorobenzene
Concen: 19.318 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

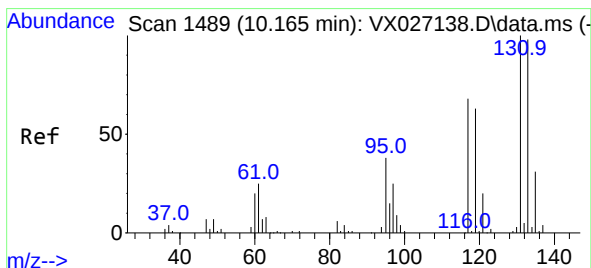
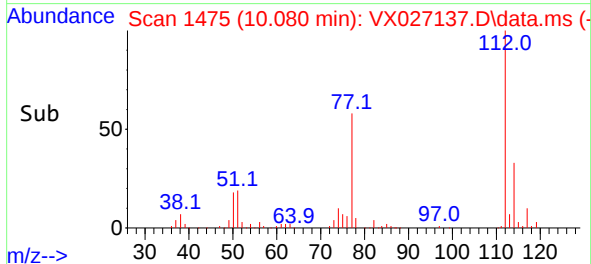
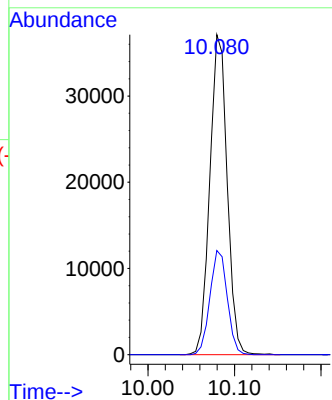
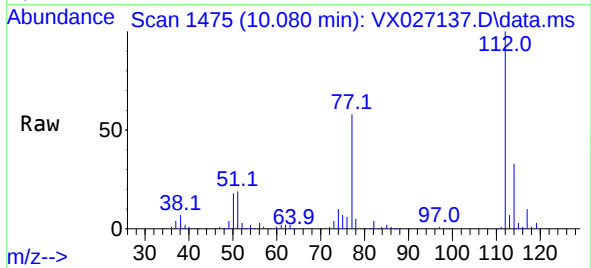
VSTDICC020

Tgt Ion:112 Resp: 51610
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

Manual Integrations

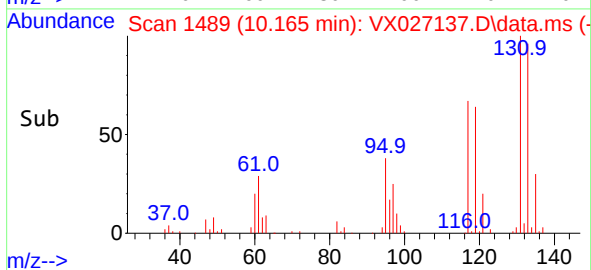
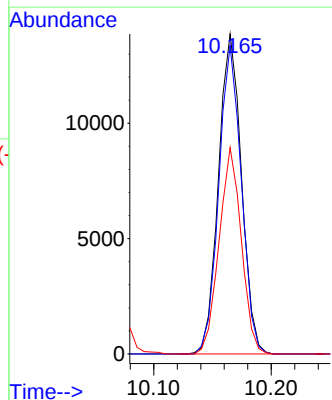
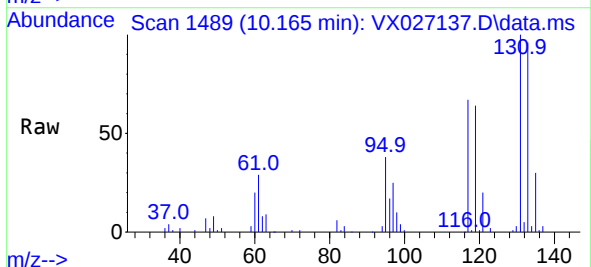
APPROVED

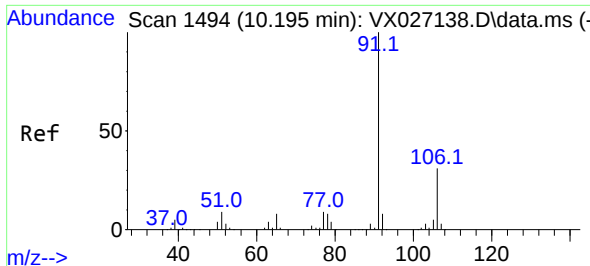
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:131 Resp: 18828
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 62.5 31.7 95.1





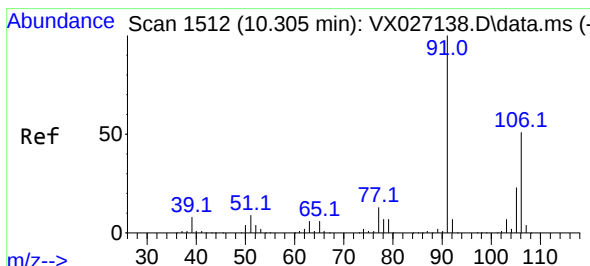
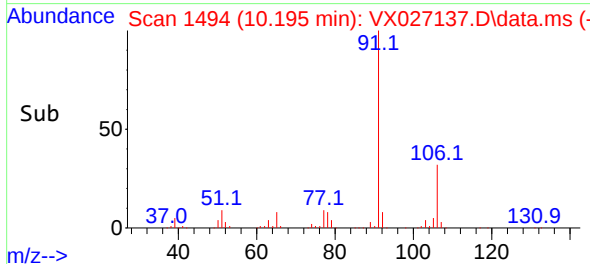
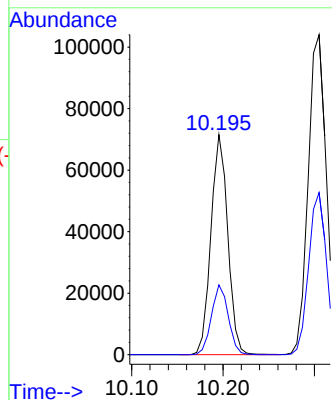
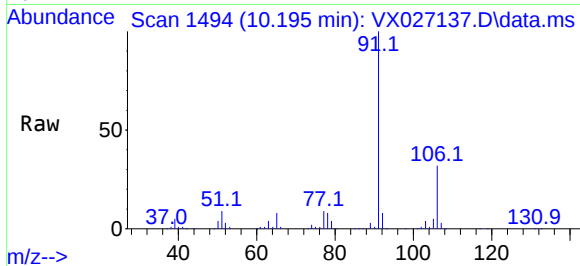
#67
Ethyl Benzene
Concen: 19.441 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9166
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

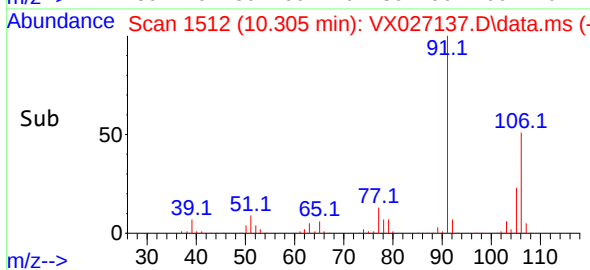
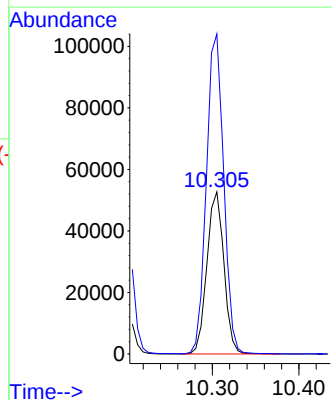
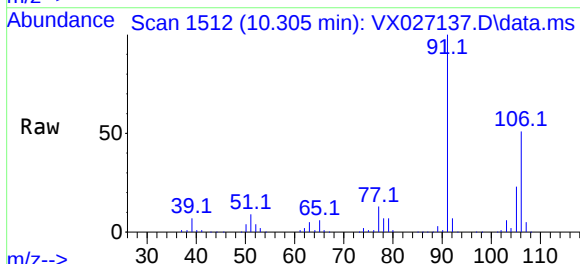
Manual Integrations
APPROVED

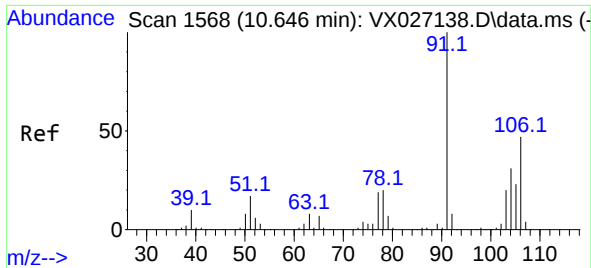
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 39.377 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:106 Resp: 71790
Ion Ratio Lower Upper
106 100
91 201.0 165.3 247.9





