

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027048.D
 Acq On : 16 Feb 2022 14:27
 Operator : JC/MD
 Sample : VX0216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 07:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84192	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	135818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53012	52.454	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.900%			
35) Dibromofluoromethane	5.385	113	42294	52.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.647	98	159474	53.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.380%			
62) 4-Bromofluorobenzene	11.079	95	61705	59.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	17318	18.917	ug/l	100
3) Chloromethane	1.295	50	16039	18.833	ug/l	100
4) Vinyl Chloride	1.374	62	16375	18.368	ug/l	95
5) Bromomethane	1.611	94	9834	25.995	ug/l	99
6) Chloroethane	1.691	64	9765	18.219	ug/l	96
7) Trichlorofluoromethane	1.892	101	25105	19.136	ug/l	100
8) Diethyl Ether	2.136	74	9189	18.908	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16983	19.749	ug/l	99
10) Methyl Iodide	2.453	142	20677	18.808	ug/l	97
11) Tert butyl alcohol	2.953	59	16365	89.634	ug/l	95
12) 1,1-Dichloroethene	2.325	96	15782	18.316	ug/l	94
13) Acrolein	2.239	56	12867	76.261	ug/l	99
14) Allyl chloride	2.666	41	29229	19.151	ug/l	96
15) Acrylonitrile	3.062	53	51840	99.084	ug/l	99
16) Acetone	2.380	43	47483	106.972	ug/l	95
17) Carbon Disulfide	2.514	76	39925	16.368	ug/l	100
18) Methyl Acetate	2.703	43	24022	18.809	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	57527	18.862	ug/l	100
20) Methylene Chloride	2.794	84	18436	19.168	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	17130	18.893	ug/l	94
22) Diisopropyl ether	3.757	45	60273	19.615	ug/l	93
23) Vinyl Acetate	3.721	43	251970	97.530	ug/l	98
24) 1,1-Dichloroethane	3.611	63	32384	19.476	ug/l	99
25) 2-Butanone	4.550	43	71787	100.378	ug/l	99
26) 2,2-Dichloropropane	4.477	77	22923	20.404	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	20497	19.689	ug/l	96
28) Bromochloromethane	4.898	49	14022	20.344	ug/l	98
29) Tetrahydrofuran	5.001	42	47957	98.638	ug/l	99
30) Chloroform	5.093	83	34224	19.811	ug/l	100
31) Cyclohexane	5.471	56	29846	18.586	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	28861	18.949	ug/l	99
36) 1,1-Dichloropropene	5.690	75	24546	19.229	ug/l	98
37) Ethyl Acetate	4.709	43	27183	18.738	ug/l	99
38) Carbon Tetrachloride	5.678	117	25587	19.114	ug/l	99
39) Methylcyclohexane	7.379	83	30217	19.302	ug/l	97
40) Benzene	6.038	78	72292	19.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15744	20.024	ug/l	97
42) 1,2-Dichloroethane	6.086	62	27093	20.666	ug/l	99
43) Isopropyl Acetate	6.336	43	43025	19.275	ug/l	99
44) Trichloroethene	7.123	130	21252	19.025	ug/l	96
45) 1,2-Dichloropropane	7.434	63	18990	20.174	ug/l	99
46) Dibromomethane	7.580	93	13224	20.303	ug/l	98
47) Bromodichloromethane	7.824	83	25523	20.462	ug/l	99
48) Methyl methacrylate	7.690	41	21585	19.517	ug/l	96
49) 1,4-Dioxane	7.665	88	7390	387.756	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	142678	105.482	ug/l	99
52) Toluene	8.720	92	46968	19.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24941	19.322	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	28255	20.514	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	19080	21.397	ug/l	98
56) Ethyl methacrylate	9.116	69	29304	20.731	ug/l	95
57) 1,3-Dichloropropane	9.311	76	32575	21.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	61443	84.688	ug/l	98
59) 2-Hexanone	9.433	43	107762	108.921	ug/l	98
60) Dibromochloromethane	9.519	129	19774	21.551	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19753	20.966	ug/l	99
64) Tetrachloroethene	9.275	164	21783	17.431	ug/l	96
65) Chlorobenzene	10.079	112	51489	20.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18354	19.389	ug/l	99
67) Ethyl Benzene	10.195	91	90219	19.809	ug/l	100
68) m/p-Xylenes	10.299	106	70450	40.204	ug/l	97
69) o-Xylene	10.640	106	34654	20.183	ug/l	96
70) Styrene	10.659	104	57552	20.667	ug/l	98
71) Bromoform	10.799	173	13852	20.051	ug/l #	100
73) Isopropylbenzene	10.963	105	91281	19.256	ug/l	100
74) N-amyl acetate	10.842	43	34703	18.322	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	26260	20.413	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26794m	20.339	ug/l	
77) Bromobenzene	11.201	156	21928	19.461	ug/l	96
78) n-propylbenzene	11.305	91	103871	19.766	ug/l	99
79) 2-Chlorotoluene	11.366	91	62539	19.261	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75930	19.462	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7212	19.348	ug/l	97
82) 4-Chlorotoluene	11.457	91	73002	20.041	ug/l	98
83) tert-Butylbenzene	11.713	119	71423	19.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	75321	19.140	ug/l	98
85) sec-Butylbenzene	11.890	105	92997	19.730	ug/l	98
86) p-Isopropyltoluene	12.012	119	79276	19.853	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41362	20.033	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	41580	19.969	ug/l	99
89) n-Butylbenzene	12.335	91	66753	20.432	ug/l	99
90) Hexachloroethane	12.542	117	12038	20.859	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	39885	20.020	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5853	18.502	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	25254	20.086	ug/l	99
94) Hexachlorobutadiene	13.725	225	10211	19.200	ug/l	99
95) Naphthalene	13.780	128	84539	19.196	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24815	19.492	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

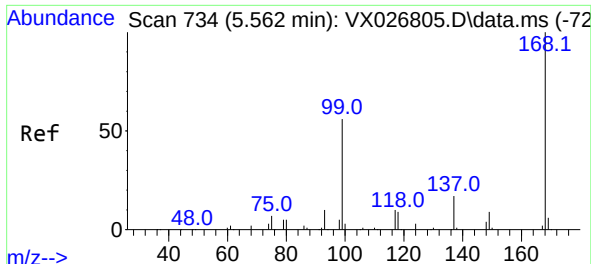
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

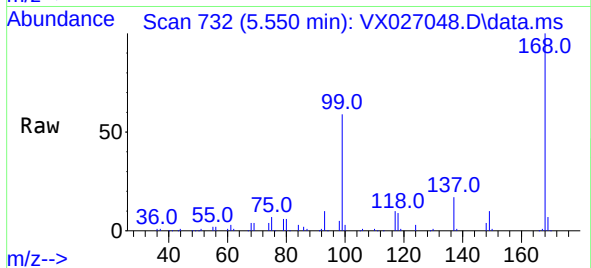
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

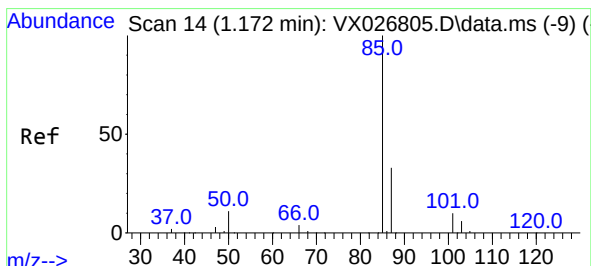
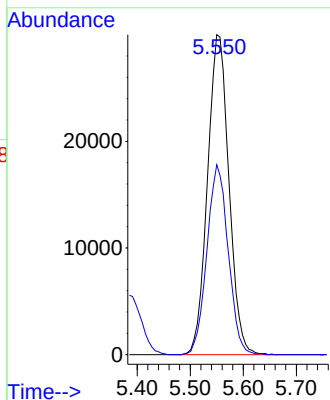
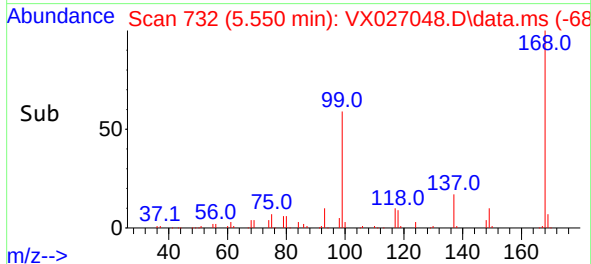
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion:168 Resp: 84192
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5

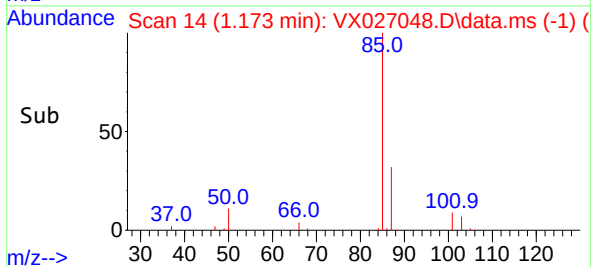
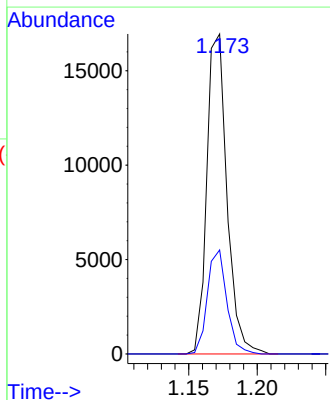
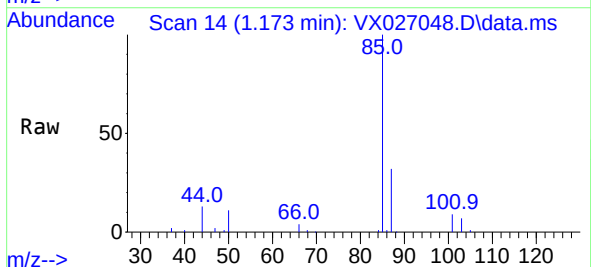
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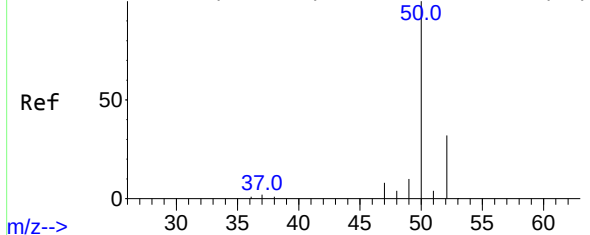


#2
Dichlorodifluoromethane
Concen: 18.917 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion: 85 Resp: 17318
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1



Abundance Scan 34 (1.294 min): VX026805.D\data.ms (-29)



#3

Chloromethane

Concen: 18.833 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 50 Resp: 16039

Ion Ratio Lower Upper

50 100

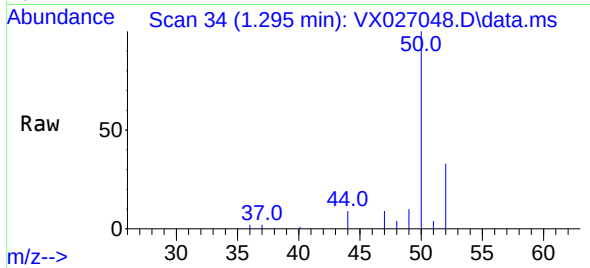
52 32.6 26.1 39.1

Manual Integrations

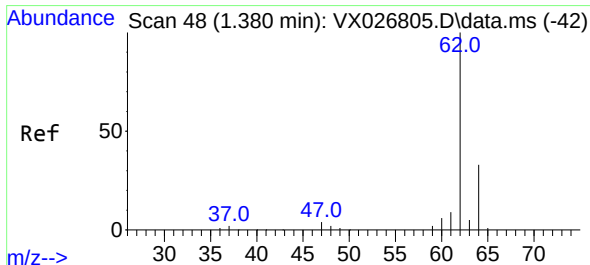
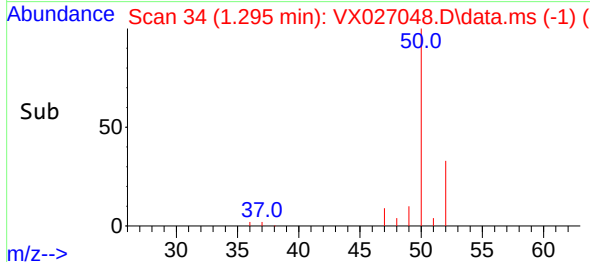
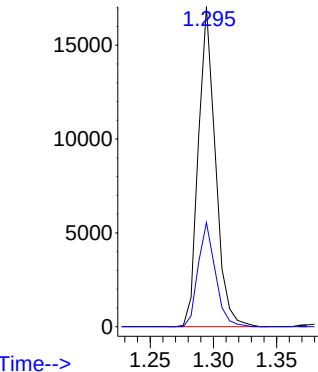
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Abundance



#4

Vinyl Chloride

Concen: 18.368 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.006 min

Lab File: VX027048.D

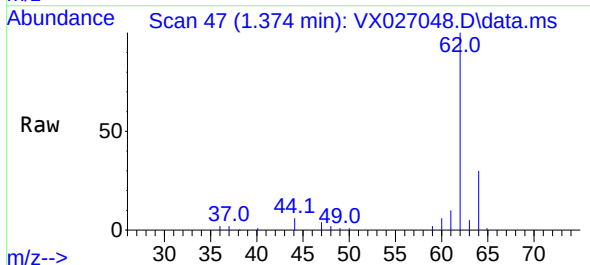
Acq: 16 Feb 2022 14:27

Tgt Ion: 62 Resp: 16375

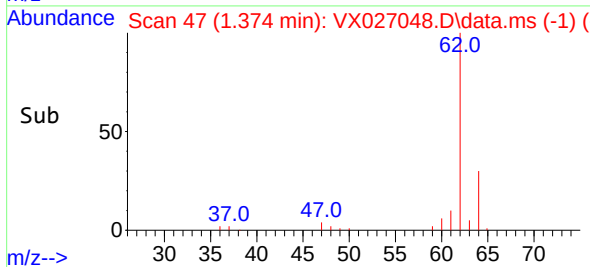
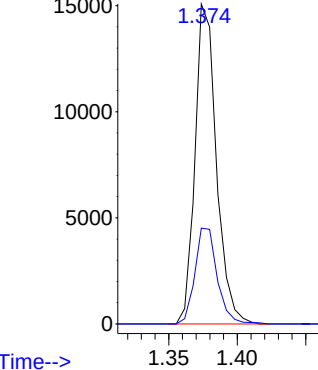
Ion Ratio Lower Upper

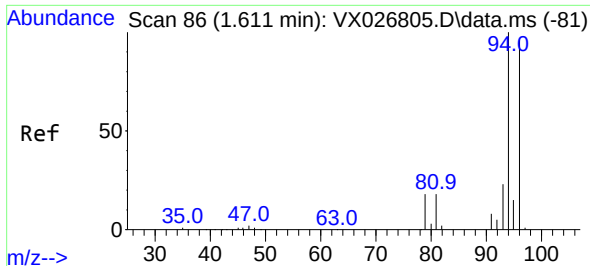
62 100

64 29.9 26.2 39.2



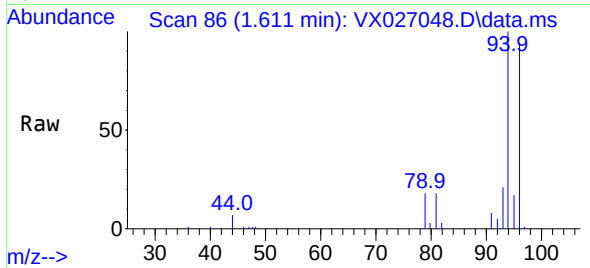
Abundance





#5
Bromomethane
Concen: 25.995 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

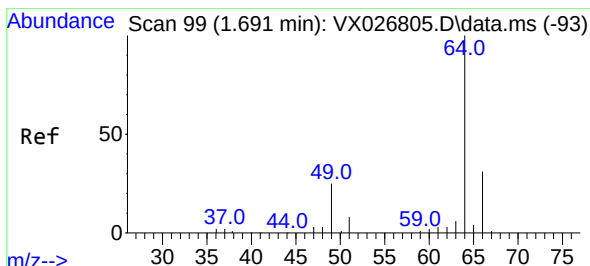
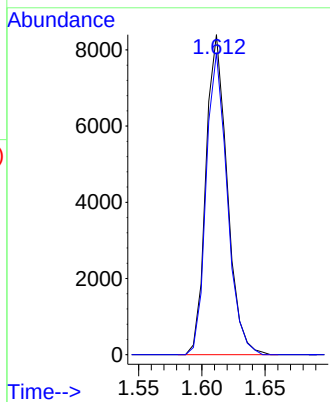
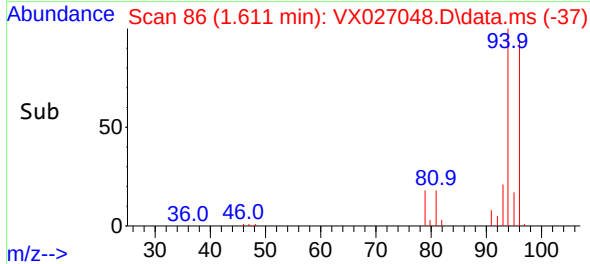
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 9834
Ion Ratio Lower Upper
94 100
96 94.3 75.9 113.9

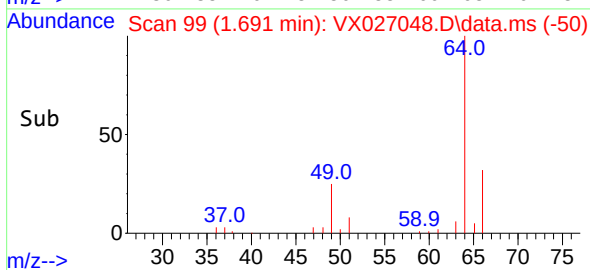
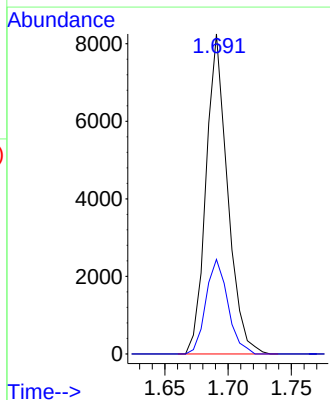
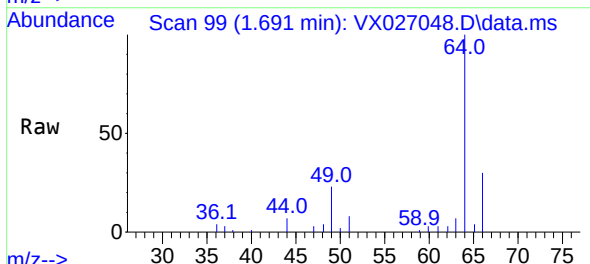
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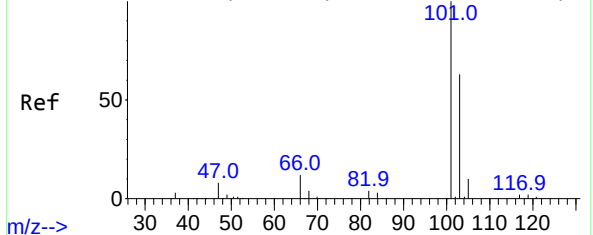


#6
Chloroethane
Concen: 18.219 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion: 64 Resp: 9765
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2