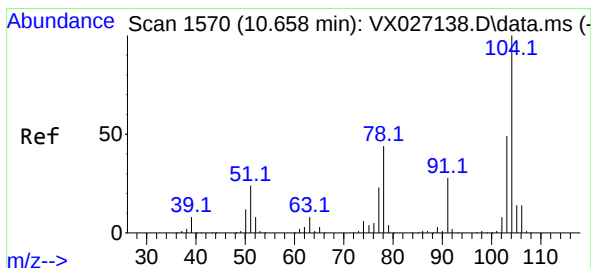
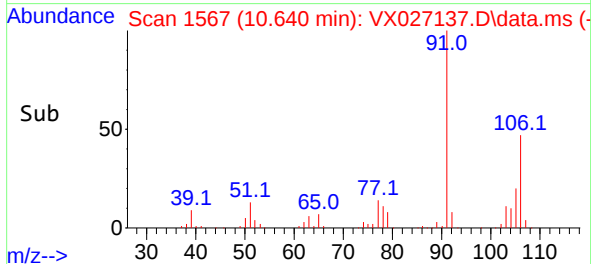
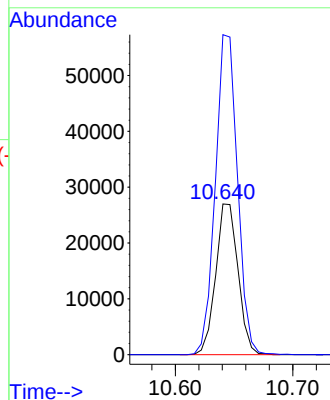
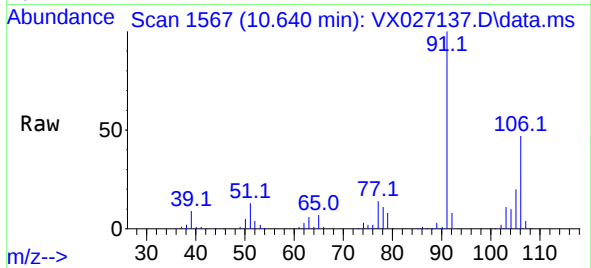
#69
o-Xylene
Concen: 19.925 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 35634
Ion Ratio Lower Upper
106 100
91 211.0 109.7 329.0

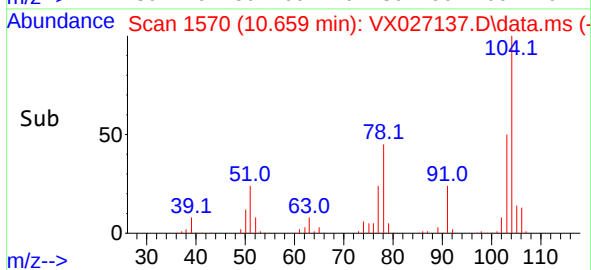
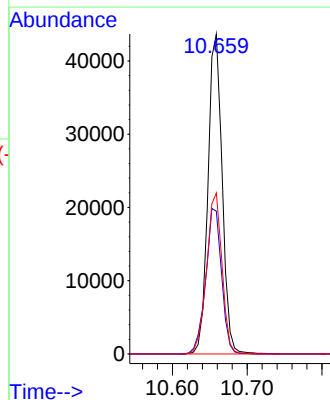
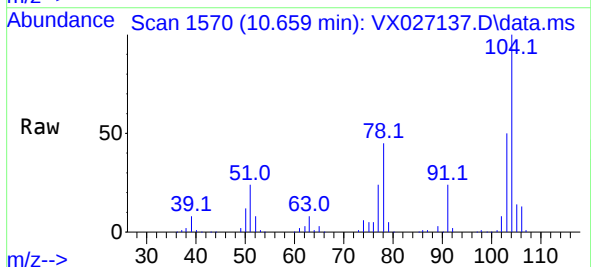
Manual Integrations
APPROVED

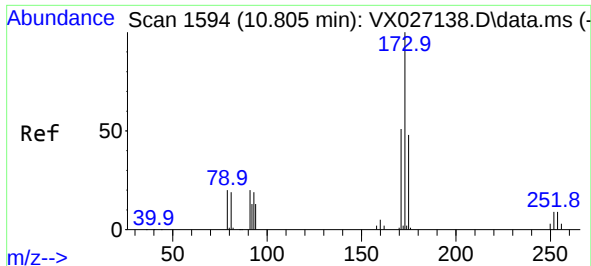
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 19.727 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:104 Resp: 57471
Ion Ratio Lower Upper
104 100
78 50.8 42.5 63.7
103 54.8 43.3 64.9





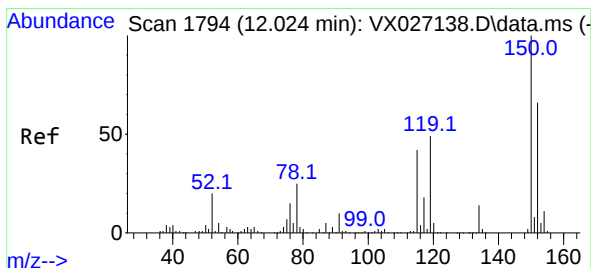
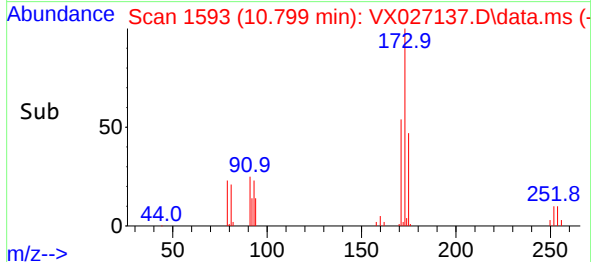
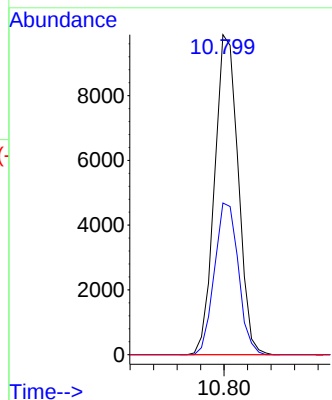
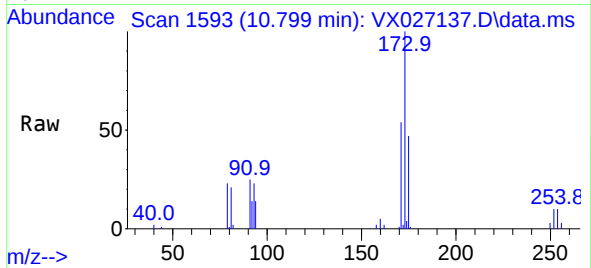
#71
Bromoform
Concen: 19.988 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 1379
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.9
254 0.0 0.0 0.0

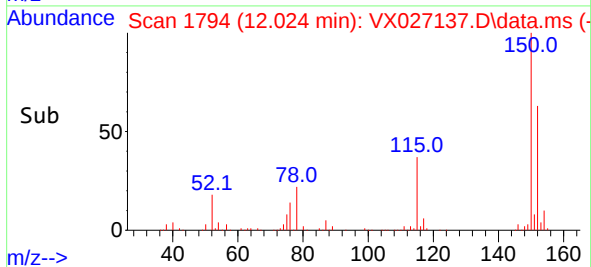
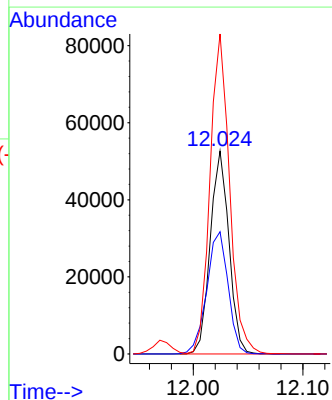
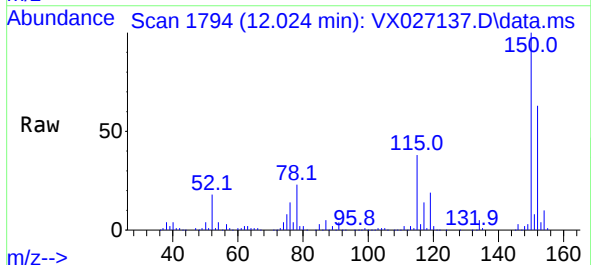
Manual Integrations
APPROVED

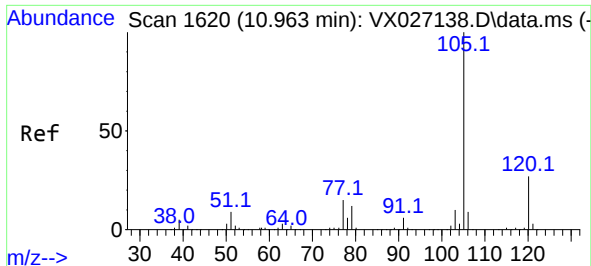
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