Abundance Scan 132 (1.892 min): VX026805.D\data.ms (-12



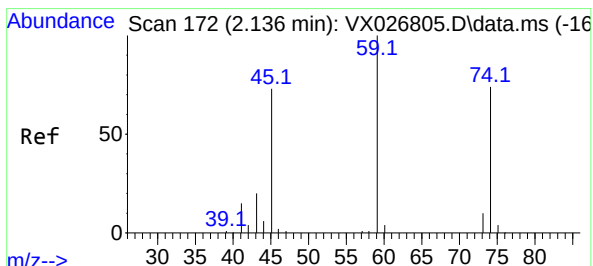
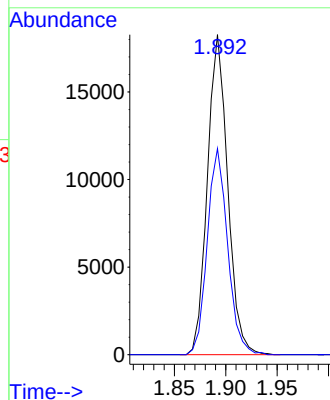
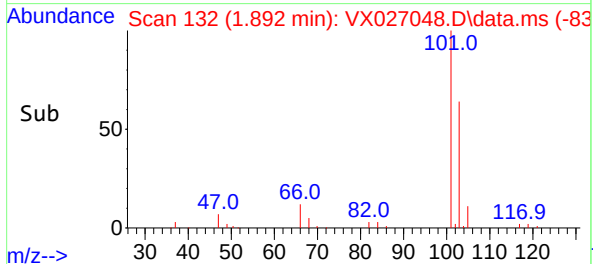
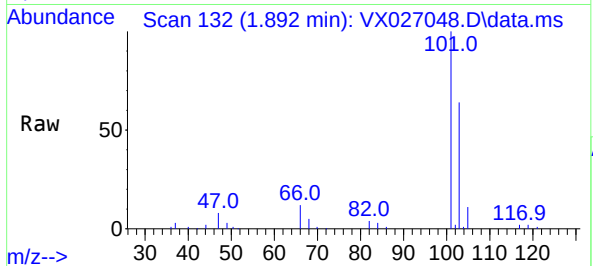
#7
Trichlorofluoromethane
Concen: 19.136 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:101 Resp: 2510
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

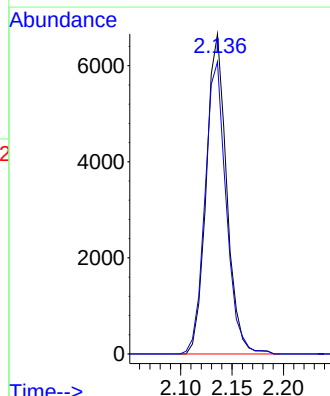
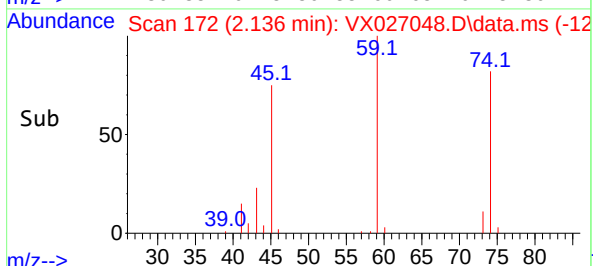
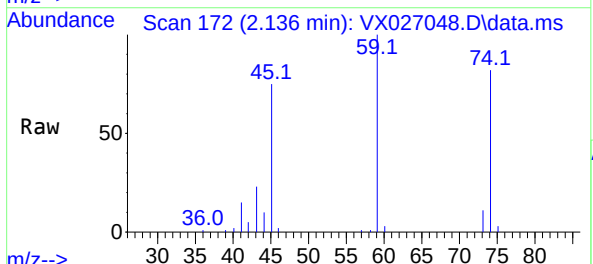
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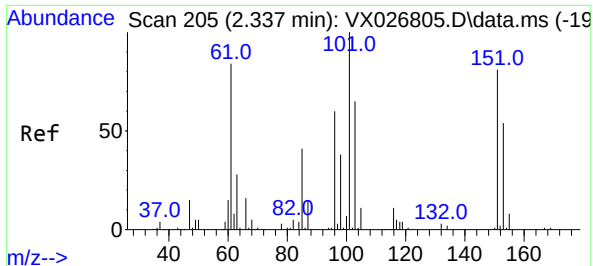
Reviewed By :John Carlone 02/17/2022
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#8
Diethyl Ether
Concen: 18.908 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion: 74 Resp: 9189
Ion Ratio Lower Upper
74 100
45 94.9 50.7 152.1





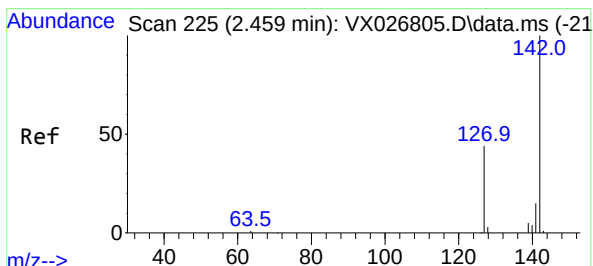
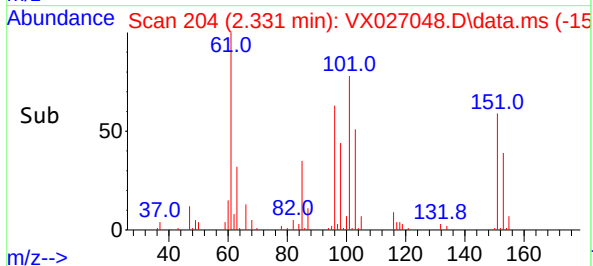
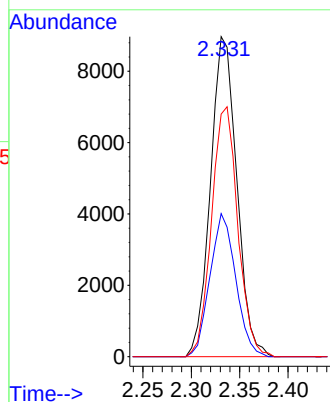
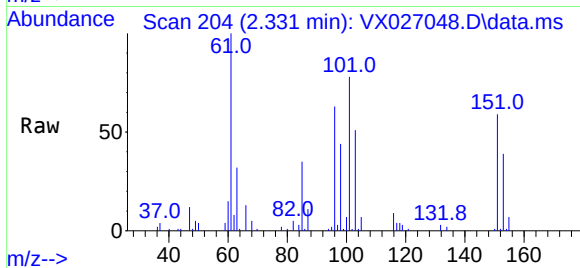
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.749 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:101 Resp: 1698
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 77.8 61.4 92.2

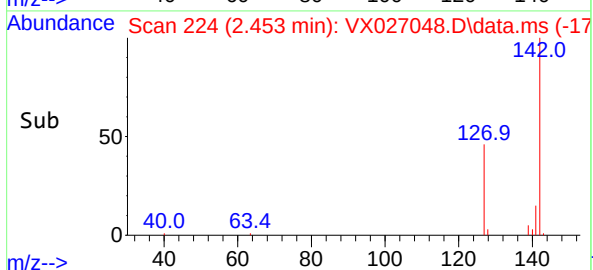
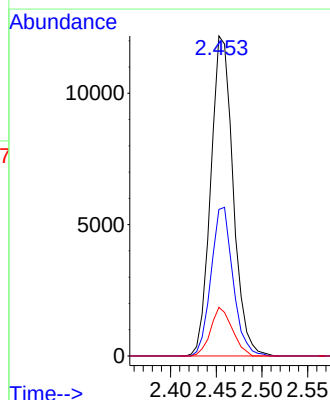
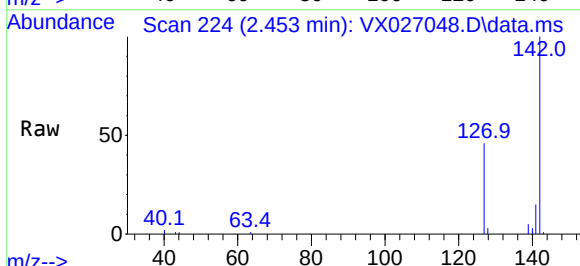
Manual Integrations
APPROVED

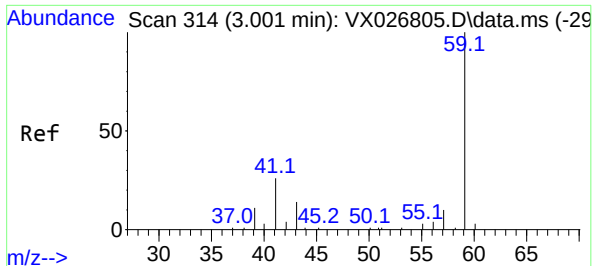
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 18.808 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

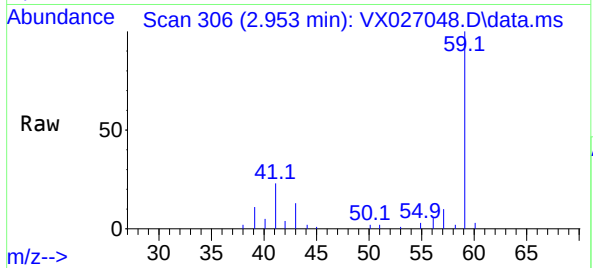
Tgt Ion:142 Resp: 20677
Ion Ratio Lower Upper
142 100
127 45.7 38.1 57.1
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 89.634 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

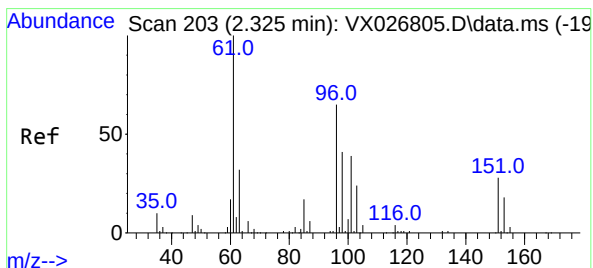
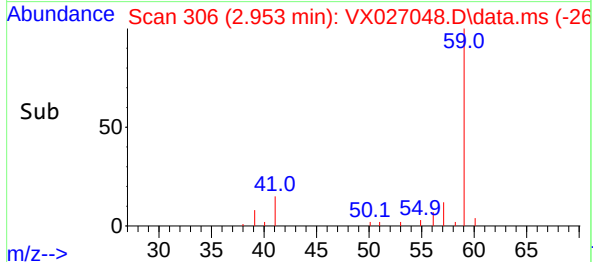
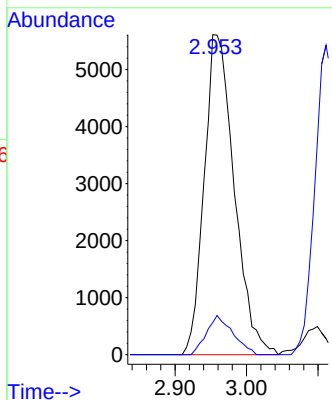
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion: 59 Resp: 1636
Ion Ratio Lower Upper
59 100
57 10.8 7.2 10.8

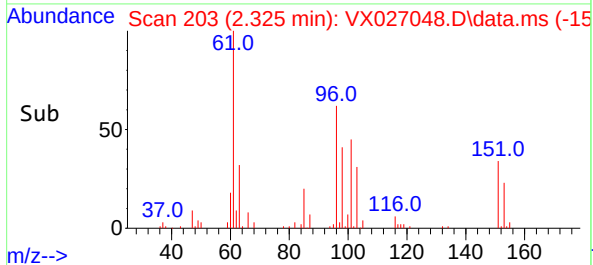
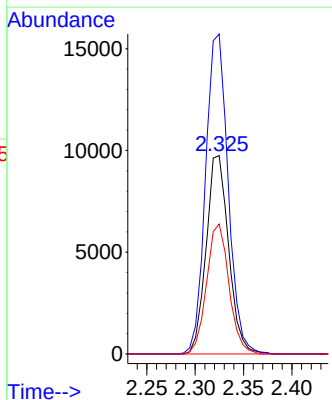
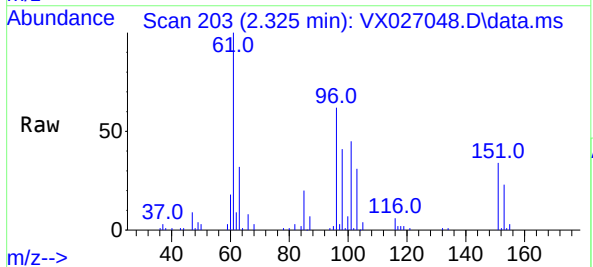
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

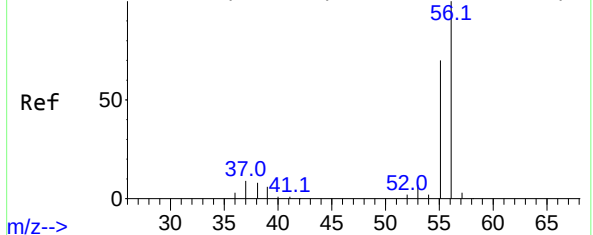


#12
1,1-Dichloroethene
Concen: 18.316 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion: 96 Resp: 15782
Ion Ratio Lower Upper
96 100
61 161.3 138.5 207.7
98 65.5 51.8 77.6



Abundance Scan 189 (2.239 min): VX026805.D\data.ms (-18



#13

Acrolein

Concen: 76.261 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 56 Resp: 1286

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3

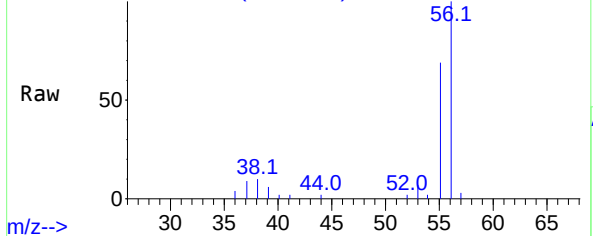
Manual Integrations

APPROVED

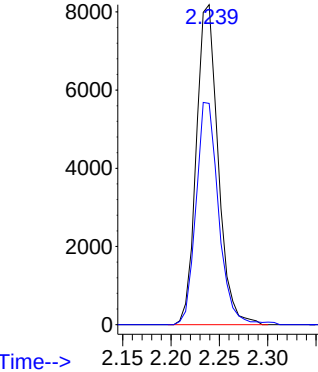
Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022

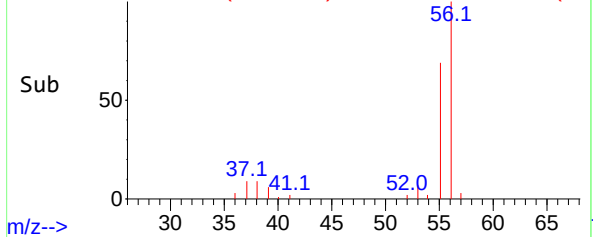
Abundance Scan 189 (2.239 min): VX027048.D\data.ms



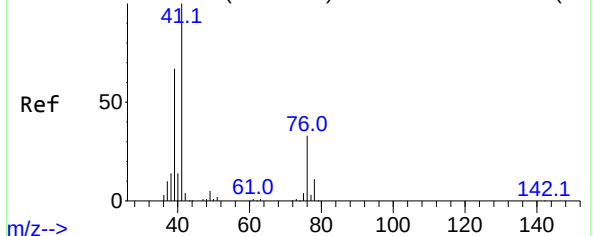
Abundance



Abundance Scan 189 (2.239 min): VX027048.D\data.ms (-14



Abundance Scan 259 (2.666 min): VX026805.D\data.ms (-24



#14

Allyl chloride

Concen: 19.151 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Tgt Ion: 41 Resp: 29229

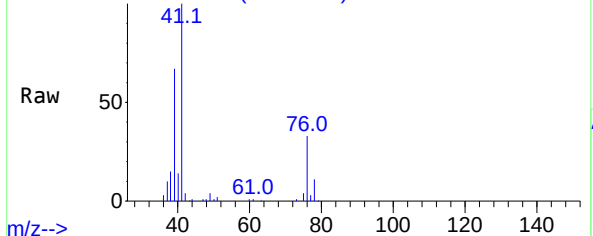
Ion Ratio Lower Upper

41 100

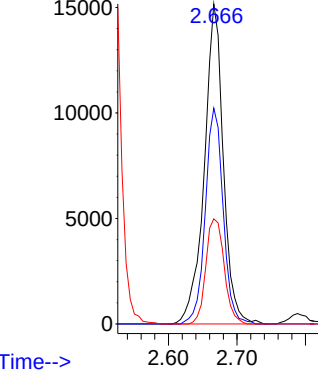
39 63.2 54.2 81.4

76 31.5 25.2 37.8

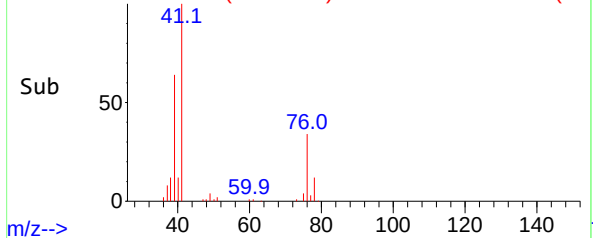
Abundance Scan 259 (2.666 min): VX027048.D\data.ms

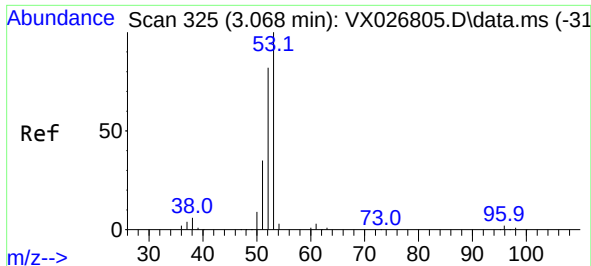


Abundance



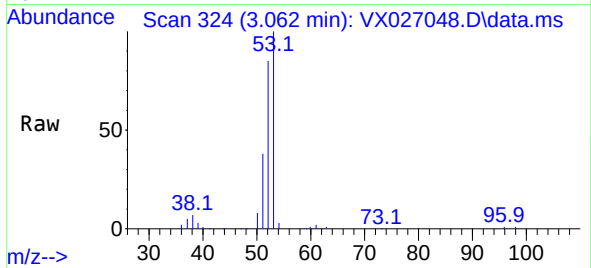
Abundance Scan 259 (2.666 min): VX027048.D\data.ms (-21





#15
Acrylonitrile
Concen: 99.084 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

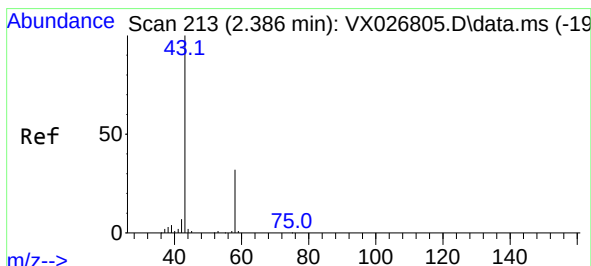
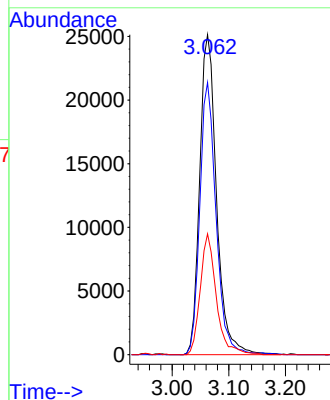
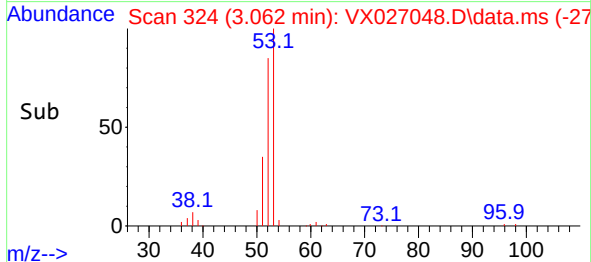
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion: 53 Resp: 51840
Ion Ratio Lower Upper
53 100
52 82.3 66.6 100.0
51 36.1 29.5 44.3

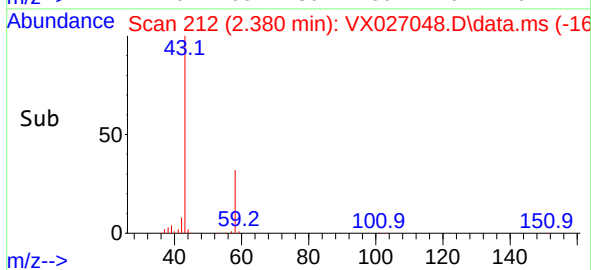
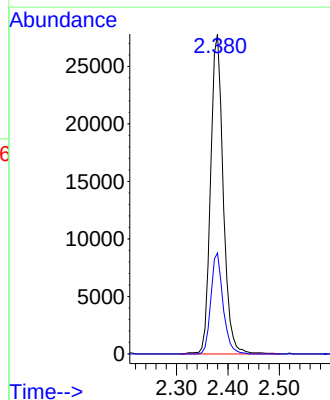
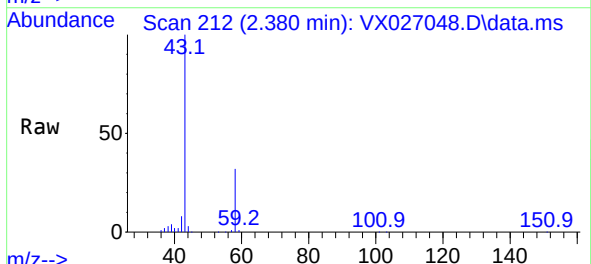
Manual Integrations
APPROVED