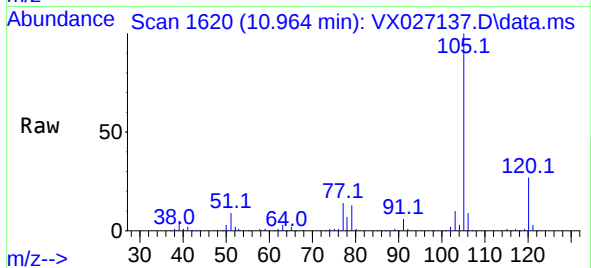
Tgt Ion:152 Resp: 62486
Ion Ratio Lower Upper
152 100
115 68.8 44.2 132.6
150 164.7 0.0 348.2





#73
Isopropylbenzene
Concen: 18.770 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

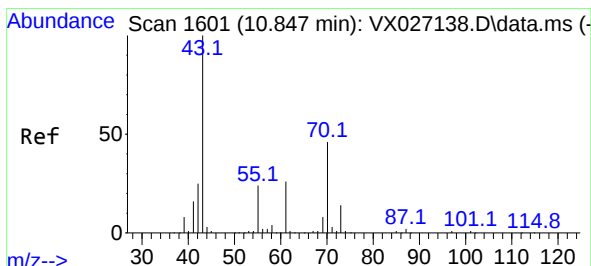
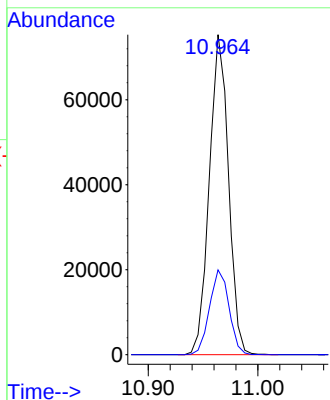
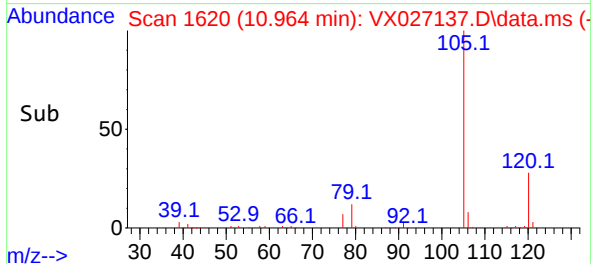
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



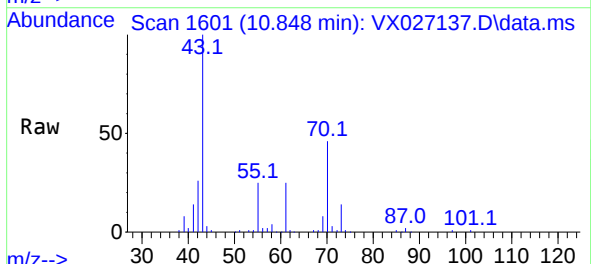
Tgt Ion:105 Resp: 91430
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

Manual Integrations
APPROVED

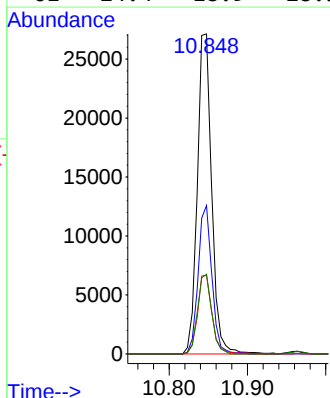
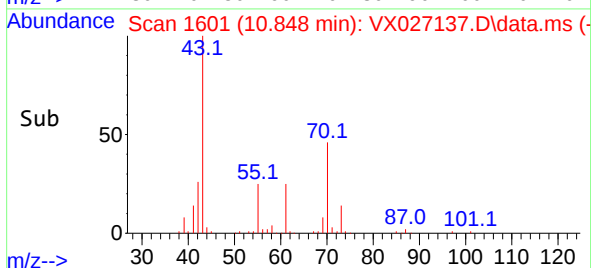
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

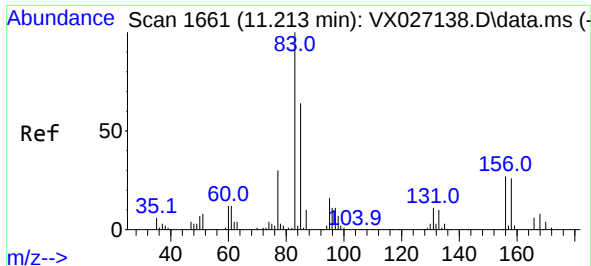


#74
N-ethyl acetate
Concen: 17.880 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 43 Resp: 34736
Ion Ratio Lower Upper
43 100
70 44.2 32.9 49.3
55 24.6 18.3 27.5
61 24.4 18.9 28.3





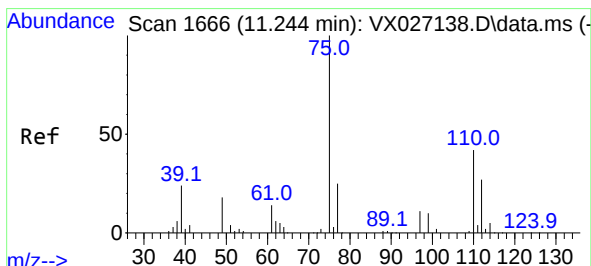
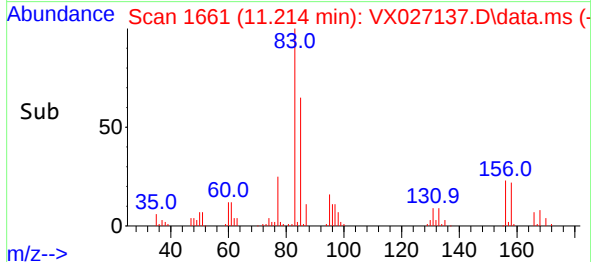
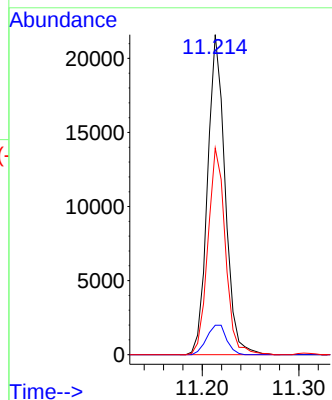
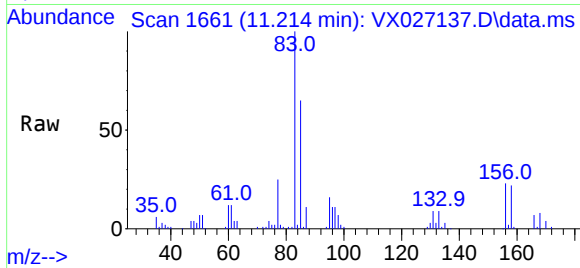
#75
1,1,2,2-Tetrachloroethane
Concen: 20.214 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 27229
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.4 32.0 96.2

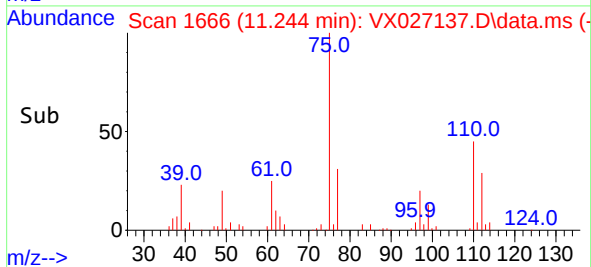
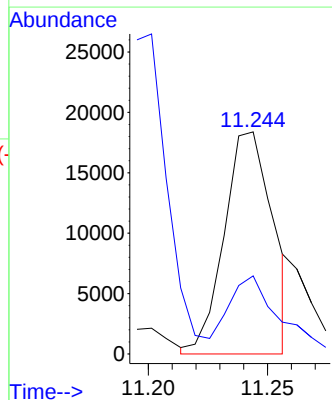
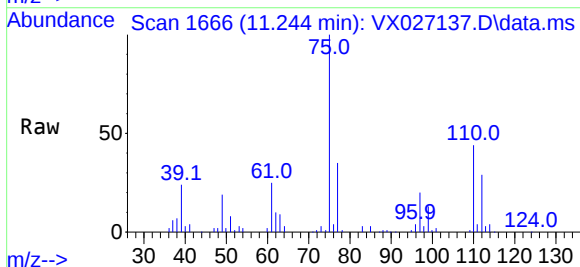
Manual Integrations
APPROVED

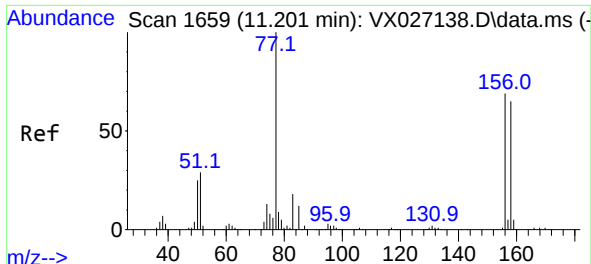
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#76
1,2,3-Trichloropropane
Concen: 19.262 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

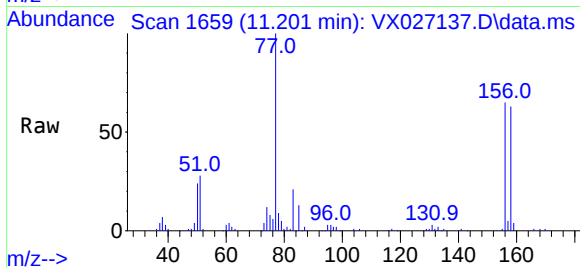
Tgt Ion: 75 Resp: 26221
Ion Ratio Lower Upper
75 100
77 37.4 18.3 54.8





#77
Bromobenzene
Concen: 18.998 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

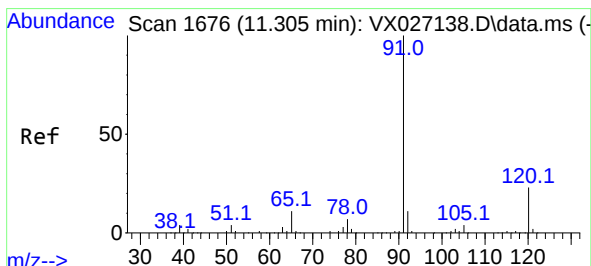
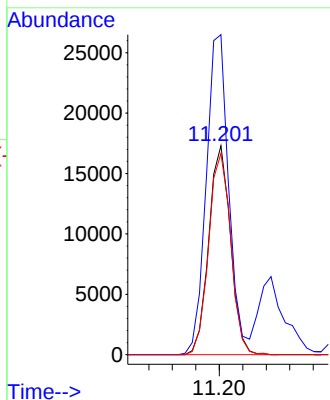
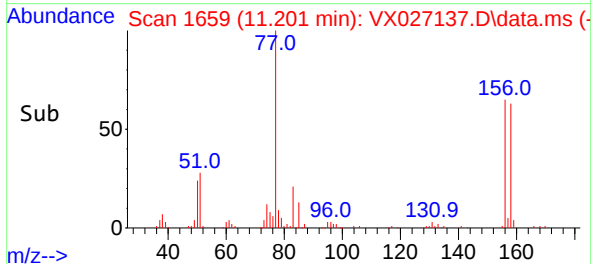
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



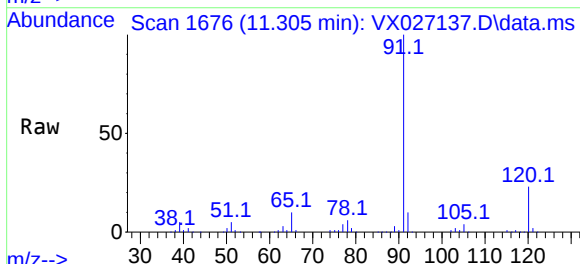
Tgt Ion:156 Resp: 2223
Ion Ratio Lower Upper
156 100
77 158.6 84.5 253.4
158 97.6 48.1 144.4

Manual Integrations
APPROVED

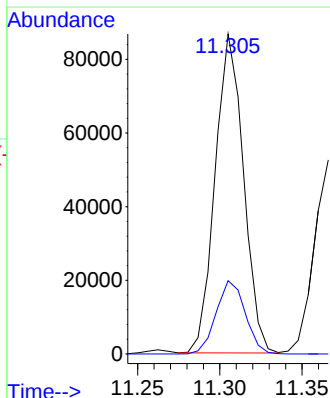
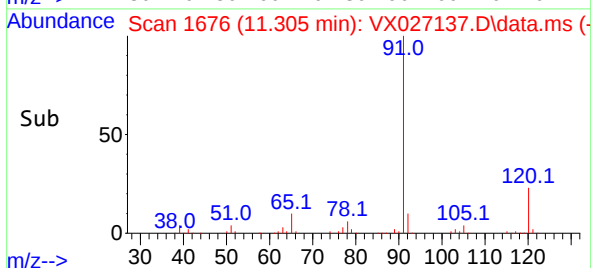
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

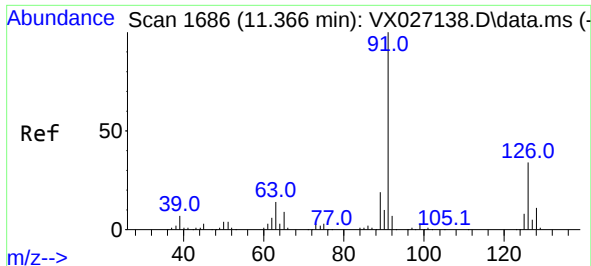


#78
n-propylbenzene
Concen: 19.175 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion: 91 Resp: 103989
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.7





#79
2-Chlorotoluene
Concen: 18.864 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

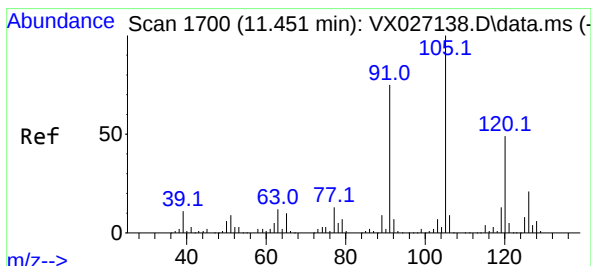
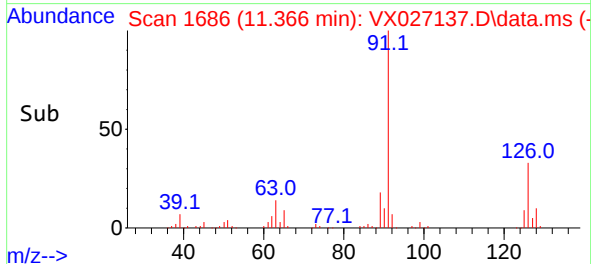
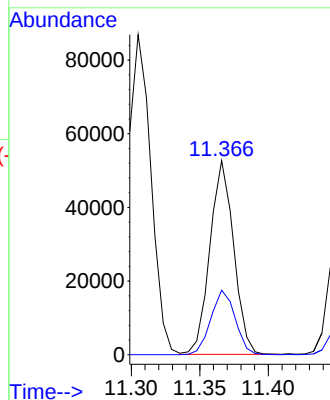
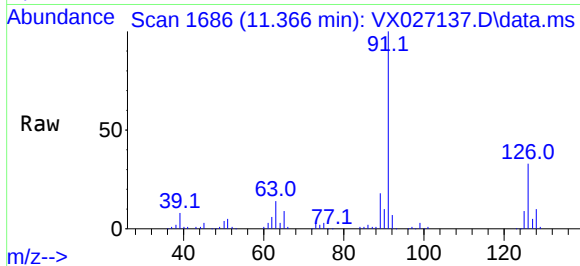
VSTDIC020

Tgt Ion: 91 Resp: 63395
Ion Ratio Lower Upper
91 100
126 34.1 16.4 49.2

Manual Integrations

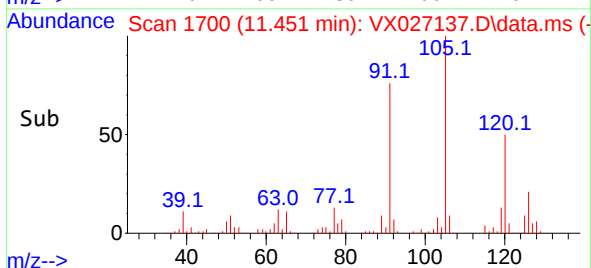
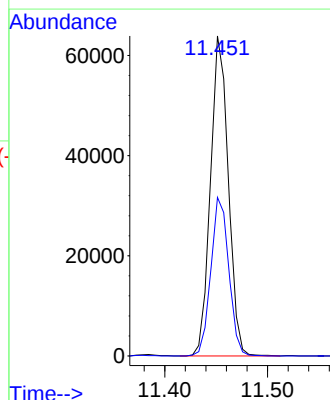
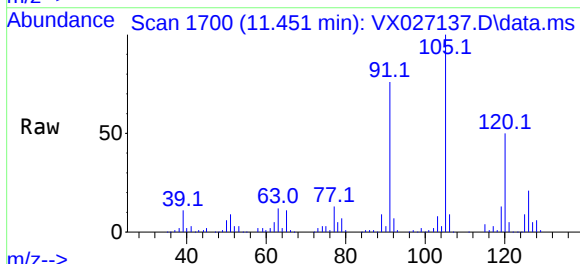
APPROVED