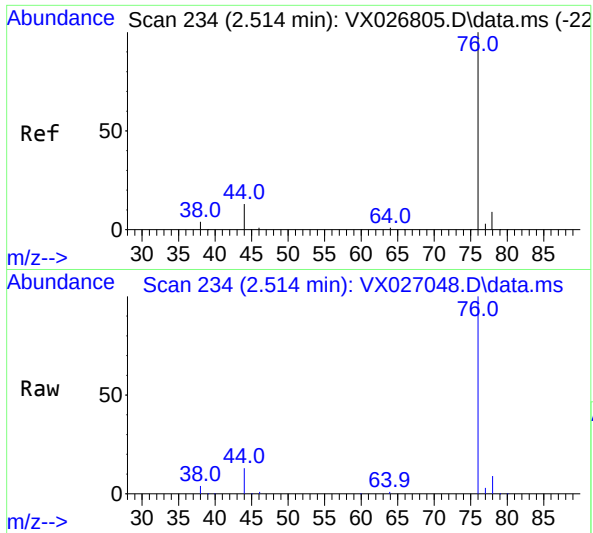
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 106.972 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion: 43 Resp: 47483
Ion Ratio Lower Upper
43 100
58 31.6 23.0 34.6





#17

Carbon Disulfide

Concen: 16.368 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 76 Resp: 3992

Ion Ratio Lower Upper

76 100

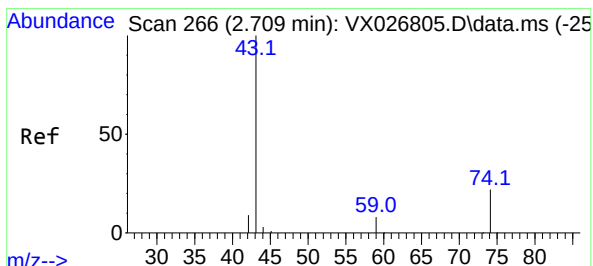
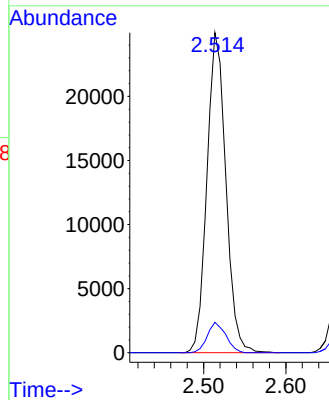
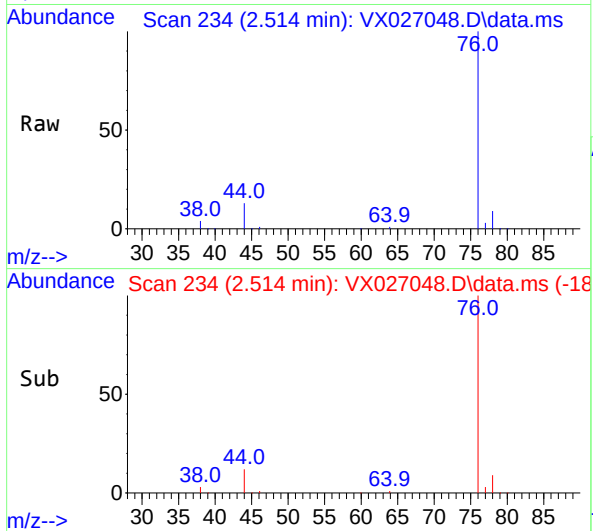
78 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#18

Methyl Acetate

Concen: 18.809 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX027048.D

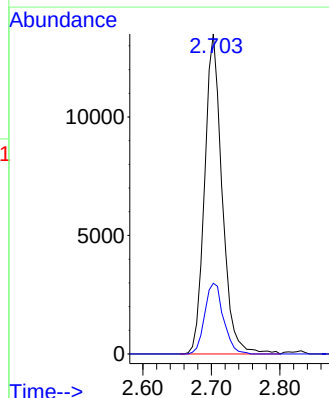
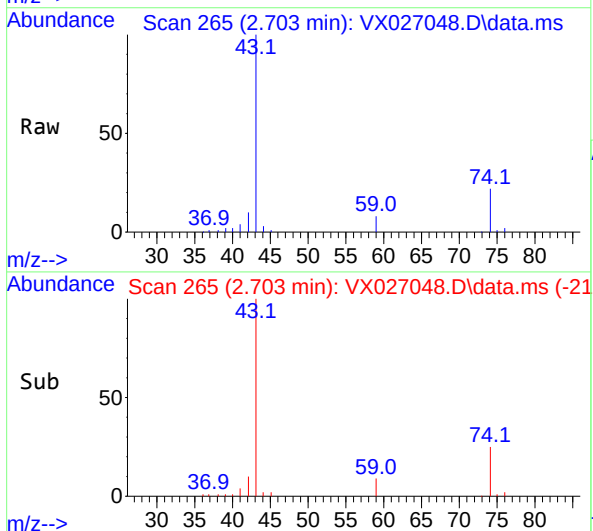
Acq: 16 Feb 2022 14:27

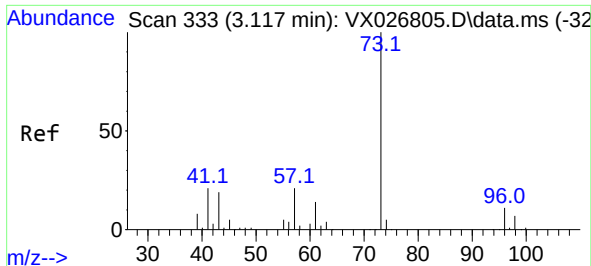
Tgt Ion: 43 Resp: 24022

Ion Ratio Lower Upper

43 100

74 23.5 18.3 27.5





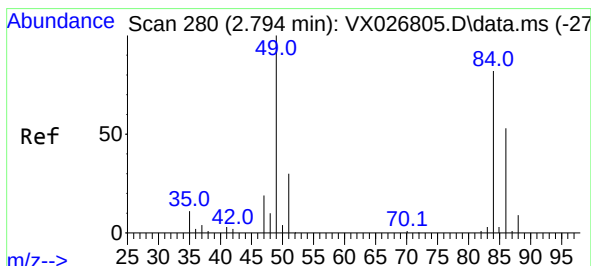
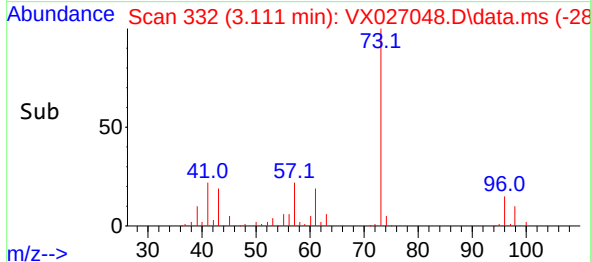
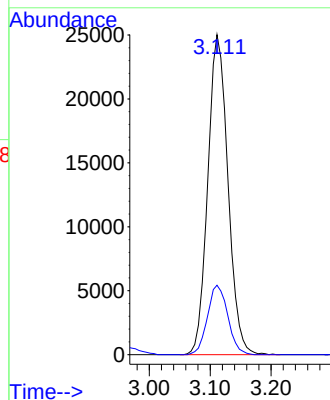
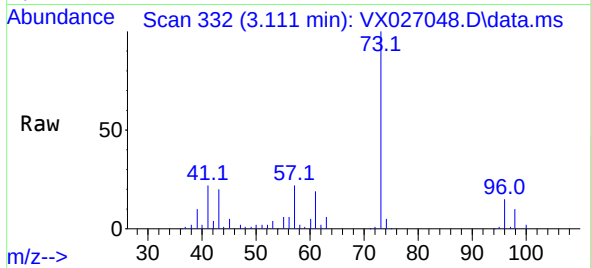
#19
Methyl tert-butyl Ether
Concen: 18.862 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion: 73 Resp: 5752
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

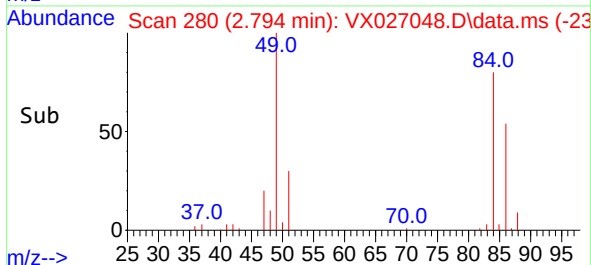
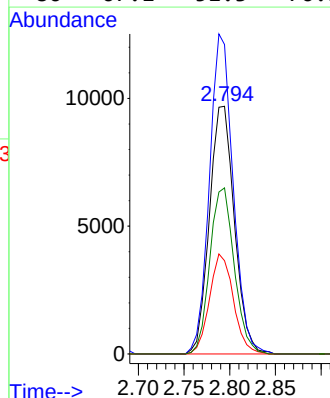
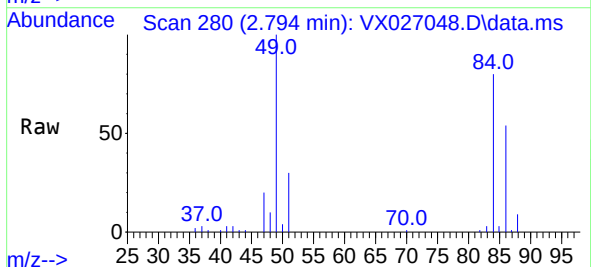
Manual Integrations
APPROVED

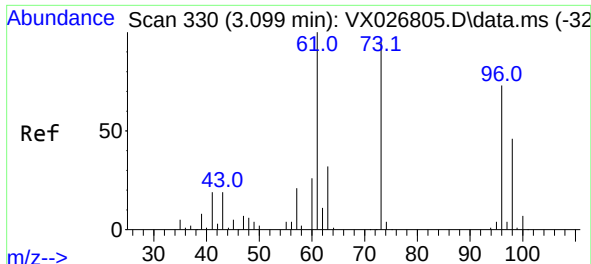
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 19.168 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

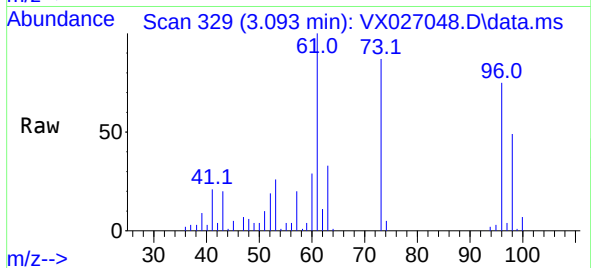
Tgt Ion: 84 Resp: 18436
Ion Ratio Lower Upper
84 100
49 125.0 101.5 152.3
51 37.7 31.2 46.8
86 67.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 18.893 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

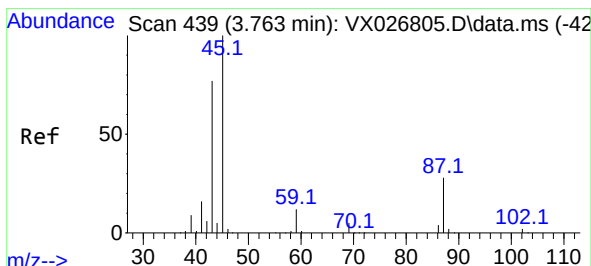
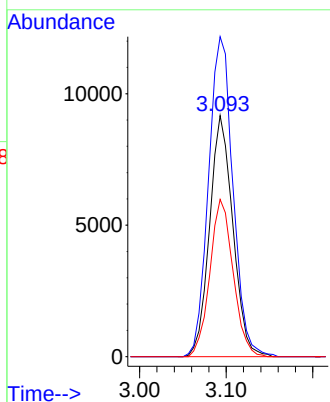
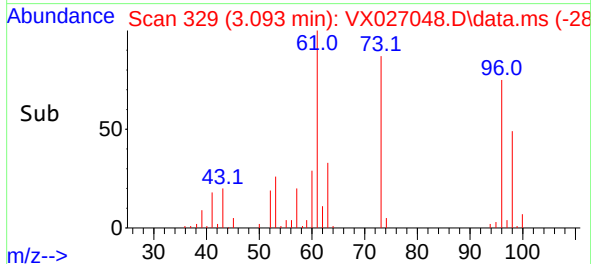
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



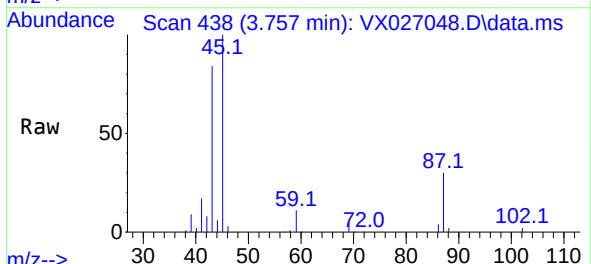
Tgt Ion: 96 Resp: 17130
Ion Ratio Lower Upper
96 100
61 132.7 112.9 169.3
98 65.2 49.5 74.3

Manual Integrations
APPROVED

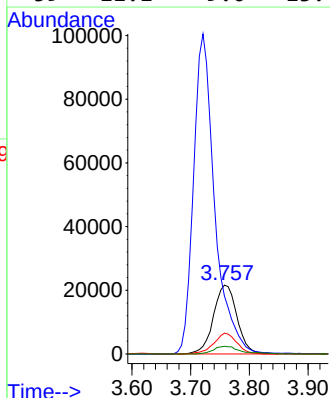
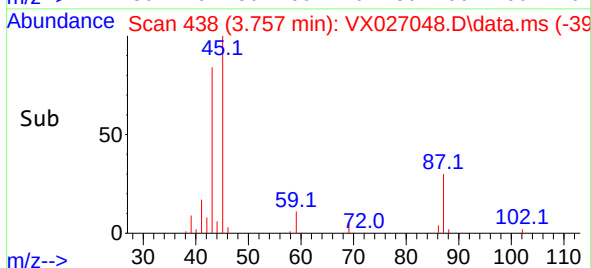
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

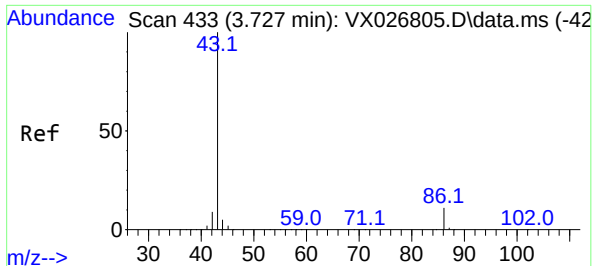


#22
Diisopropyl ether
Concen: 19.615 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



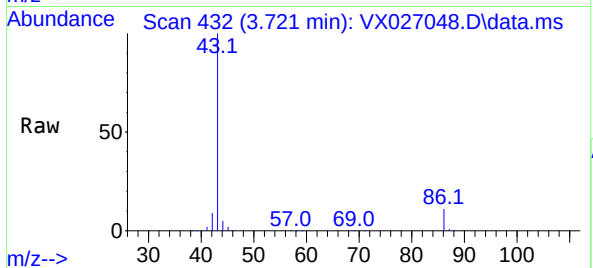
Tgt Ion: 45 Resp: 60273
Ion Ratio Lower Upper
45 100
43 83.2 60.6 91.0
87 30.4 22.0 33.0
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 97.530 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027048.D
 Acq: 16 Feb 2022 14:27

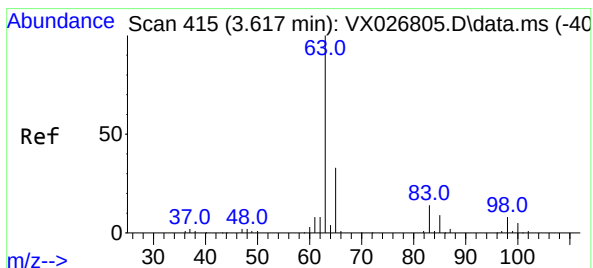
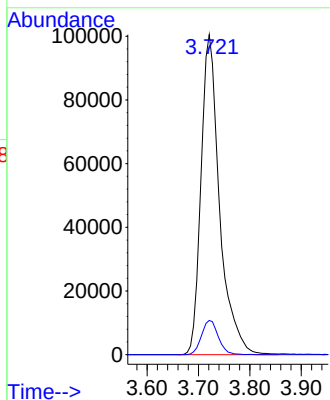
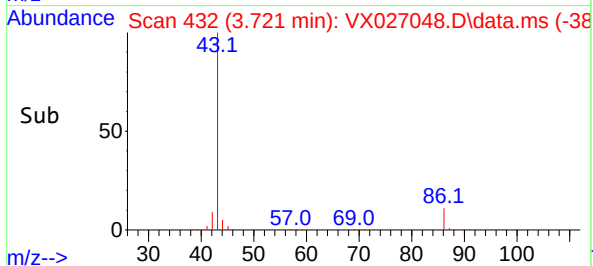
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBSD02



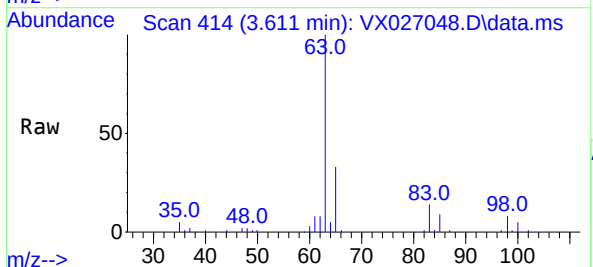
Tgt Ion: 43 Resp: 251970
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1

Manual Integrations
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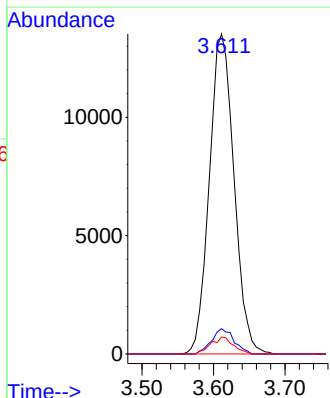
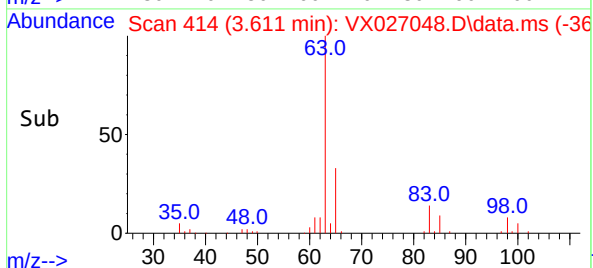
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022

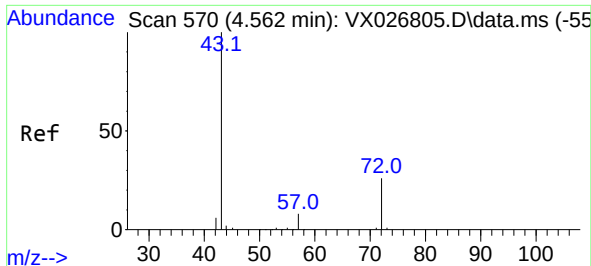


#24
 1,1-Dichloroethane
 Concen: 19.476 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX027048.D
 Acq: 16 Feb 2022 14:27



Tgt Ion: 63 Resp: 32384
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 100.378 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 43 Resp: 7178