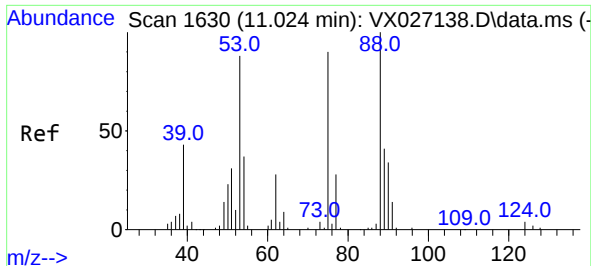
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.082 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:105 Resp: 77025
Ion Ratio Lower Upper
105 100
120 49.8 24.0 72.0





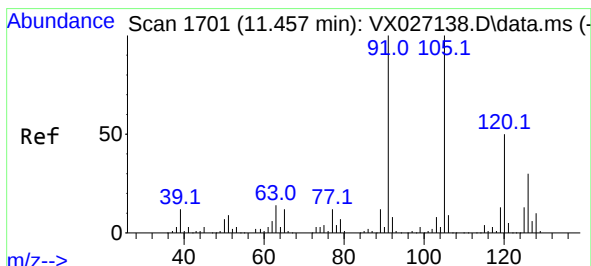
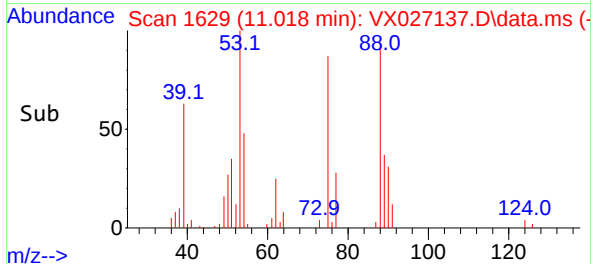
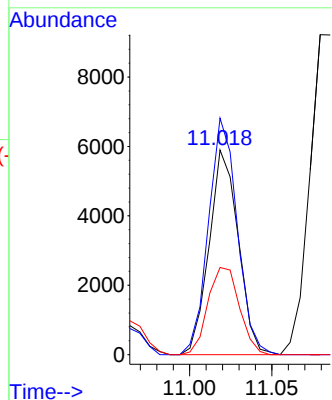
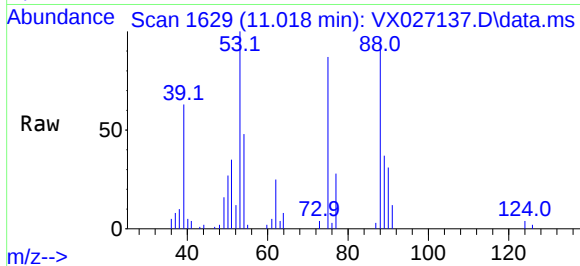
#81
trans-1,4-Dichloro-2-butene
Concen: 18.372 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7272
Ion Ratio Lower Upper
75 100
53 114.1 94.0 141.0
89 46.2 37.0 55.4

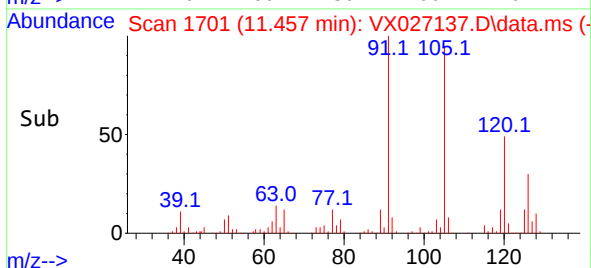
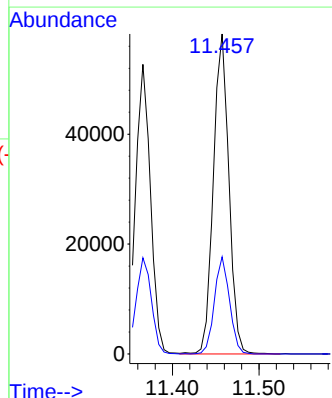
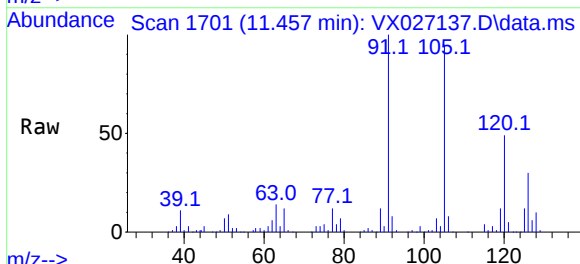
Manual Integrations
APPROVED

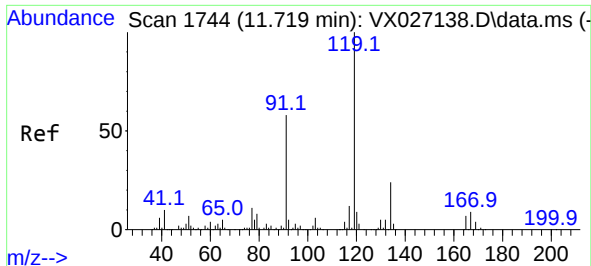
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#82
4-Chlorotoluene
Concen: 19.242 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

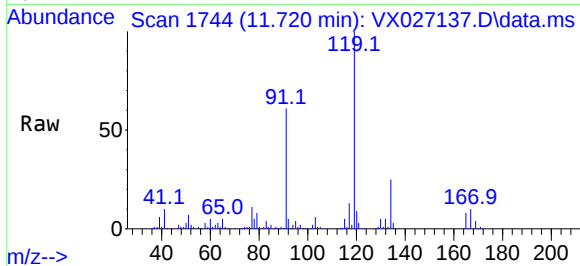
Tgt Ion: 91 Resp: 72521
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.190 ug/l
RT: 11.720 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

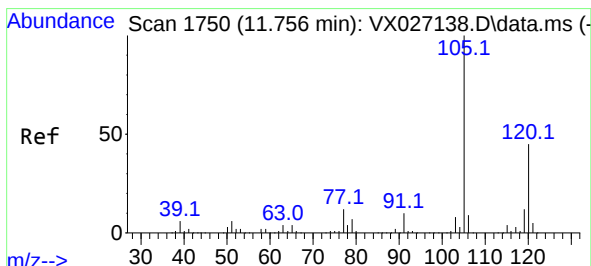
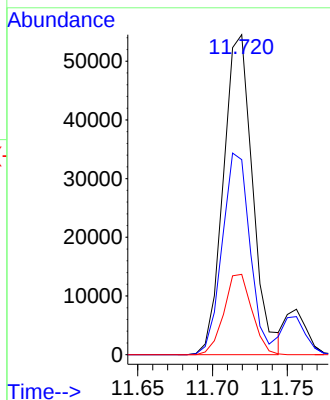
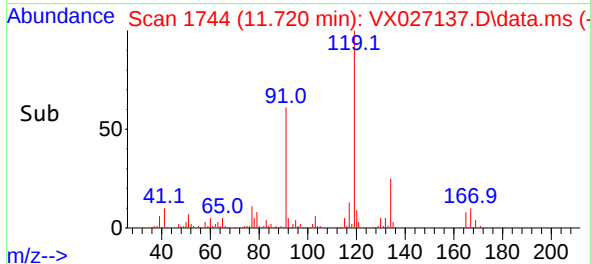
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



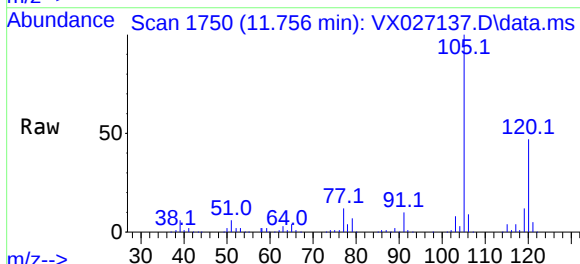
Tgt Ion:119 Resp: 7413
Ion Ratio Lower Upper
119 100
91 59.8 31.4 94.0
134 24.2 11.8 35.3

Manual Integrations
APPROVED

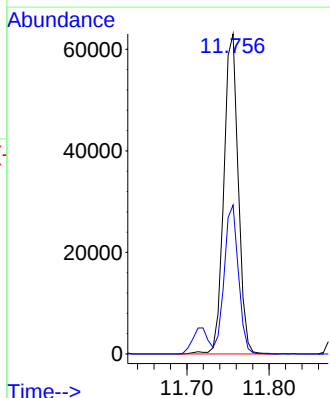
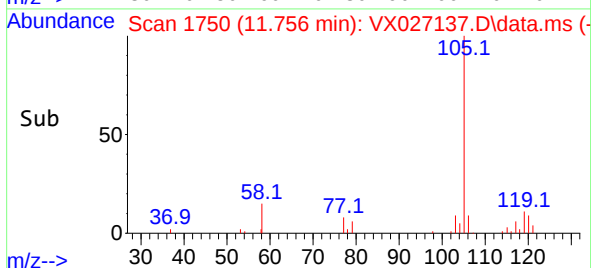
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