Ion Ratio Lower Upper

43 100

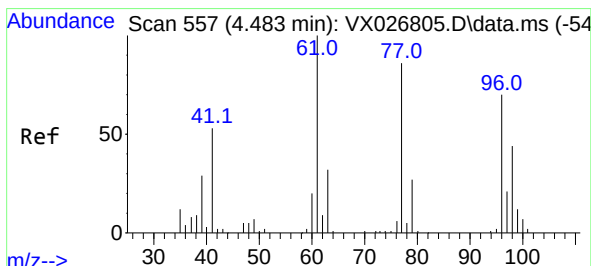
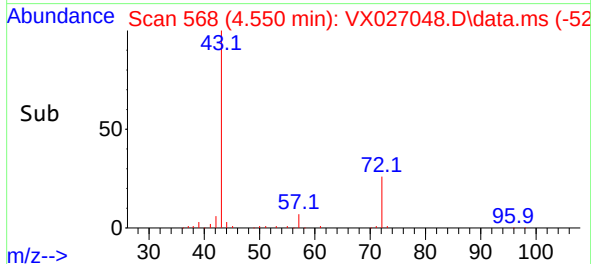
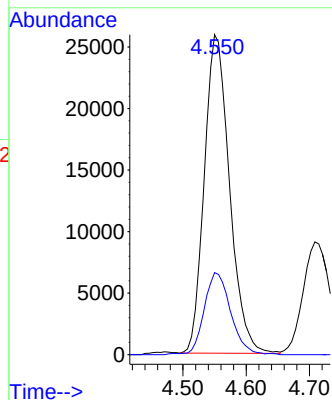
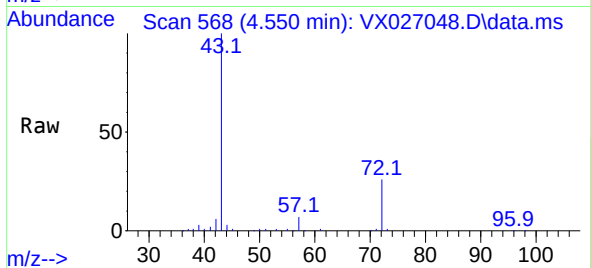
72 25.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

2,2-Dichloropropane

Concen: 20.404 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX027048.D

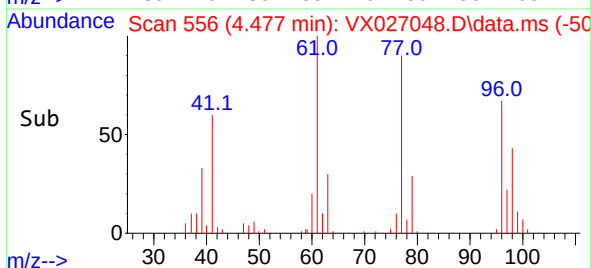
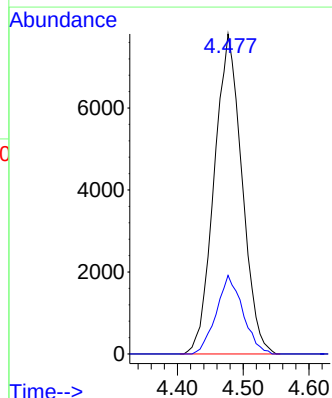
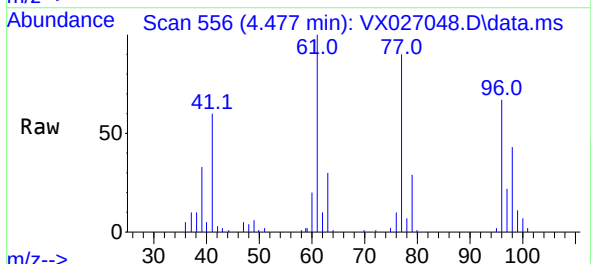
Acq: 16 Feb 2022 14:27

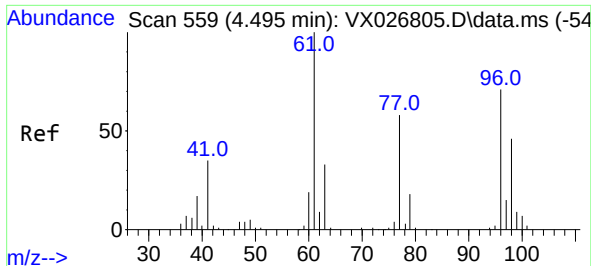
Tgt Ion: 77 Resp: 22923

Ion Ratio Lower Upper

77 100

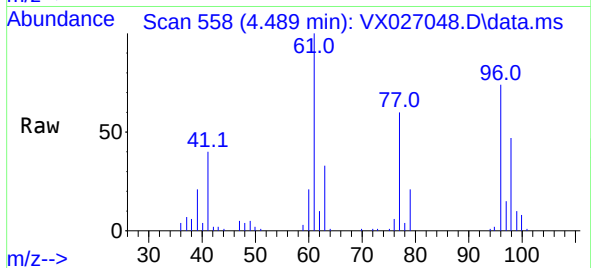
97 23.5 11.0 33.0





#27
cis-1,2-Dichloroethene
Concen: 19.689 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

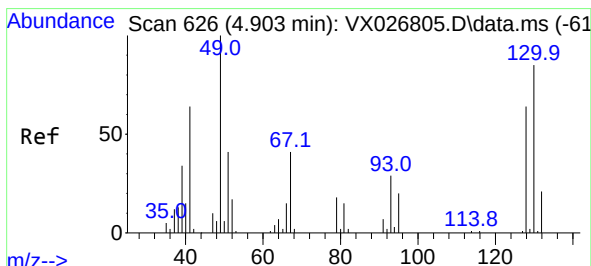
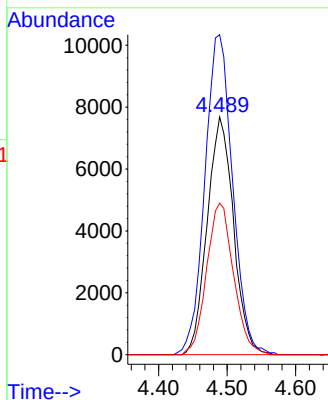
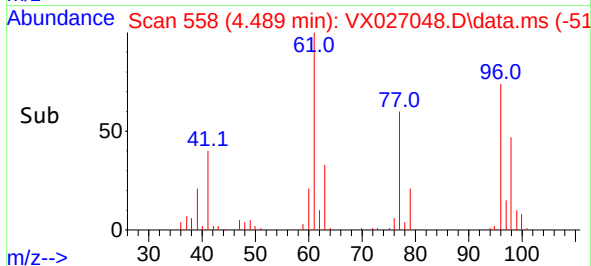
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



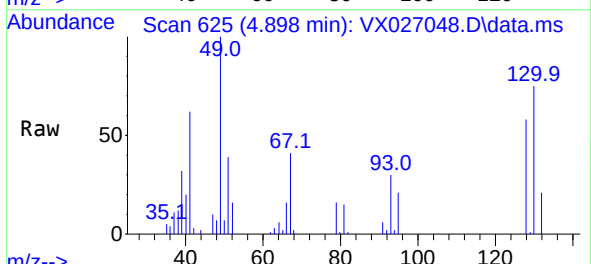
Tgt Ion: 96 Resp: 2049
Ion Ratio Lower Upper
96 100
61 142.0 0.0 296.6
98 65.3 0.0 128.8

Manual Integrations
APPROVED

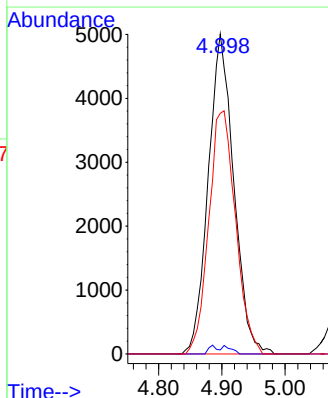
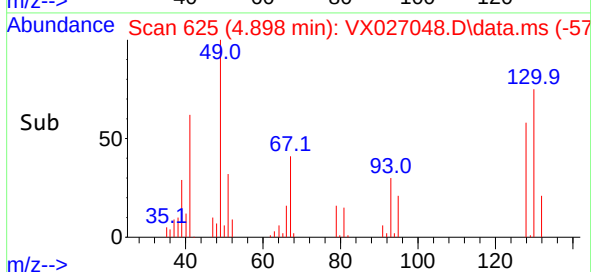
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

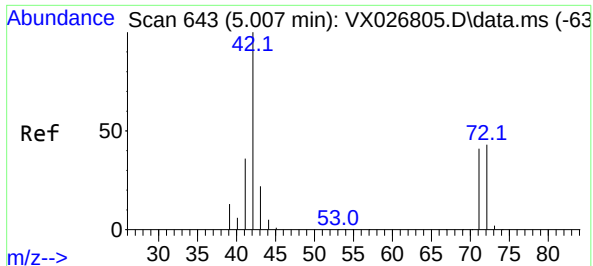


#28
Bromochloromethane
Concen: 20.344 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 49 Resp: 14022
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 79.6 62.4 93.6





#29

Tetrahydrofuran

Concen: 98.638 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

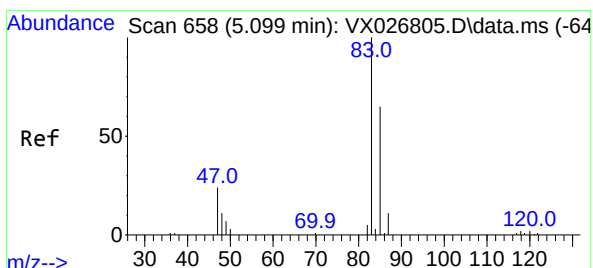
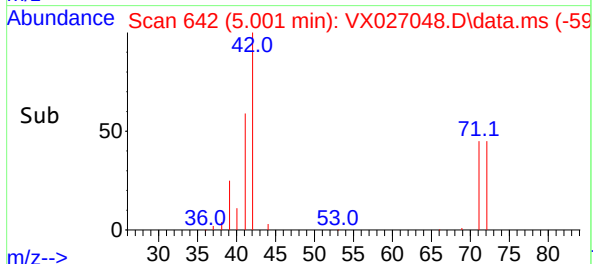
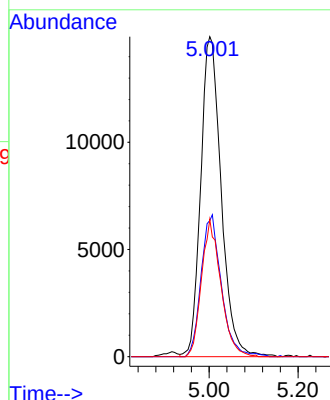
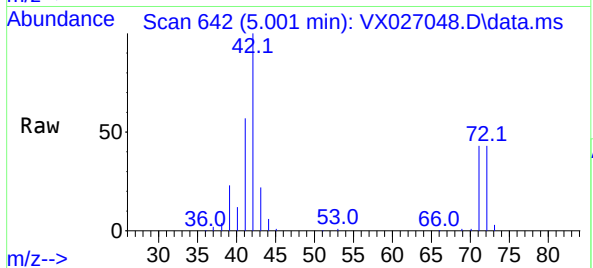
Tgt Ion:	42	Resp:	4795
Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.6	52.0
71	40.4	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 19.811 ug/l

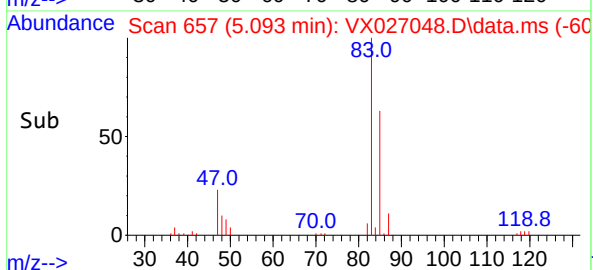
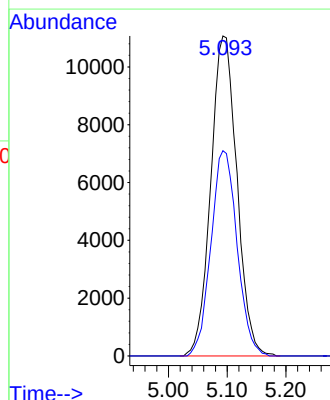
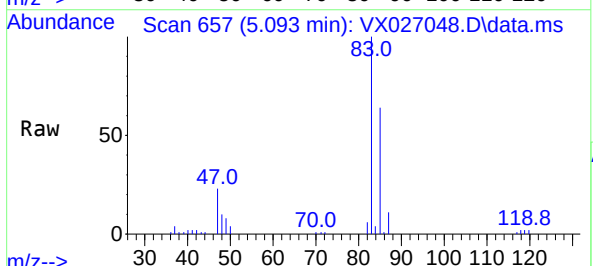
RT: 5.093 min Scan# 657

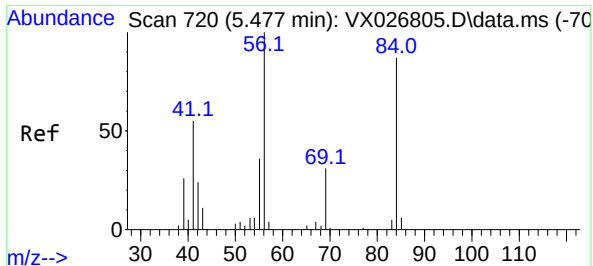
Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

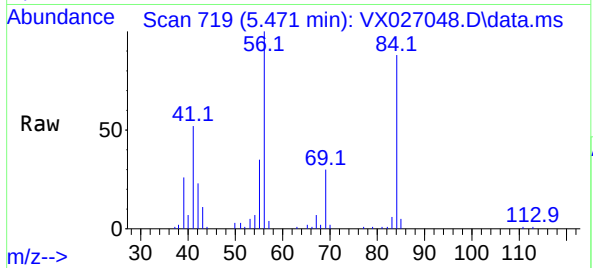
Tgt Ion:	83	Resp:	34224
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.6	77.4





#31
Cyclohexane
Concen: 18.586 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

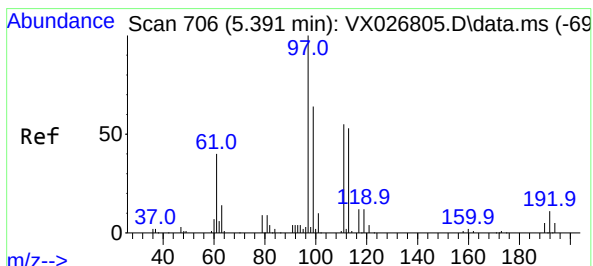
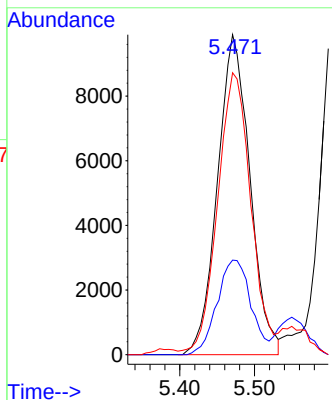
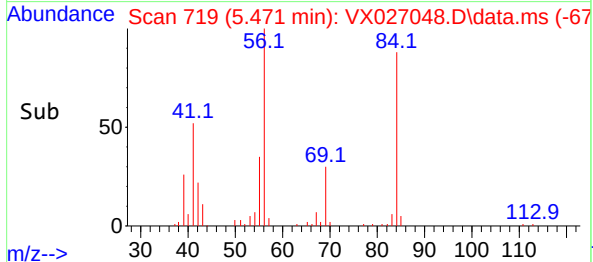
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



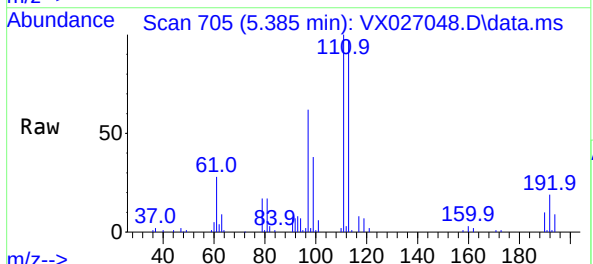
Tgt Ion: 56 Resp: 29840
Ion Ratio Lower Upper
56 100
69 29.6 25.8 38.6
84 87.0 68.9 103.3

Manual Integrations
APPROVED

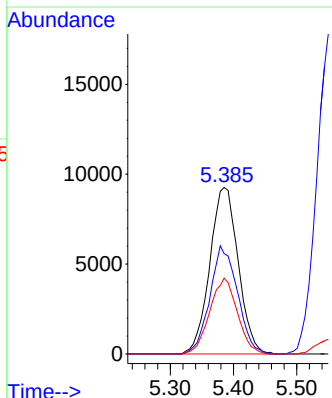
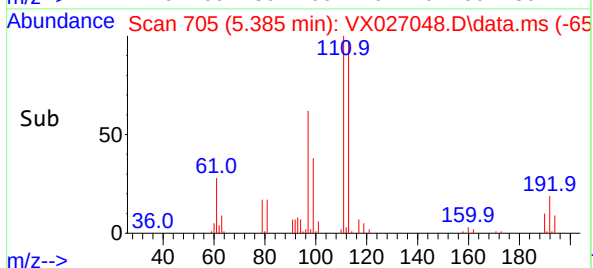
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

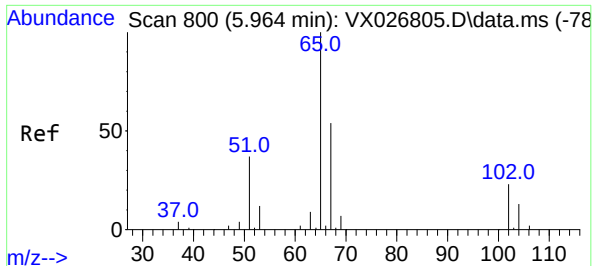


#32
1,1,1-Trichloroethane
Concen: 18.949 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 97 Resp: 28861
Ion Ratio Lower Upper
97 100
99 63.0 51.3 76.9
61 44.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.454 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 65 Resp: 53012

Ion Ratio Lower Upper

65 100

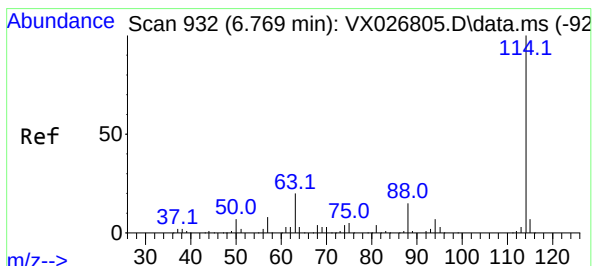
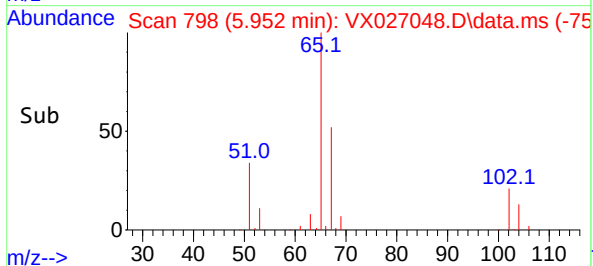
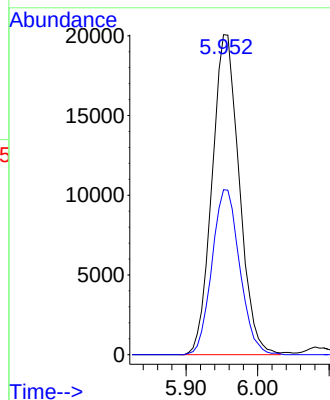
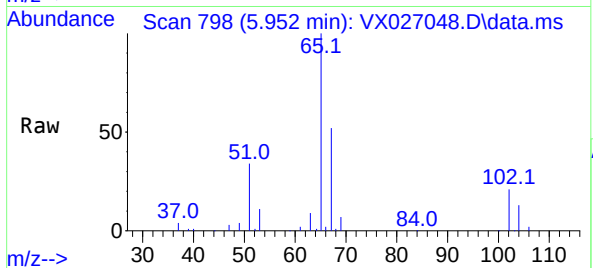
67 52.6 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

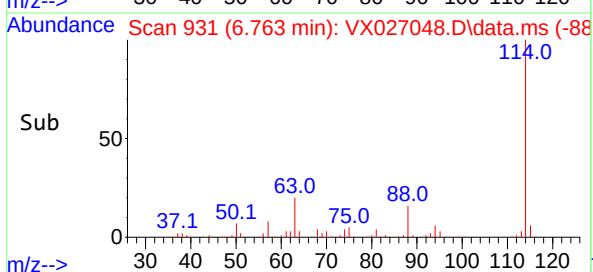
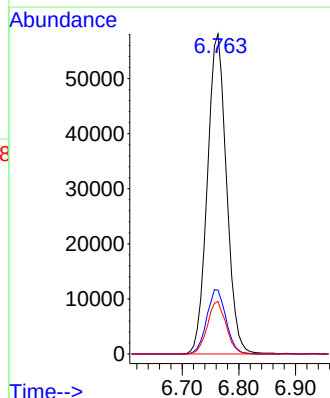
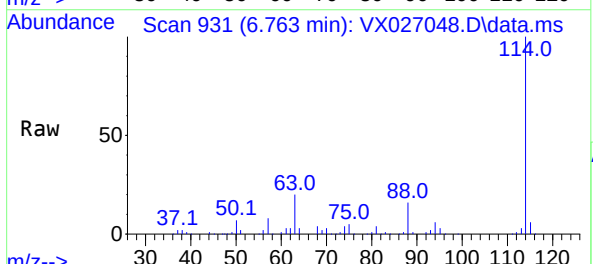
Tgt Ion:114 Resp: 135818