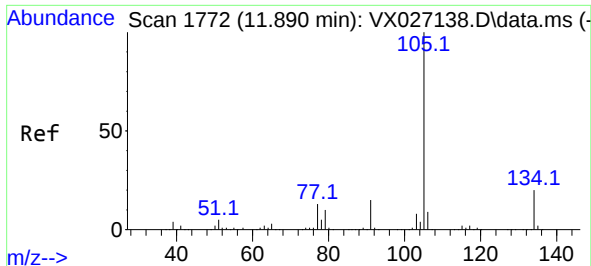


#84
1,2,4-Trimethylbenzene
Concen: 18.913 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion:105 Resp: 77059
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 19.101 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027137.D
 Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

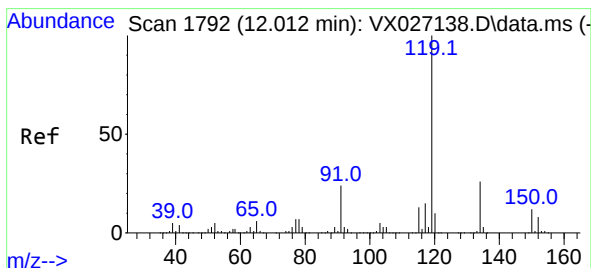
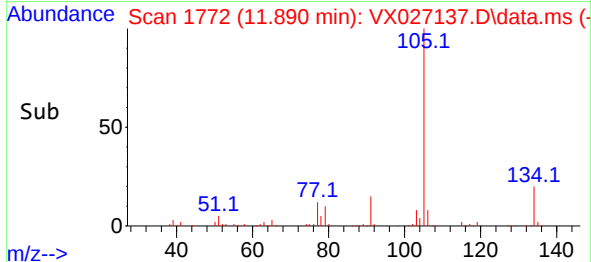
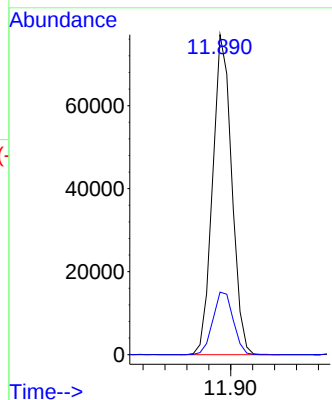
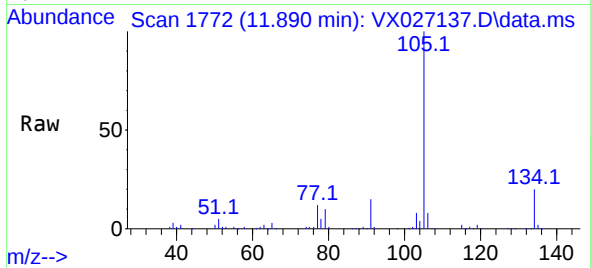
VSTDIC020

Tgt Ion:105 Resp: 9336
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

Manual Integrations

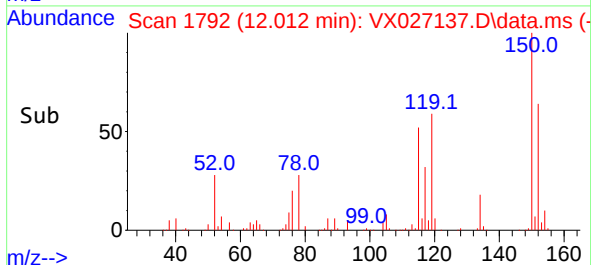
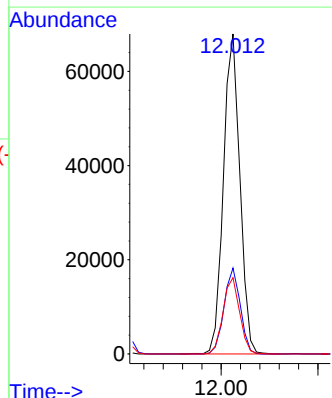
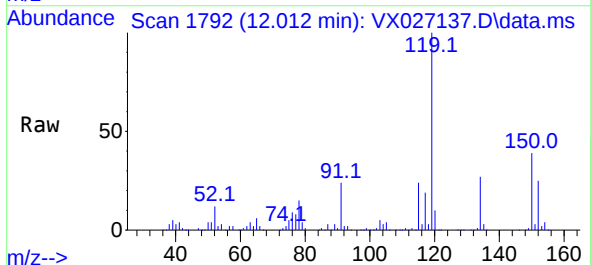
APPROVED

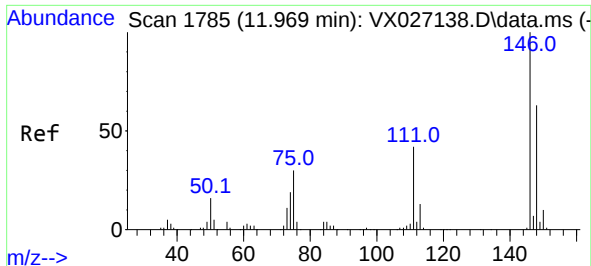
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 19.303 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027137.D
 Acq: 23 Feb 2022 11:28

Tgt Ion:119 Resp: 79946
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 24.0 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 19.379 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 41789

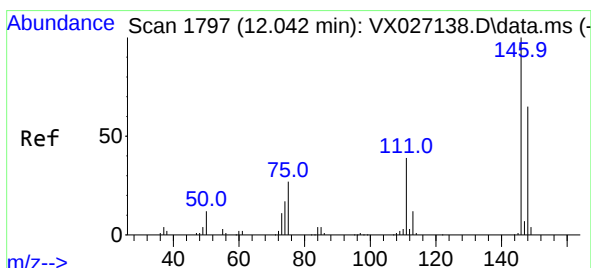
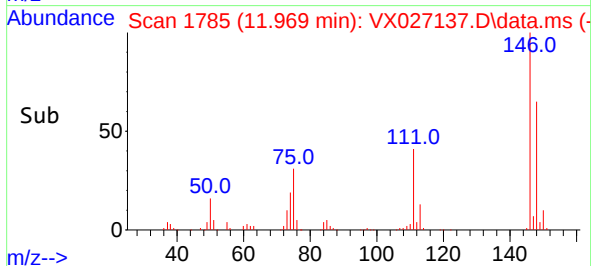
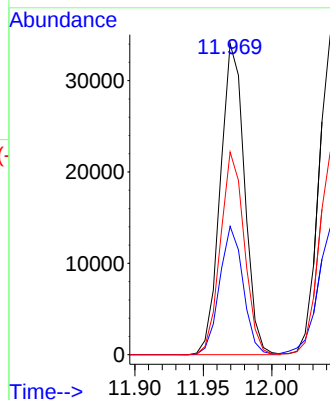
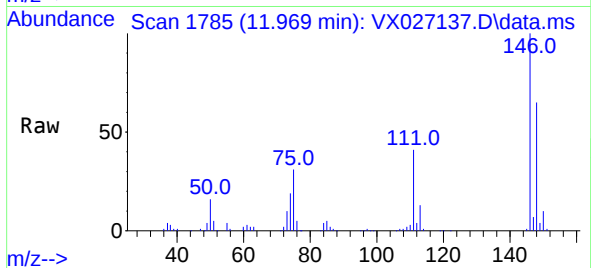
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.3	63.7
148	64.4	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 19.598 ug/l

RT: 12.043 min Scan# 1797

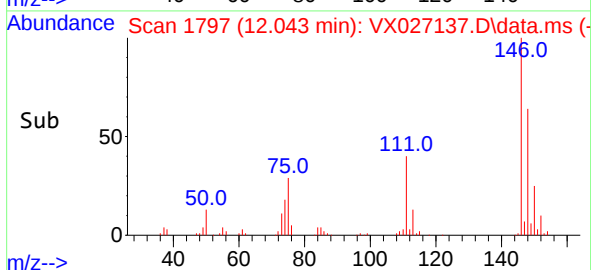
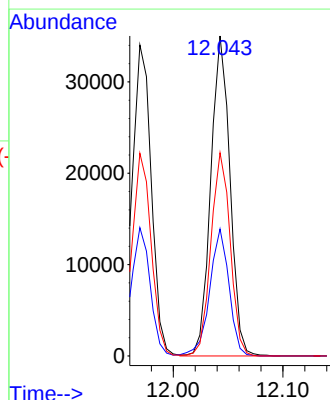
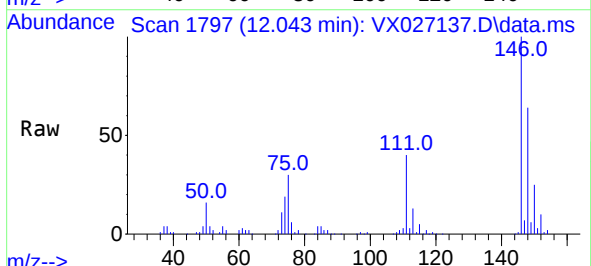
Delta R.T. 0.000 min