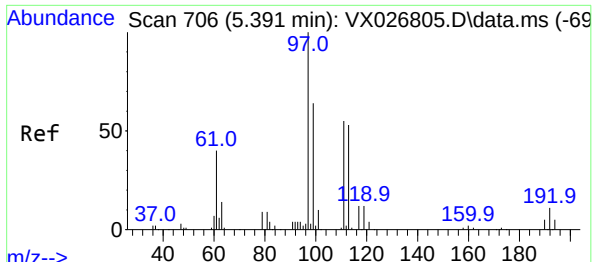
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.268 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion:113 Resp: 42294

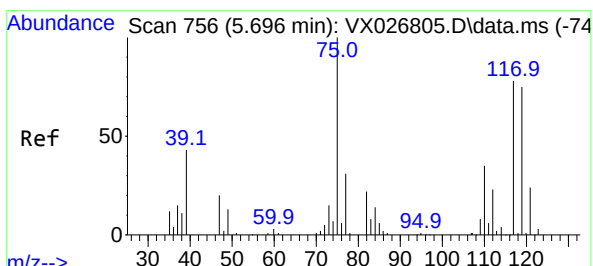
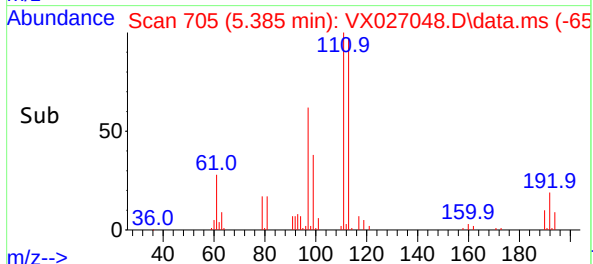
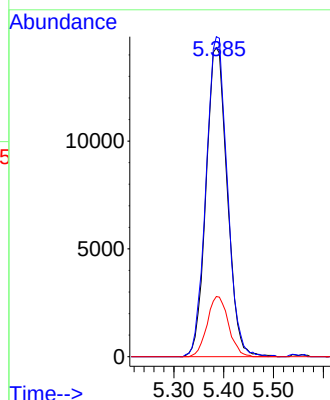
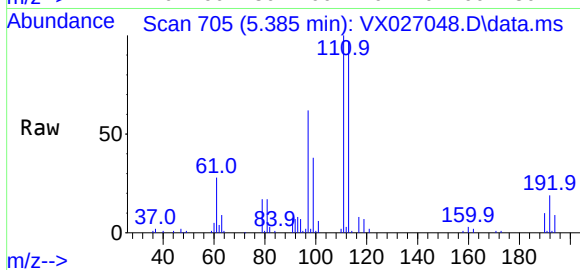
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.2	121.8
192	19.5	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#36

1,1-Dichloropropene

Concen: 19.229 ug/l

RT: 5.690 min Scan# 755

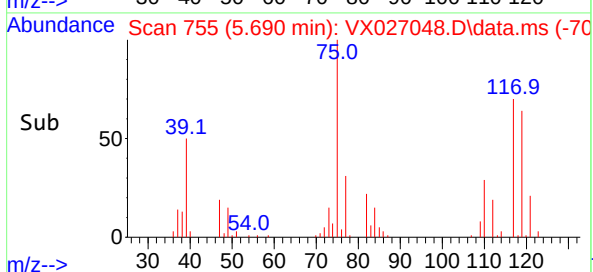
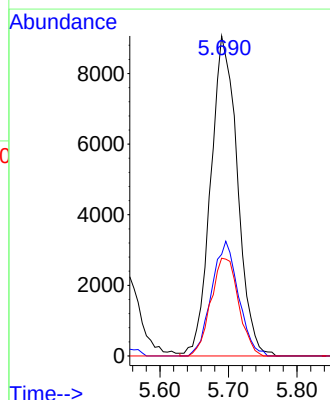
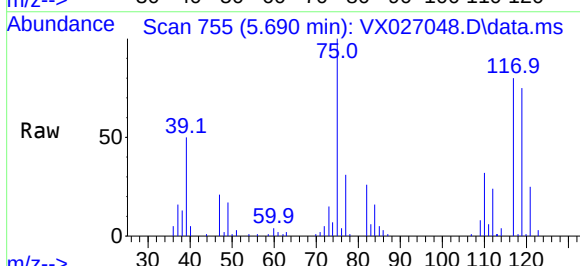
Delta R.T. -0.006 min

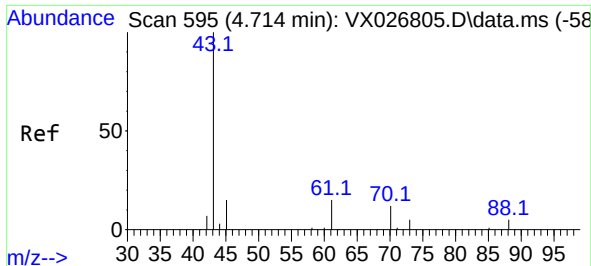
Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Tgt Ion: 75 Resp: 24546

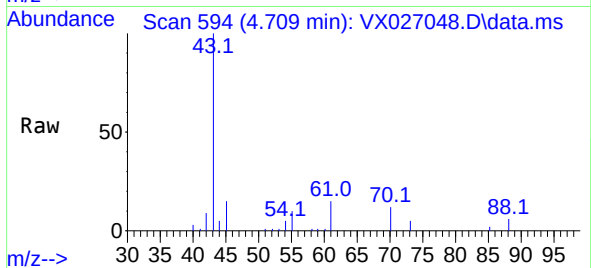
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.2	51.6
77	31.6	24.6	36.8





#37
Ethyl Acetate
Concen: 18.738 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

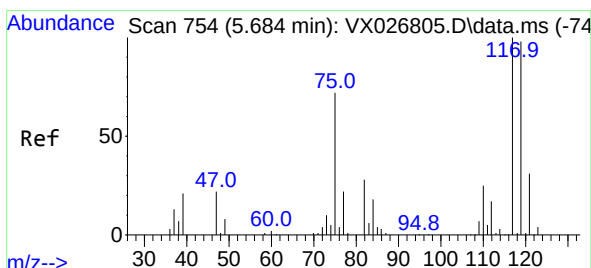
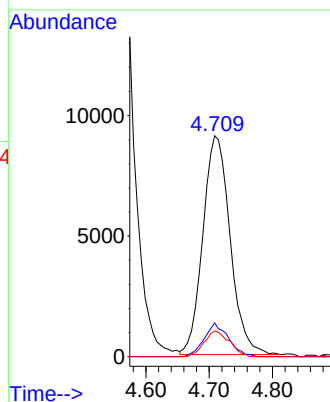
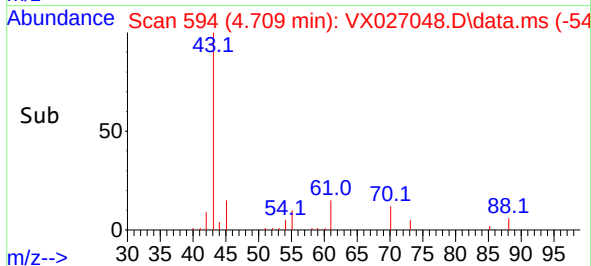
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.9 8.5 12.7

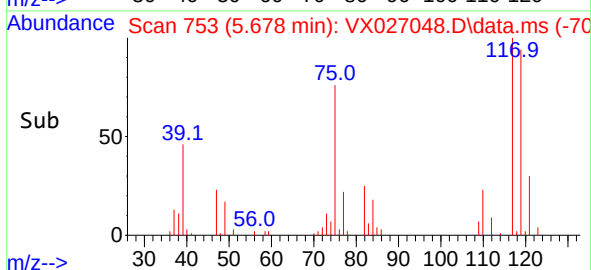
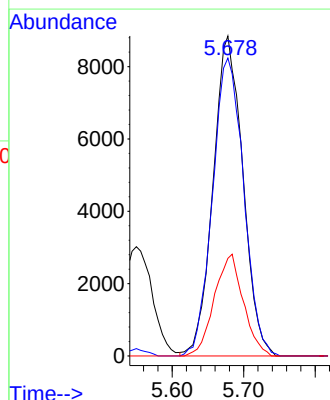
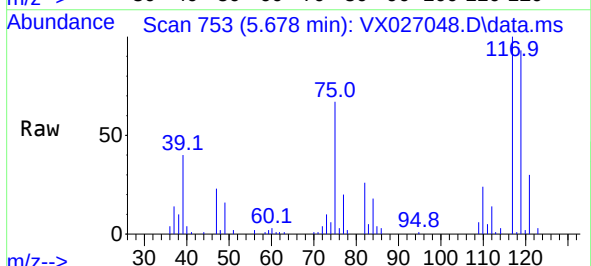
Manual Integrations
APPROVED

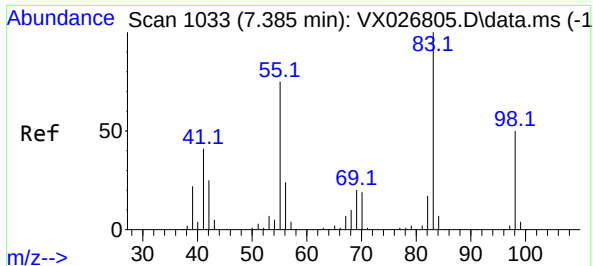
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 19.114 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion:117 Resp: 25587
Ion Ratio Lower Upper
117 100
119 93.1 74.7 112.1
121 30.5 25.4 38.0





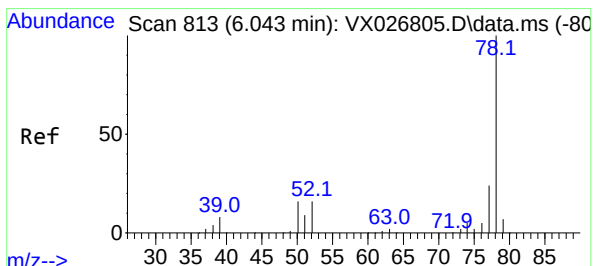
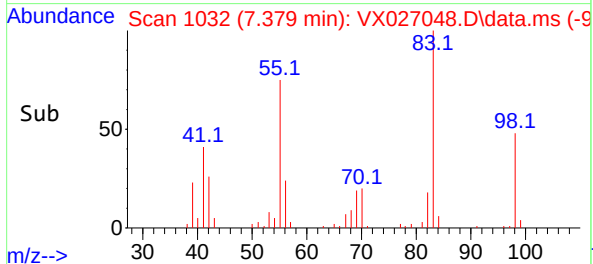
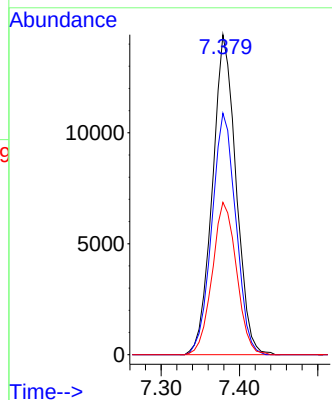
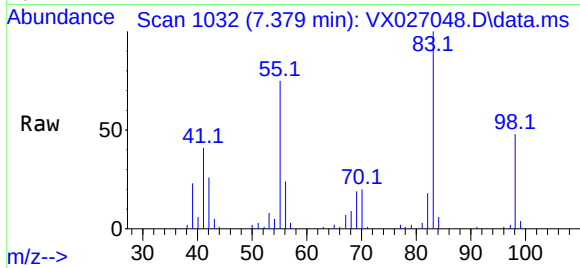
#39
Methylcyclohexane
Concen: 19.302 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion: 83 Resp: 3021
Ion Ratio Lower Upper
83 100
55 75.4 63.6 95.4
98 47.6 38.4 57.6

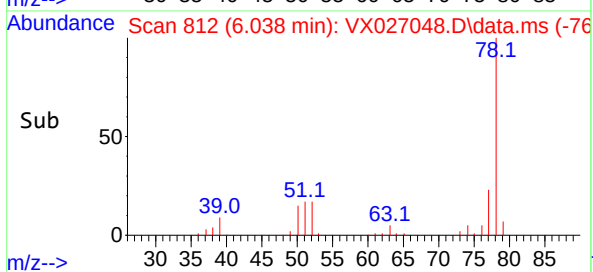
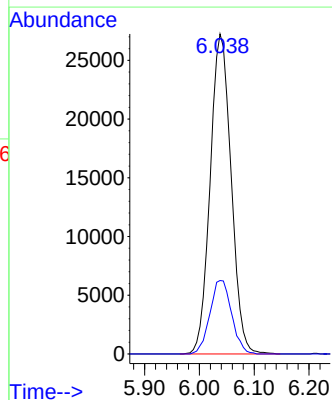
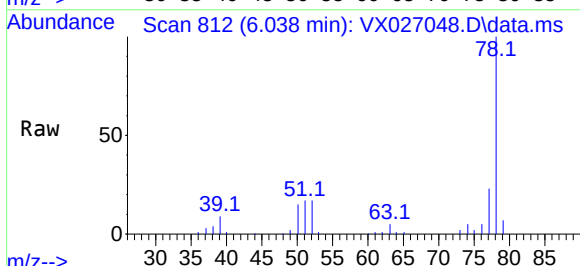
Manual Integrations
APPROVED

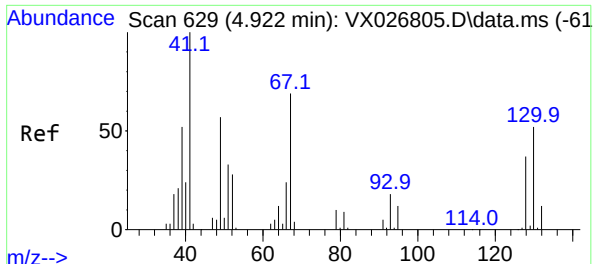
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Benzene
Concen: 19.431 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

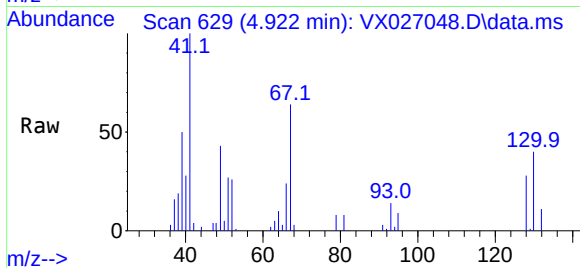
Tgt Ion: 78 Resp: 72292
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3





#41
Methacrylonitrile
Concen: 20.024 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

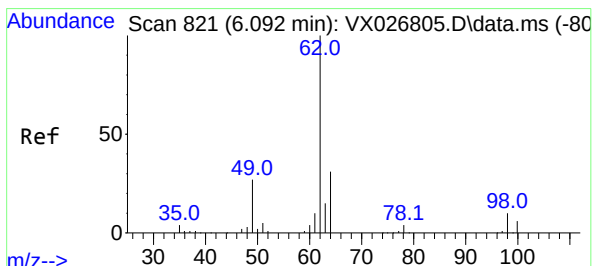
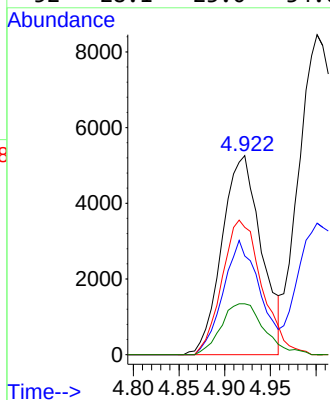
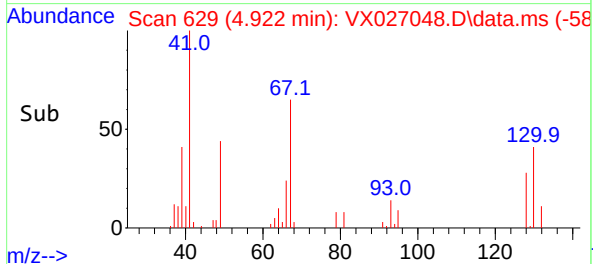
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



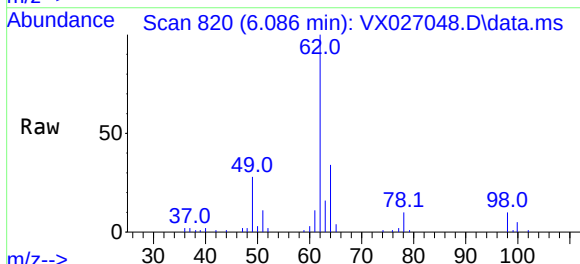
Tgt Ion: 41 Resp: 15744
Ion Ratio Lower Upper
41 100
39 53.6 45.4 68.0
67 68.6 53.2 79.8
52 28.1 23.0 34.6

Manual Integrations
APPROVED

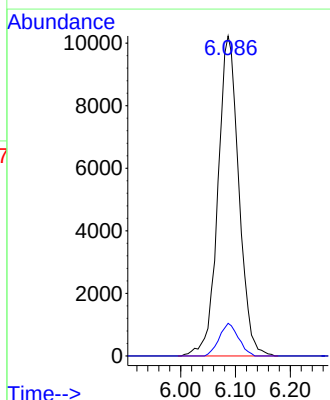
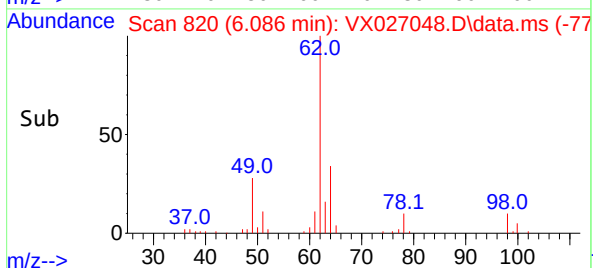
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

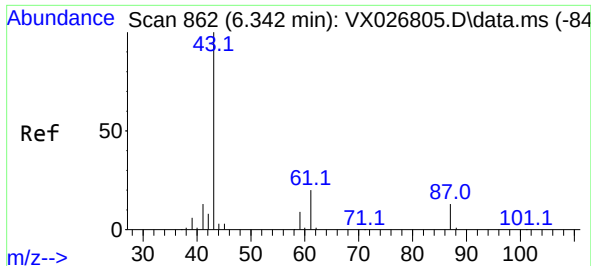


#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



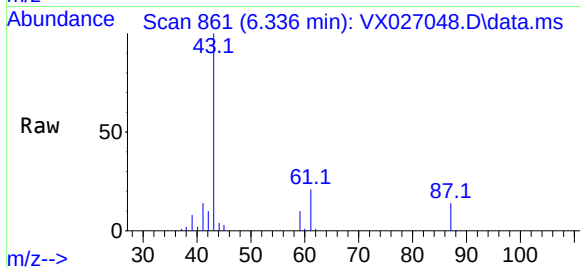
Tgt Ion: 62 Resp: 27093
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 19.275 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