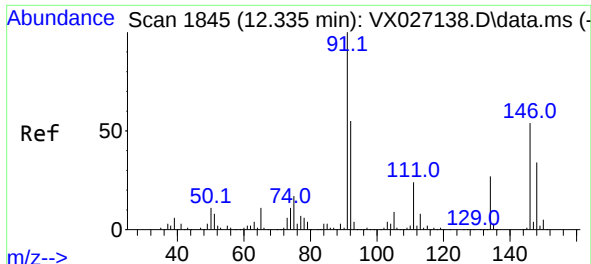
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion:146 Resp: 42628

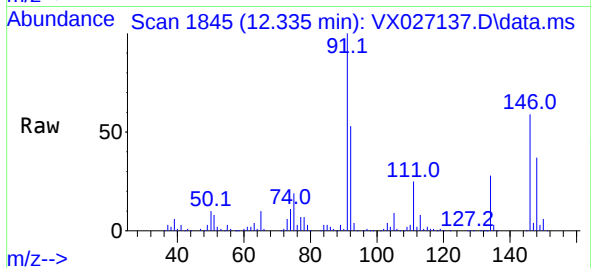
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.8	31.4	94.0





#89
n-Butylbenzene
Concen: 19.229 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

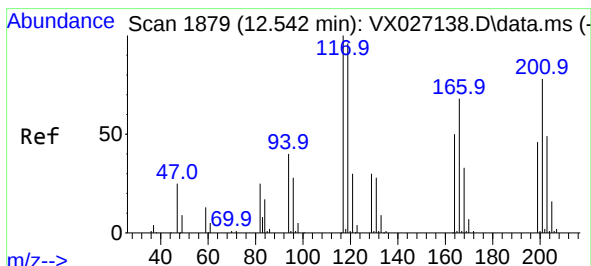
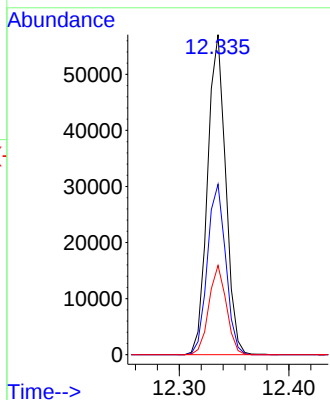
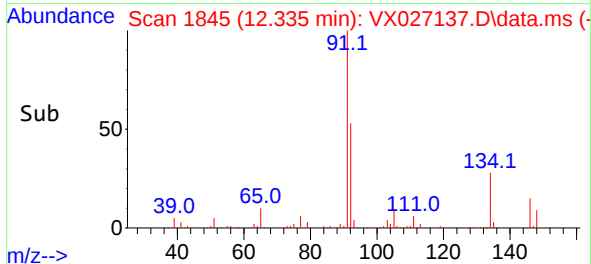
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



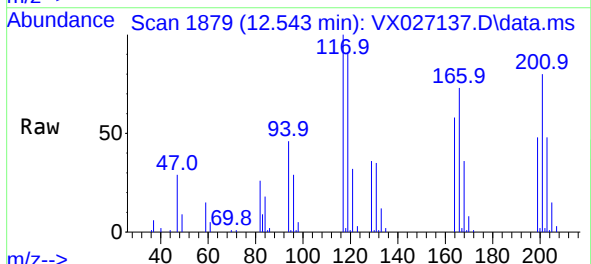
Tgt Ion: 91 Resp: 65438
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.6
134 26.9 13.1 39.1

Manual Integrations
APPROVED

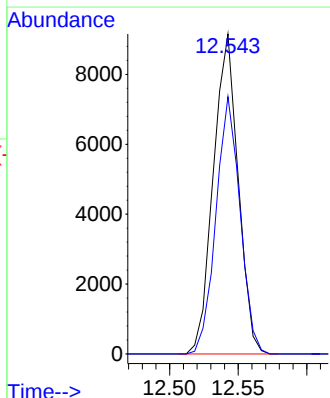
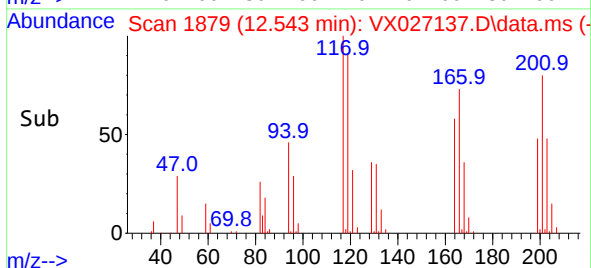
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

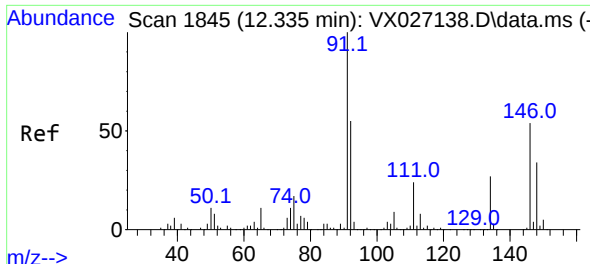


#90
Hexachloroethane
Concen: 19.037 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion:117 Resp: 11531
Ion Ratio Lower Upper
117 100
201 78.0 35.6 106.8





#91

1,2-Dichlorobenzene

Concen: 19.934 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 41428

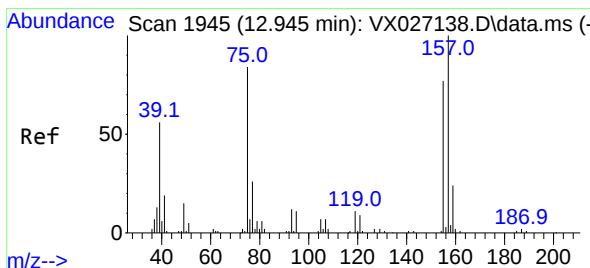
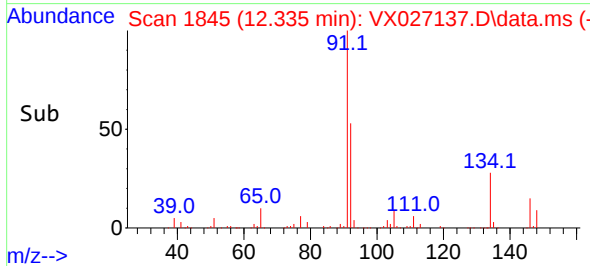
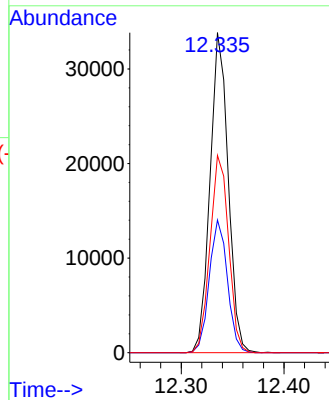
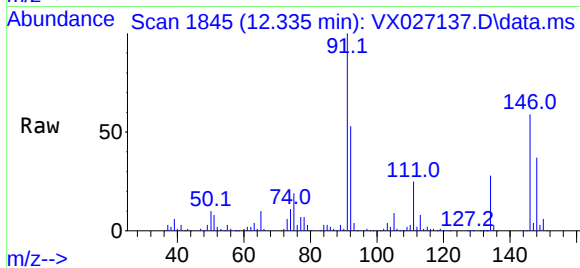
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.8	65.3
148	63.3	32.0	96.2