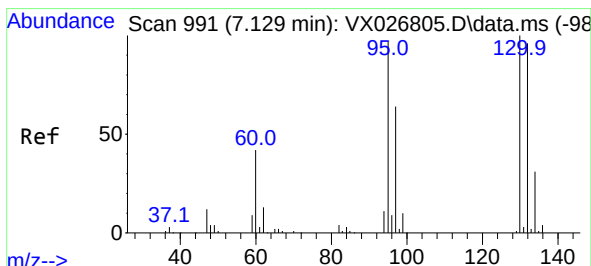
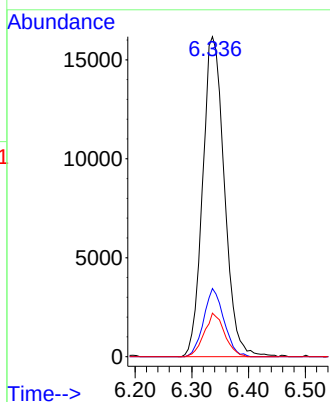
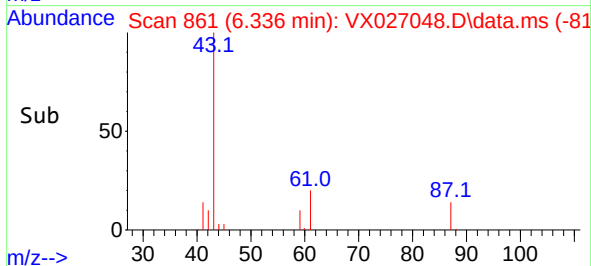
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion: 43 Resp: 4302
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 12.7 10.2 15.2

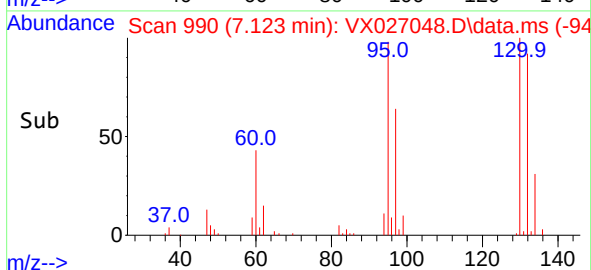
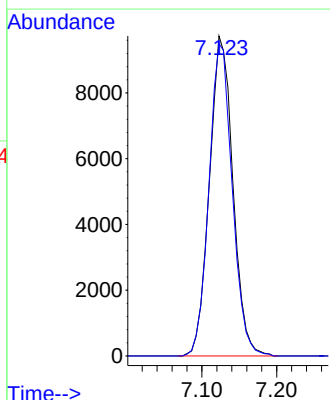
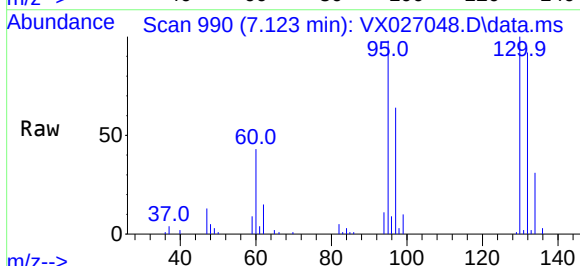
Manual Integrations
APPROVED

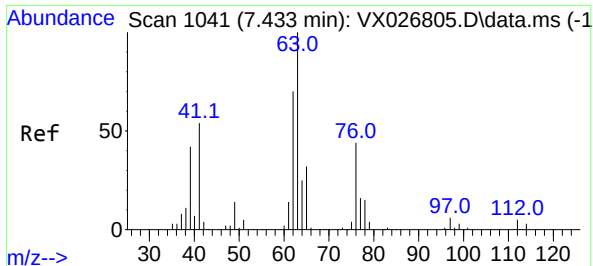
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 19.025 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion:130 Resp: 21252
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.174 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 63 Resp: 18990

Ion Ratio Lower Upper

63 100

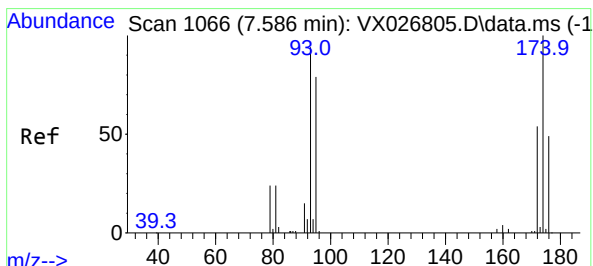
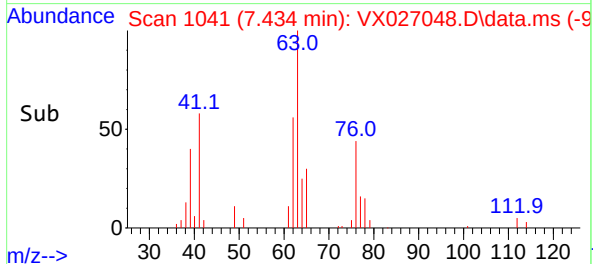
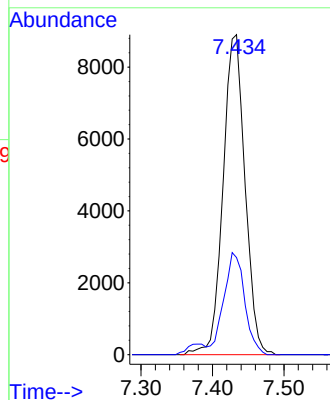
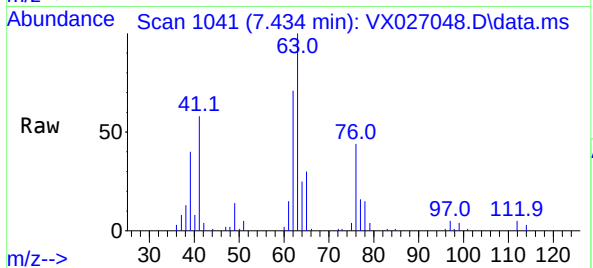
65 30.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 20.303 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

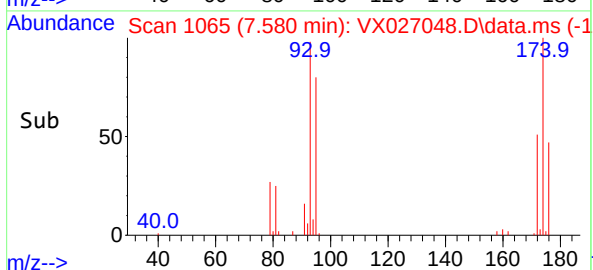
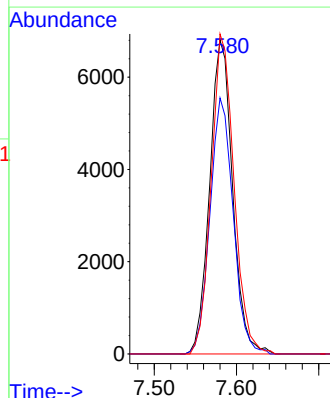
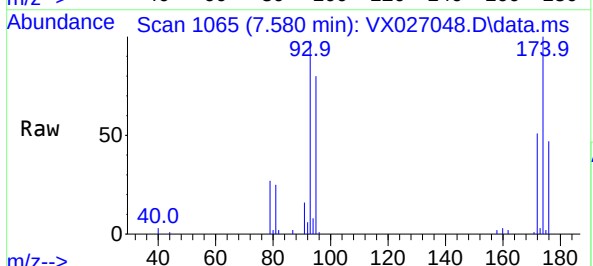
Tgt Ion: 93 Resp: 13224

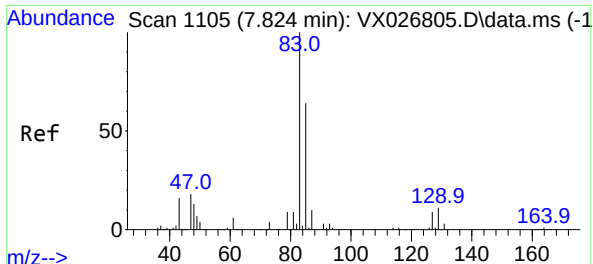
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

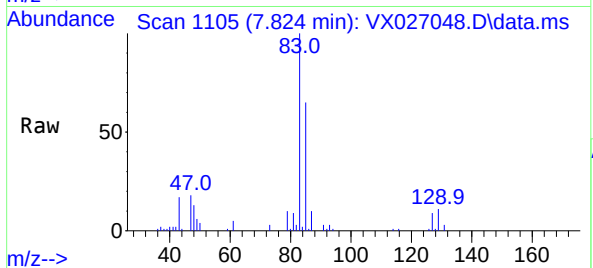
174 101.2 78.7 118.1





#47
Bromodichloromethane
Concen: 20.462 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

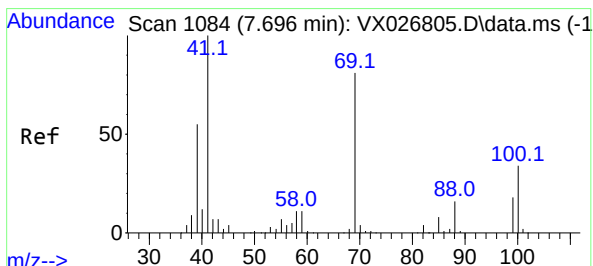
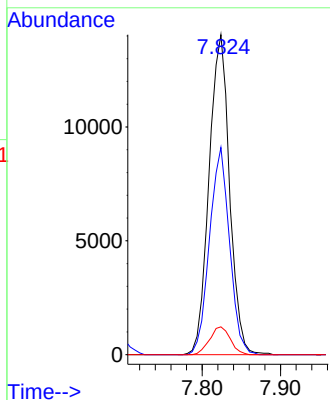
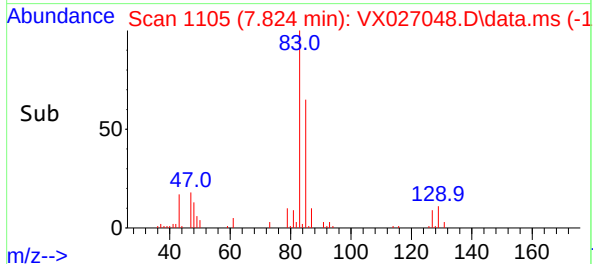
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



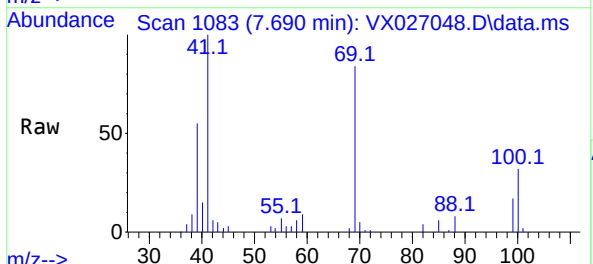
Tgt Ion: 83 Resp: 2552
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 8.7 6.9 10.3

Manual Integrations
APPROVED

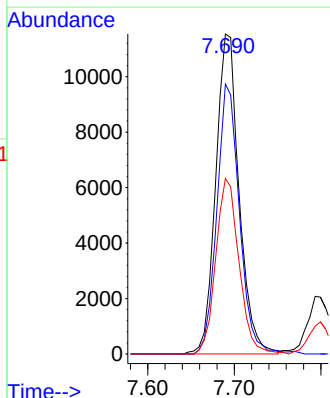
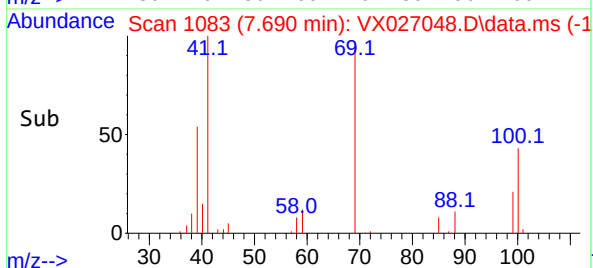
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

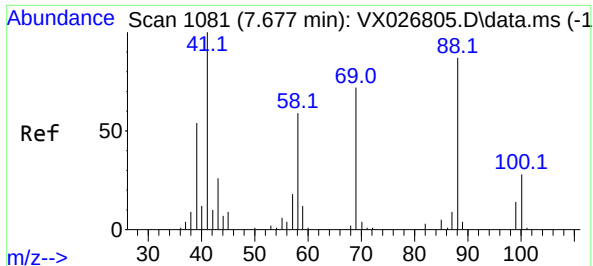


#48
Methyl methacrylate
Concen: 19.517 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 41 Resp: 21585
Ion Ratio Lower Upper
41 100
69 81.9 62.2 93.4
39 54.5 45.4 68.0





#49

1,4-Dioxane

Concen: 387.756 ug/l

RT: 7.665 min Scan# 1081

Delta R.T. -0.012 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 88 Resp: 7390

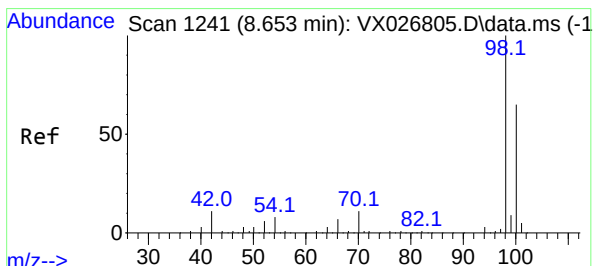
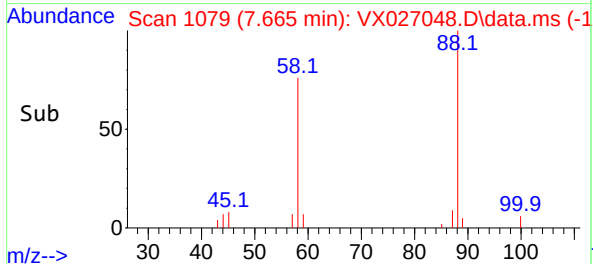
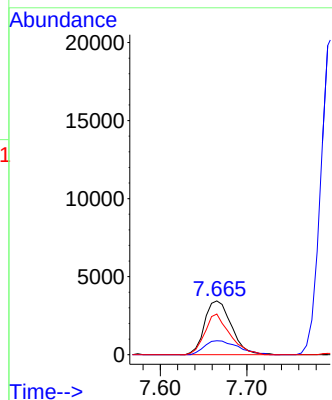
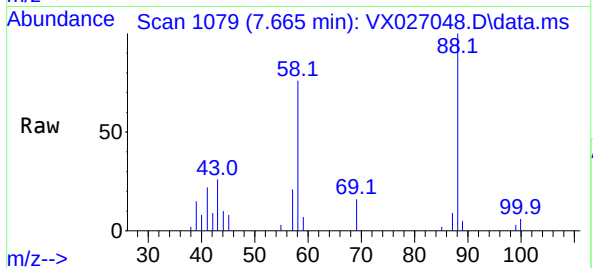
Ion	Ratio	Lower	Upper
88	100		
43	32.5	29.9	44.9
58	70.6	57.8	86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 53.690 ug/l

RT: 8.647 min Scan# 1240

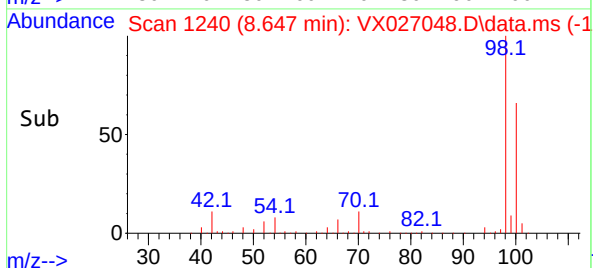
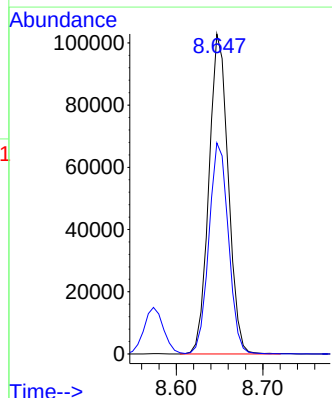
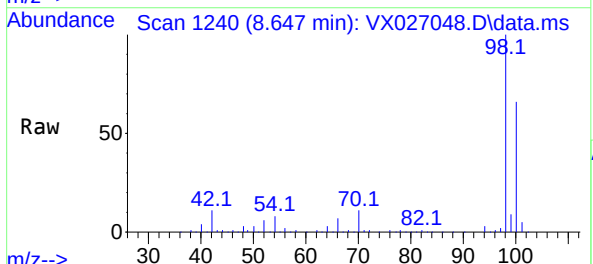
Delta R.T. -0.006 min

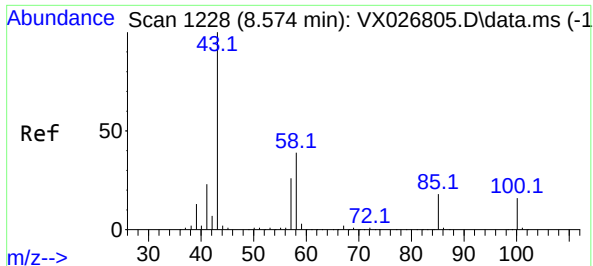
Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Tgt Ion: 98 Resp: 159474

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 105.482 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 43 Resp: 142678

Ion Ratio Lower Upper

43 100

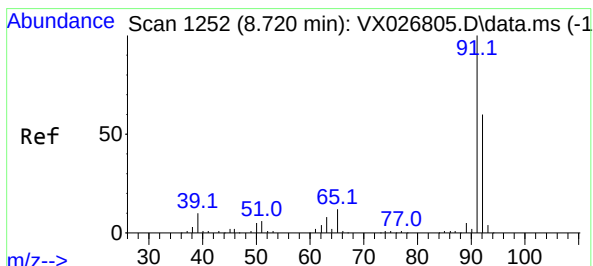
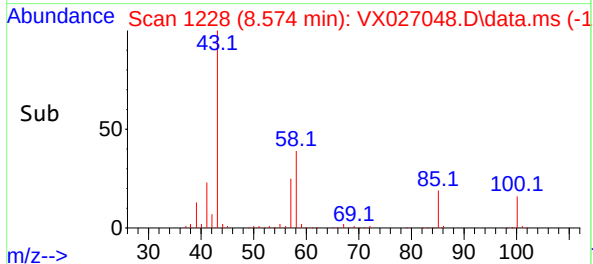
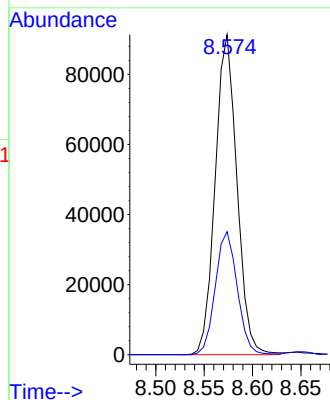
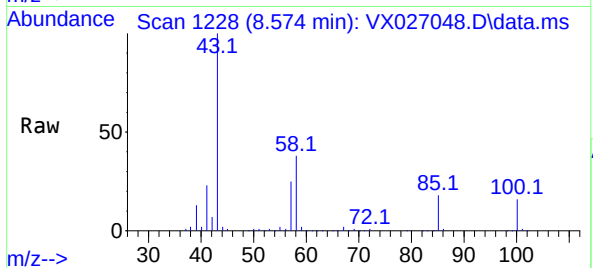
58 38.8 30.5 45.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#52

Toluene

Concen: 19.940 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027048.D

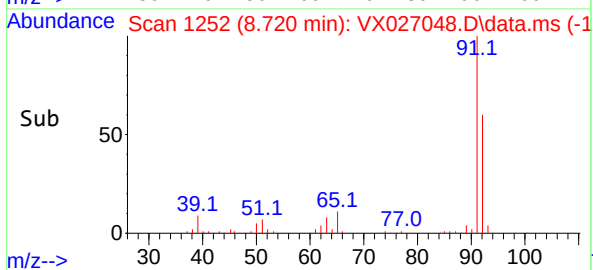
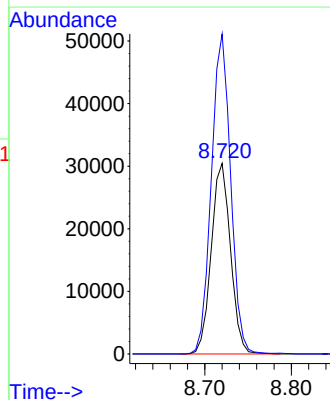
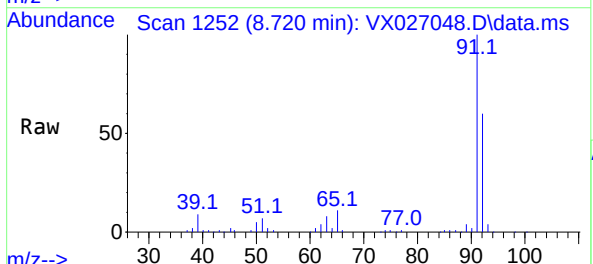
Acq: 16 Feb 2022 14:27

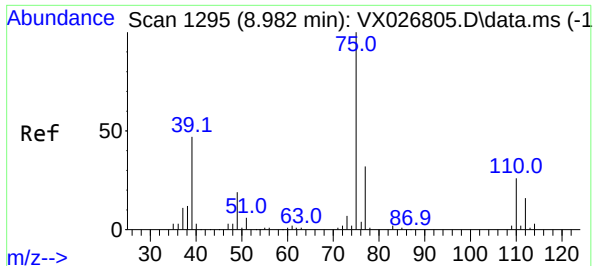
Tgt Ion: 92 Resp: 46968

Ion Ratio Lower Upper

92 100

91 168.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.322 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 75 Resp: 2494

Ion Ratio Lower Upper

75 100

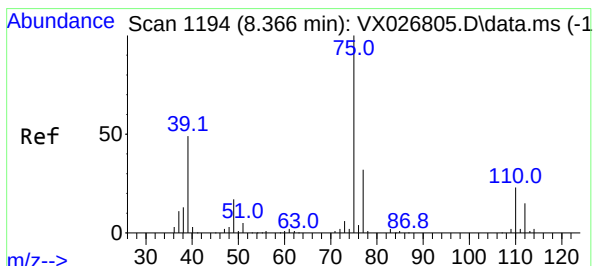
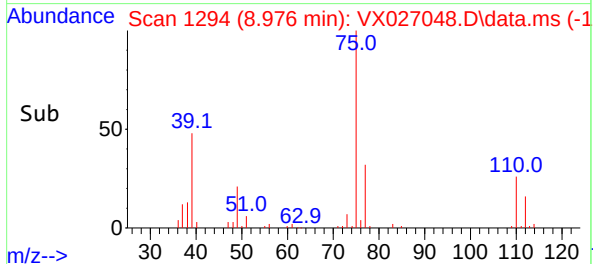
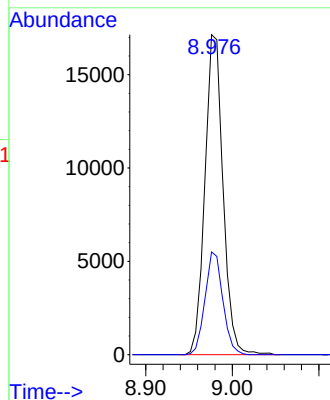
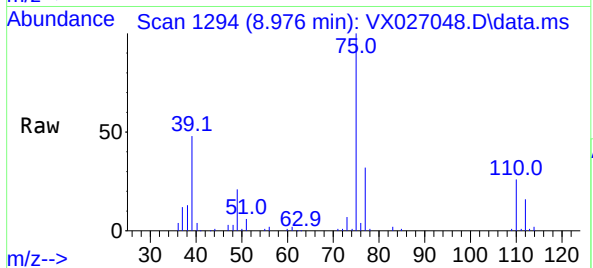
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#54

cis-1,3-Dichloropropene

Concen: 20.514 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

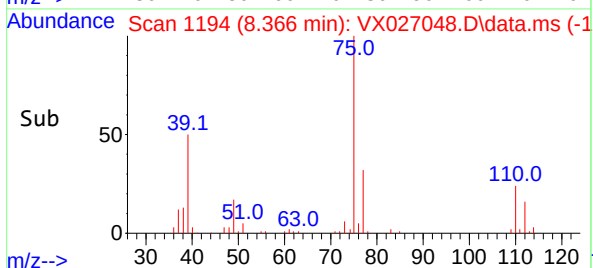
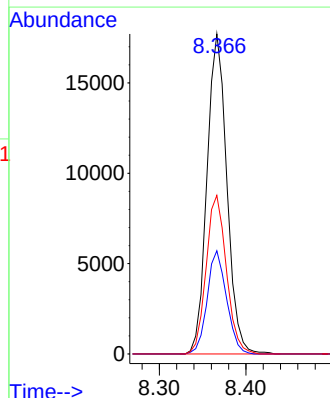
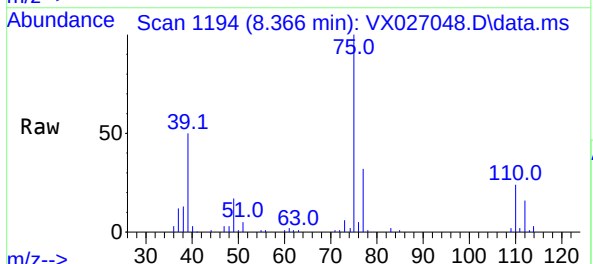
Tgt Ion: 75 Resp: 28255

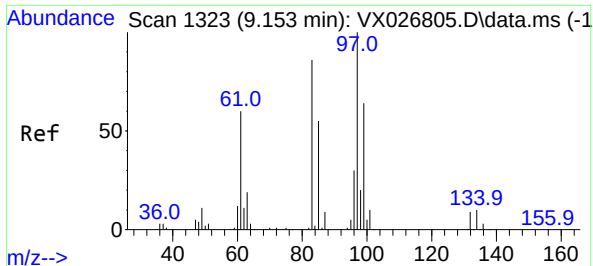
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

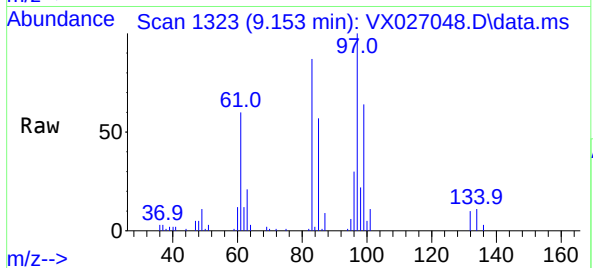
39 49.6 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 21.397 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

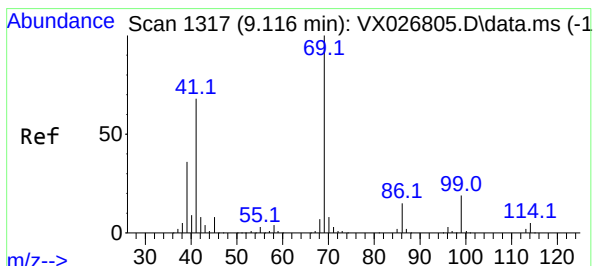
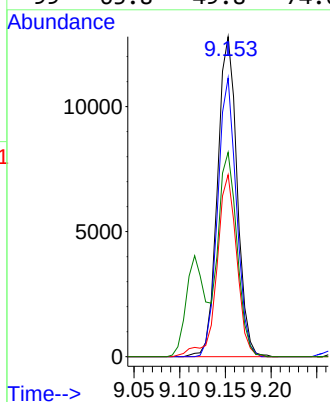
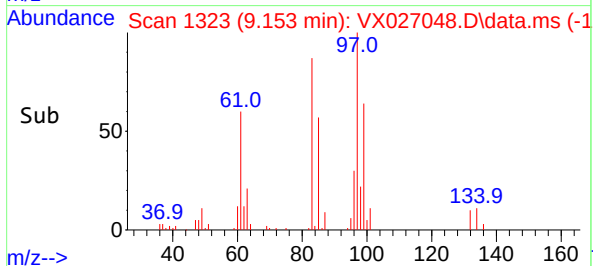


Tgt Ion: 97 Resp: 19080

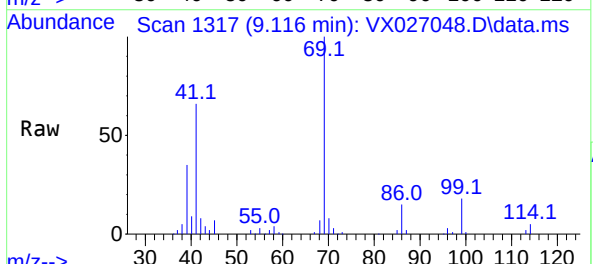
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.4	102.6
85	56.8	44.0	66.0
99	63.8	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

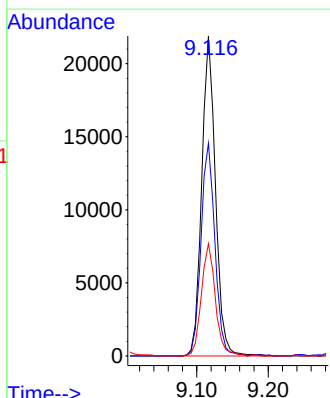
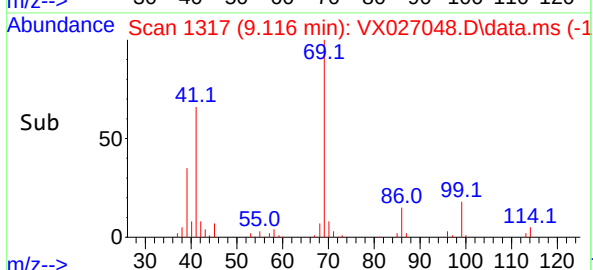


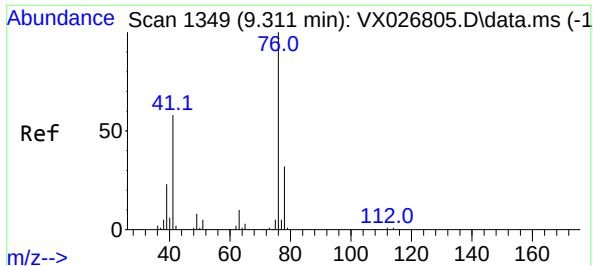
#56
Ethyl methacrylate
Concen: 20.731 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 69 Resp: 29304

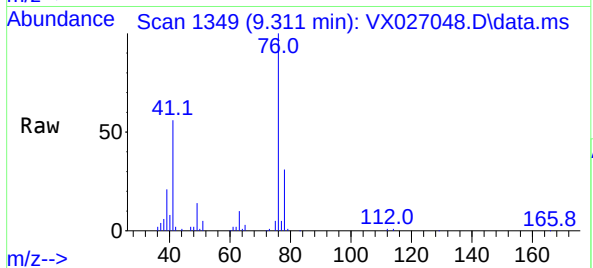
Ion	Ratio	Lower	Upper
69	100		
41	67.1	57.2	85.8
39	35.8	30.9	46.3





#57
1,3-Dichloropropane
Concen: 21.273 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

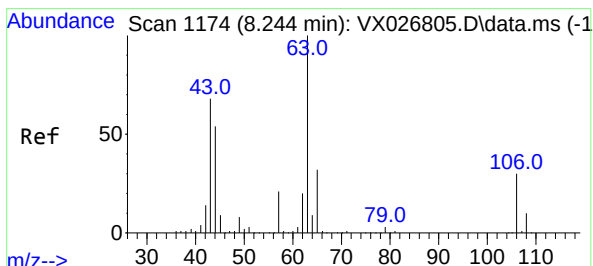
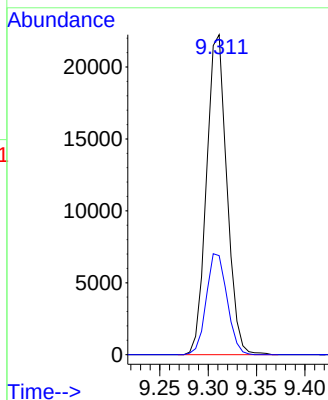
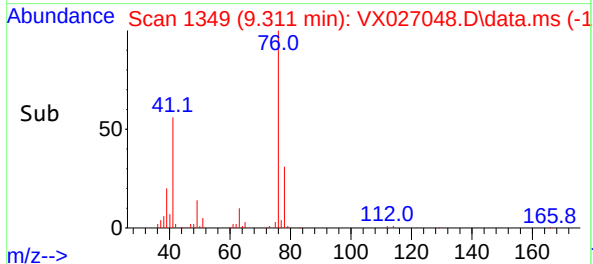
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



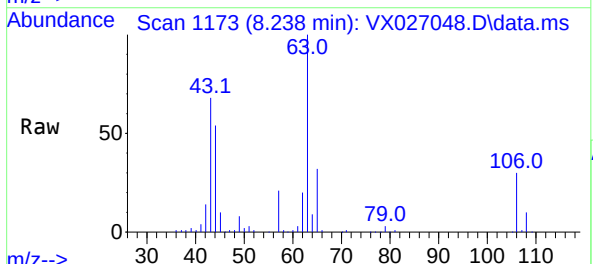
Tgt Ion: 76 Resp: 3257
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
APPROVED

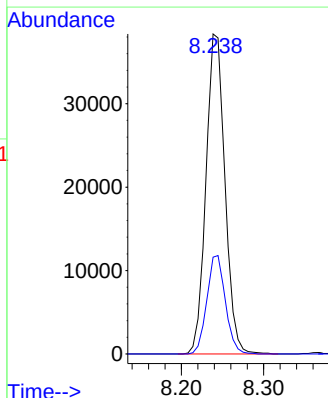
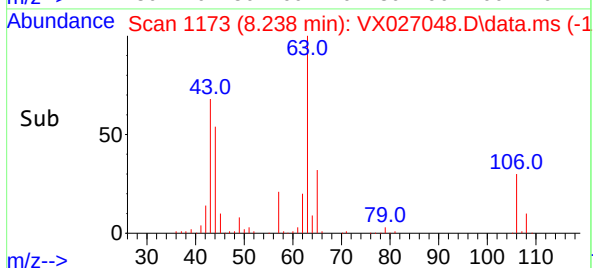
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

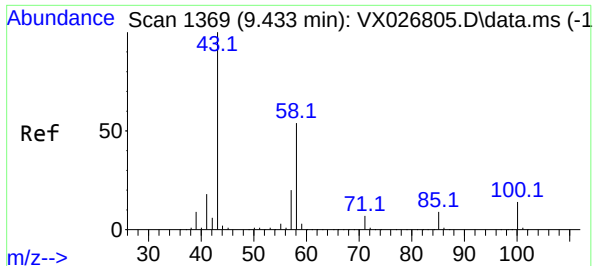


#58
2-Chloroethyl Vinyl ether
Concen: 84.688 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 63 Resp: 61443
Ion Ratio Lower Upper
63 100
106 30.1 23.0 34.6





#59

2-Hexanone

Concen: 108.921 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027048.D

Acq: 16 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBSD02

Tgt Ion: 43 Resp: 10776

Ion Ratio Lower Upper

43 100

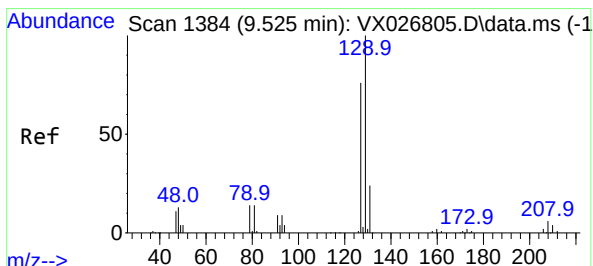
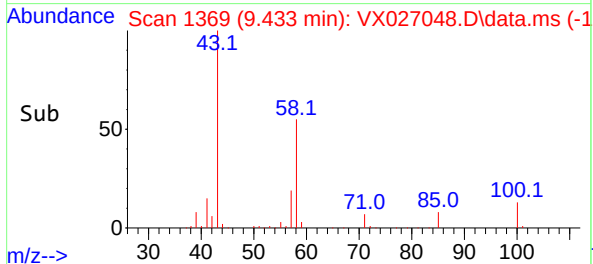
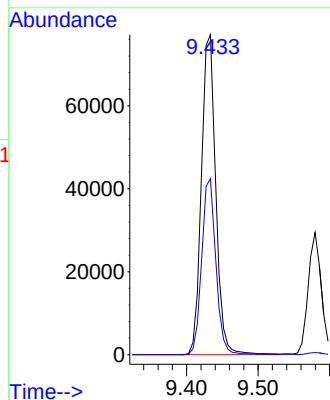
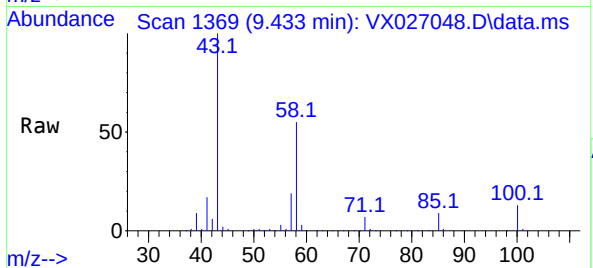
58 54.4 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#60

Dibromochloromethane

Concen: 21.551 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX027048.D

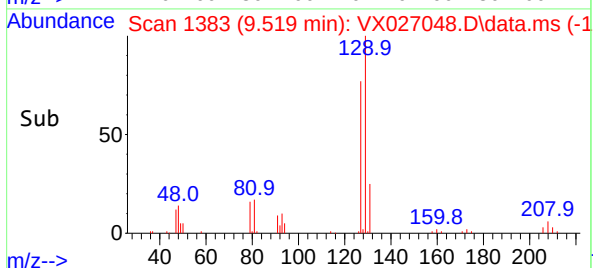
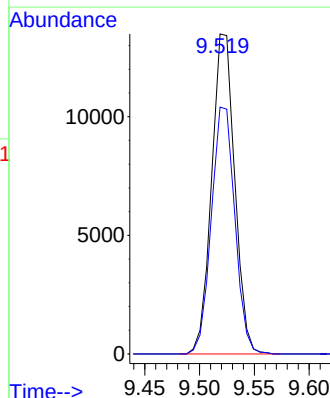
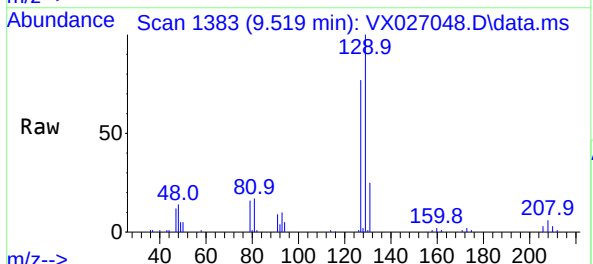
Acq: 16 Feb 2022 14:27

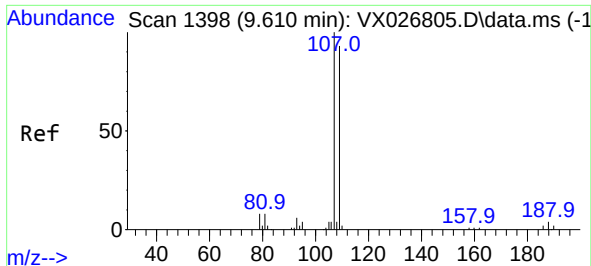
Tgt Ion:129 Resp: 19774

Ion Ratio Lower Upper

129 100

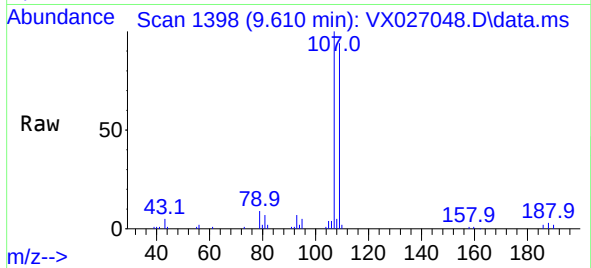
127 78.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.966 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

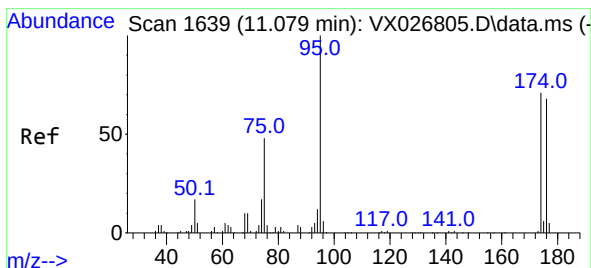
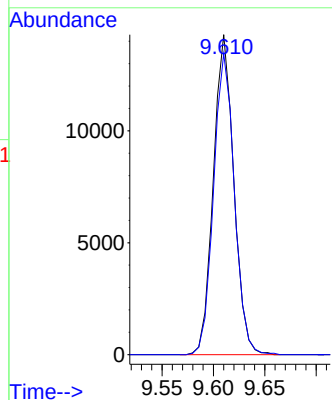
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



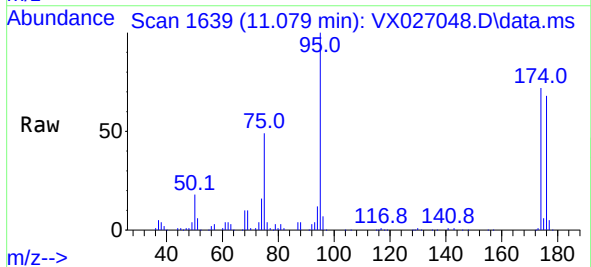
Tgt Ion:107 Resp: 1975
Ion Ratio Lower Upper
107 100
109 95.5 75.5 113.3