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.678 ug/l

RT: 12.945 min Scan# 1945

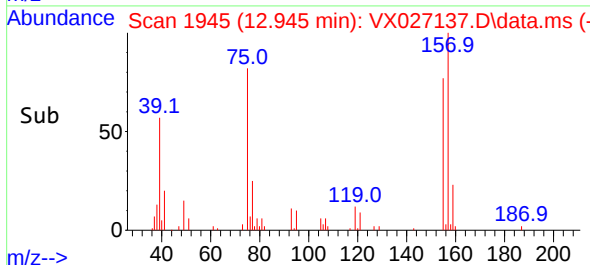
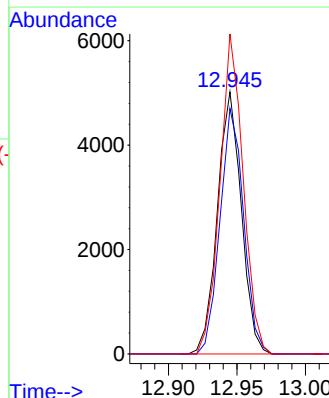
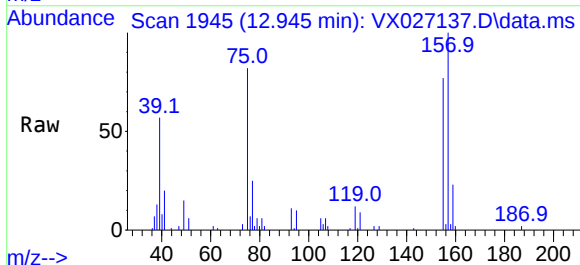
Delta R.T. 0.000 min

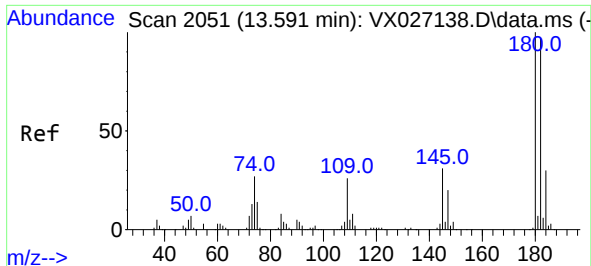
Lab File: VX027137.D

Acq: 23 Feb 2022 11:28

Tgt Ion: 75 Resp: 6092

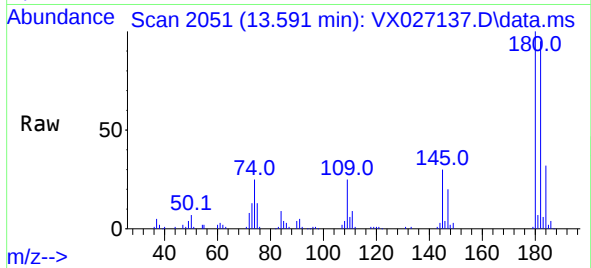
Ion	Ratio	Lower	Upper
75	100		
155	92.4	40.0	119.9
157	118.5	51.6	154.8





#93
1,2,4-Trichlorobenzene
Concen: 19.734 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

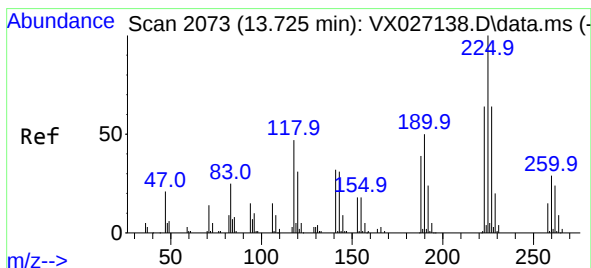
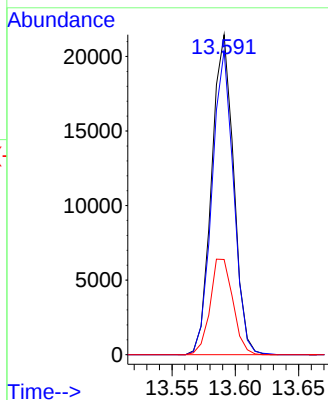
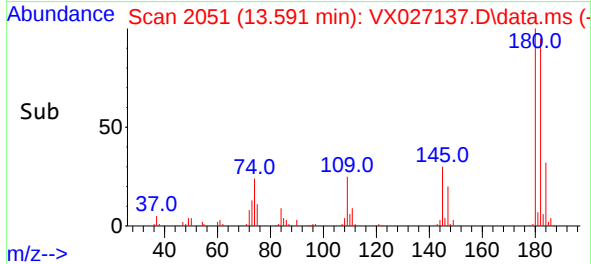
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



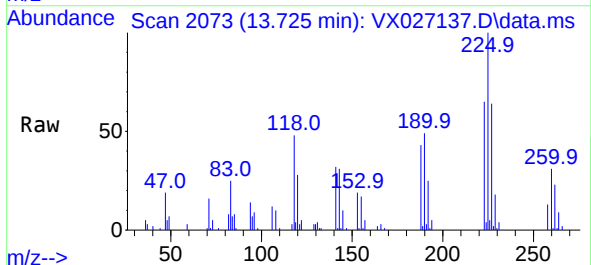
Tgt Ion:180 Resp: 25914
Ion Ratio Lower Upper
180 100
182 92.8 46.7 140.0
145 30.9 16.3 48.8

Manual Integrations
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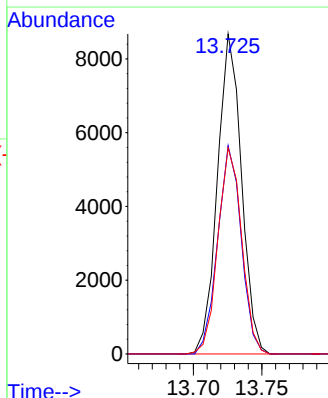
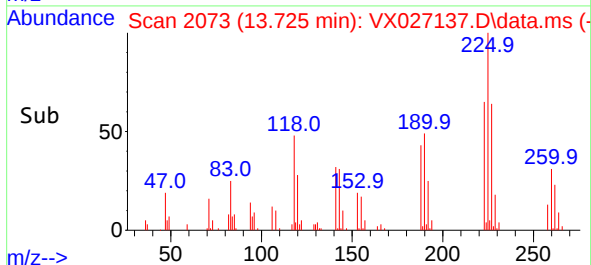
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

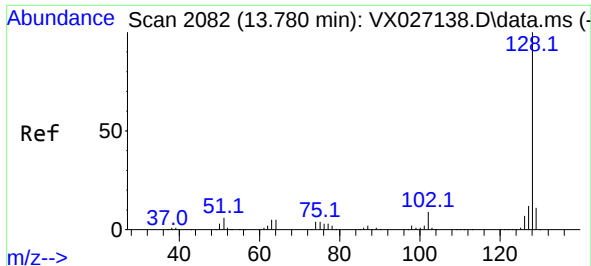


#94
Hexachlorobutadiene
Concen: 19.110 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28



Tgt Ion:225 Resp: 10581
Ion Ratio Lower Upper
225 100
223 63.7 32.0 96.0
227 63.7 32.3 96.9





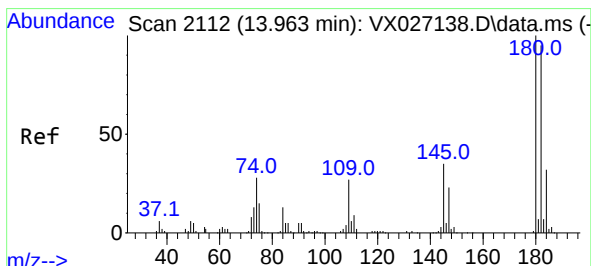
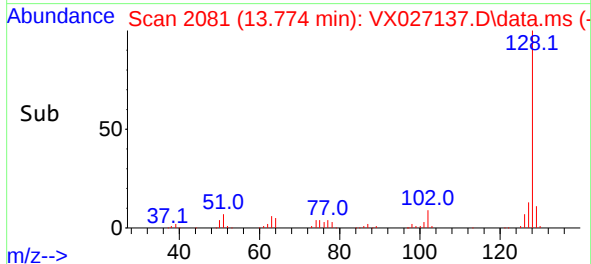
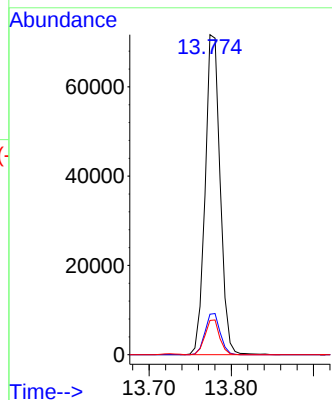
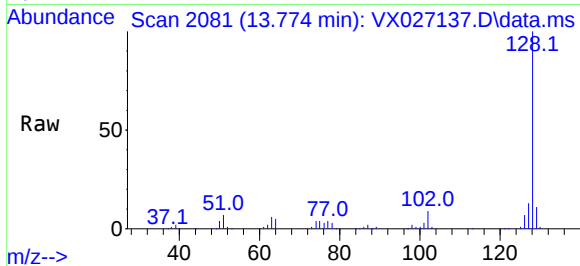
#95
Naphthalene
Concen: 19.773 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 9051
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.322 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027137.D
Acq: 23 Feb 2022 11:28

Tgt Ion:180 Resp: 25663
Ion Ratio Lower Upper
180 100
182 98.5 47.2 141.6
145 33.6 17.5 52.5