Manual Integrations
APPROVED

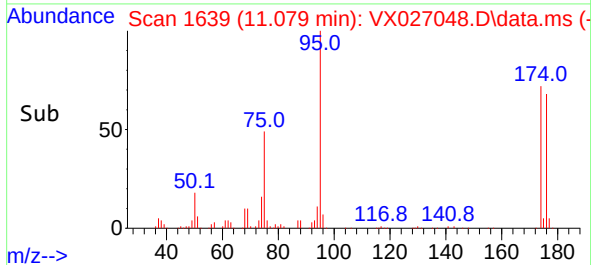
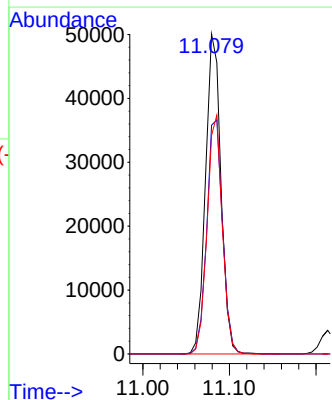
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

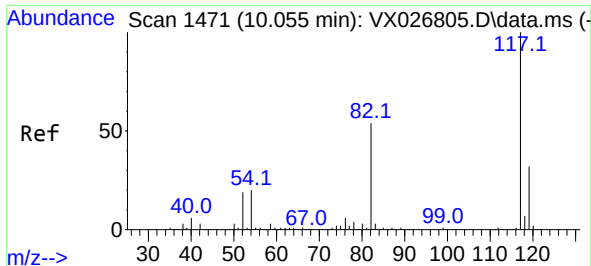


#62
4-Bromofluorobenzene
Concen: 59.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



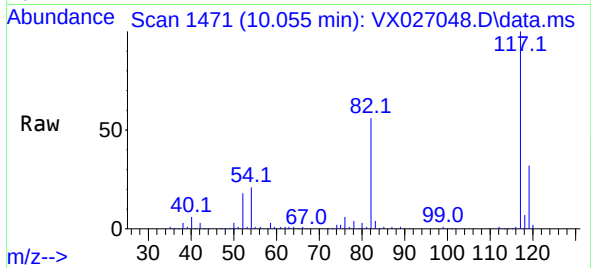
Tgt Ion: 95 Resp: 61705
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 73.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

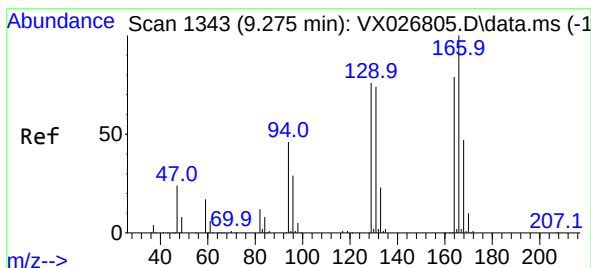
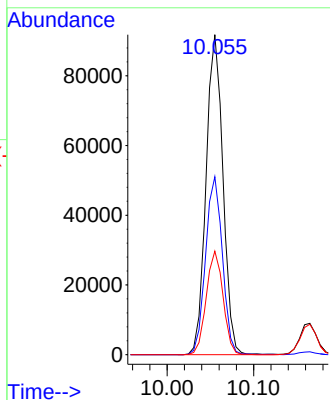
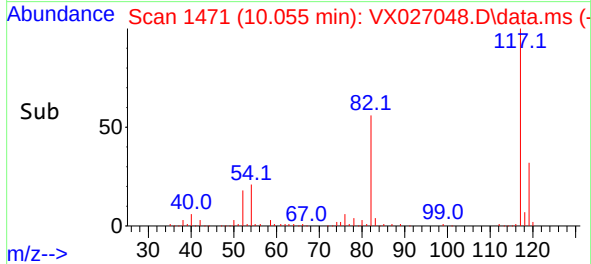
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



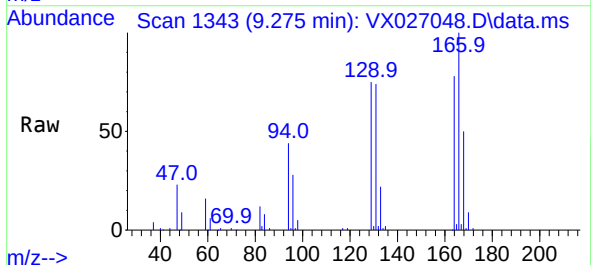
Tgt Ion:117 Resp: 124428
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 32.4 26.2 39.2

Manual Integrations
APPROVED

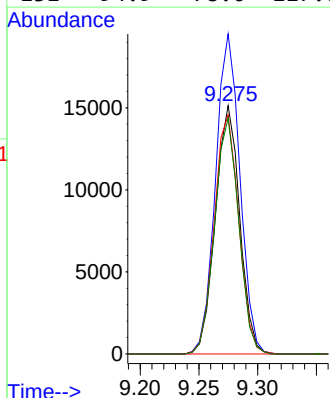
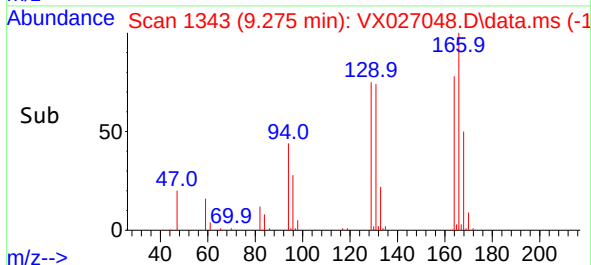
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

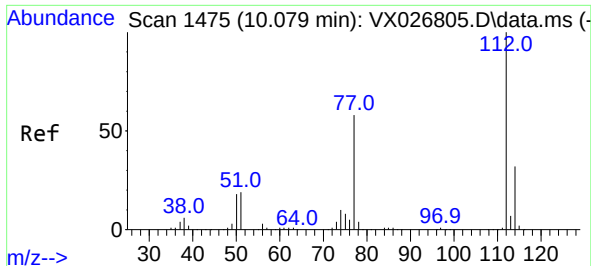


#64
Tetrachloroethene
Concen: 17.431 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



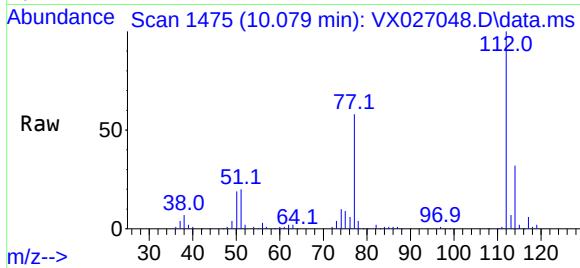
Tgt Ion:164 Resp: 21783
Ion Ratio Lower Upper
164 100
166 128.8 101.8 152.6
129 96.2 83.3 124.9
131 94.9 78.0 117.0





#65
Chlorobenzene
Concen: 20.009 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

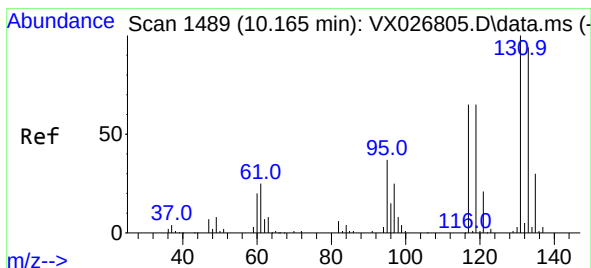
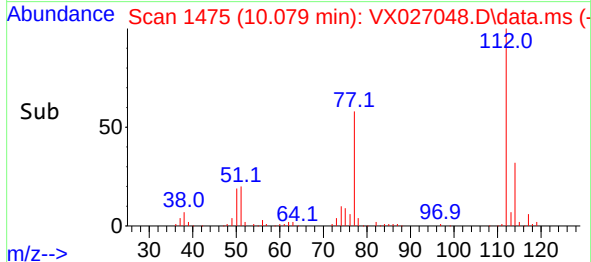
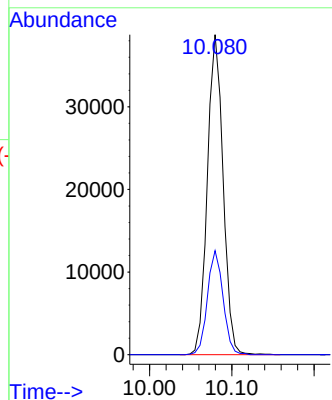
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion:112 Resp: 51489
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

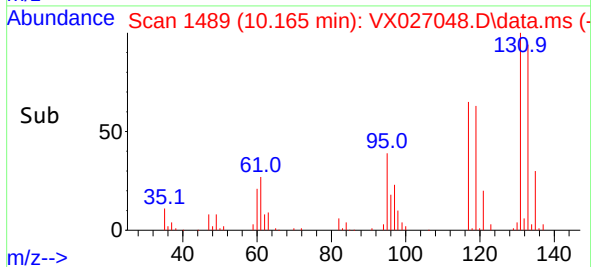
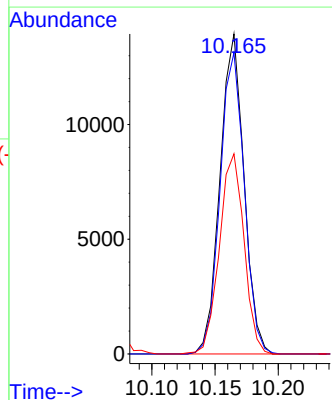
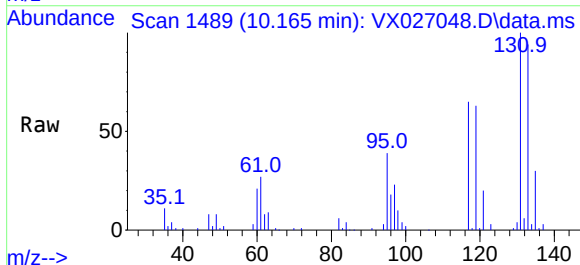
Manual Integrations
APPROVED

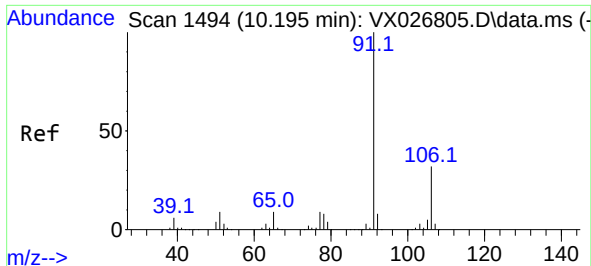
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.389 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

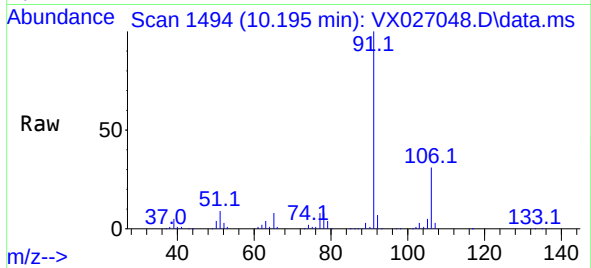
Tgt Ion:131 Resp: 18354
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 64.2 31.7 95.1





#67
Ethyl Benzene
Concen: 19.809 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

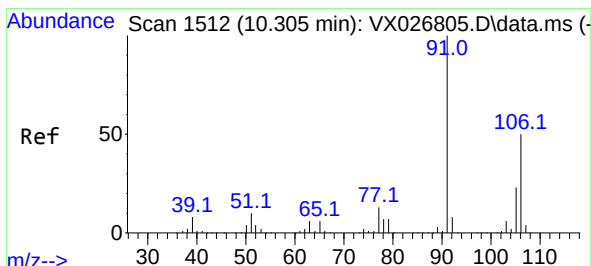
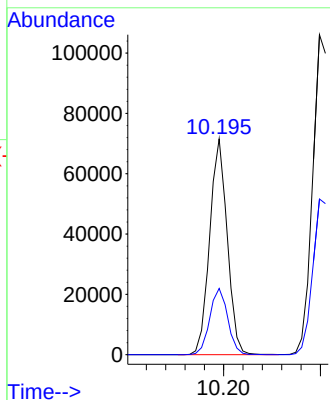
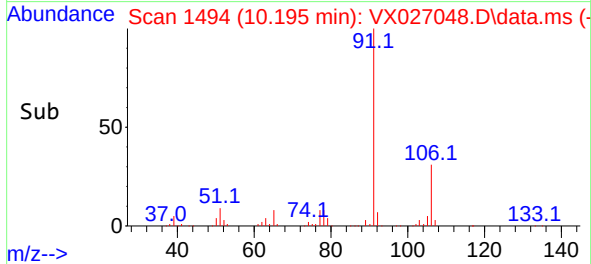
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



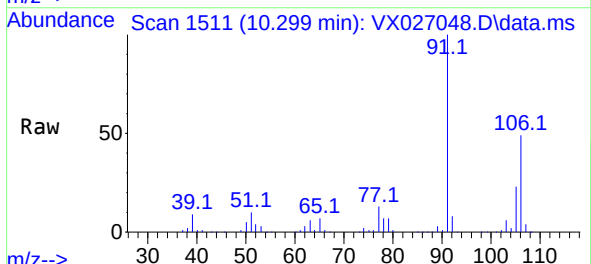
Tgt Ion: 91 Resp: 90219
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

Manual Integrations
APPROVED

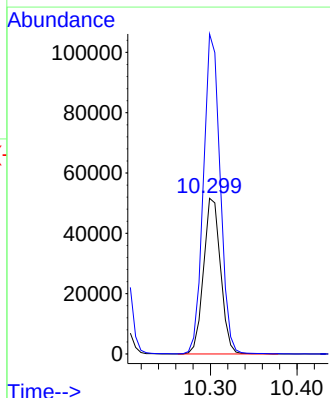
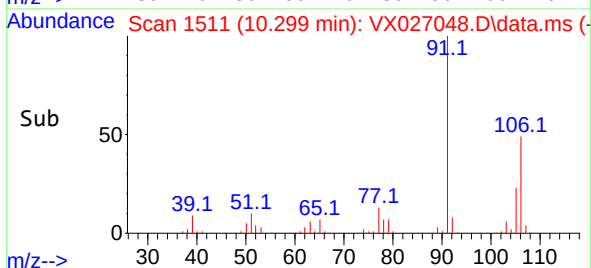
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

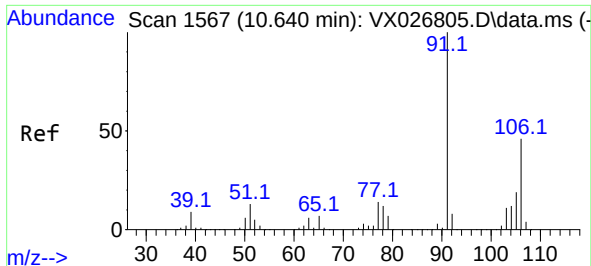


#68
m/p-Xylenes
Concen: 40.204 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion:106 Resp: 70450
Ion Ratio Lower Upper
106 100
91 202.7 165.3 247.9





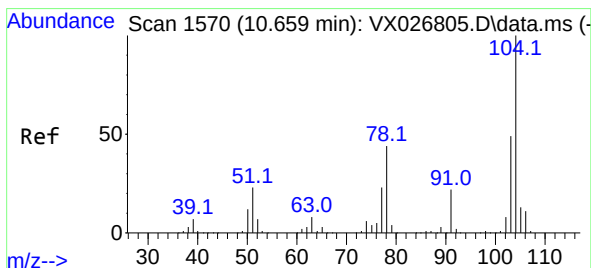
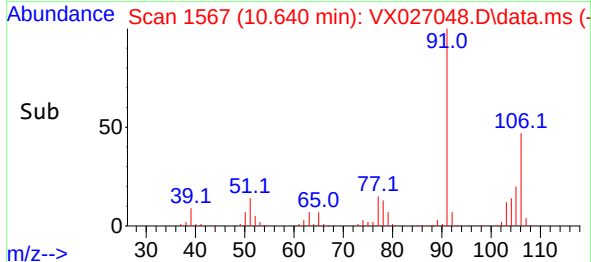
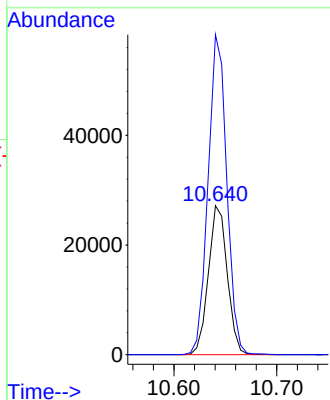
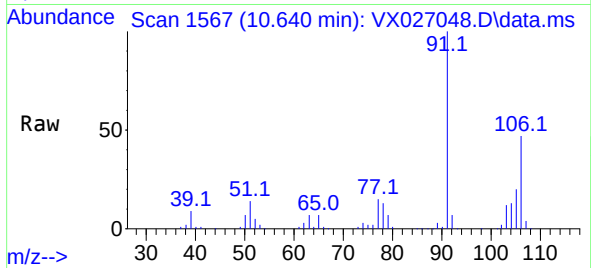
#69
o-Xylene
Concen: 20.183 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:106 Resp: 34654
Ion Ratio Lower Upper
106 100
91 212.4 109.7 329.0

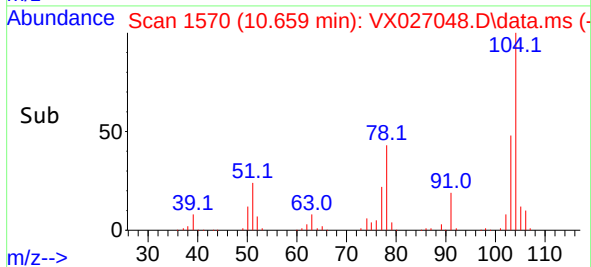
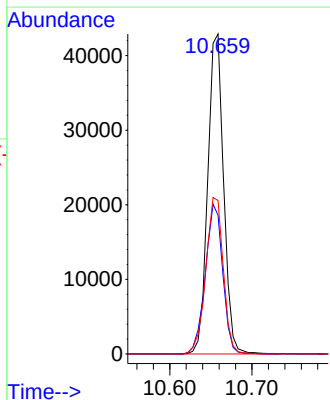
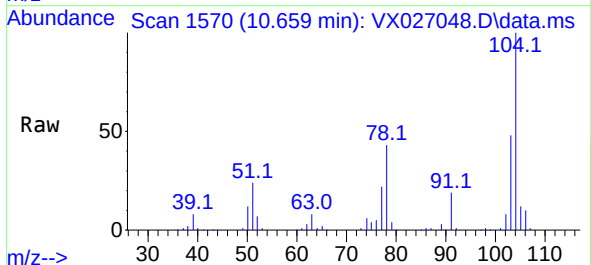
Manual Integrations
APPROVED

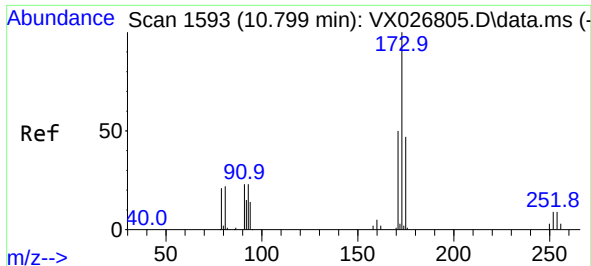
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 20.667 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

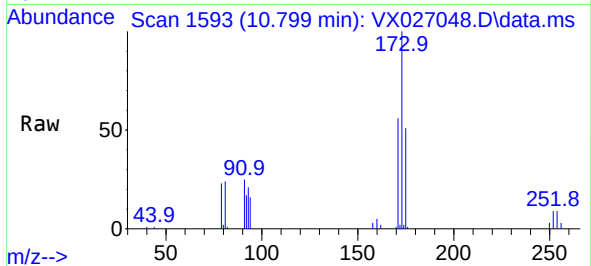
Tgt Ion:104 Resp: 57552
Ion Ratio Lower Upper
104 100
78 51.2 42.5 63.7
103 53.8 43.3 64.9





#71
Bromoform
Concen: 20.051 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

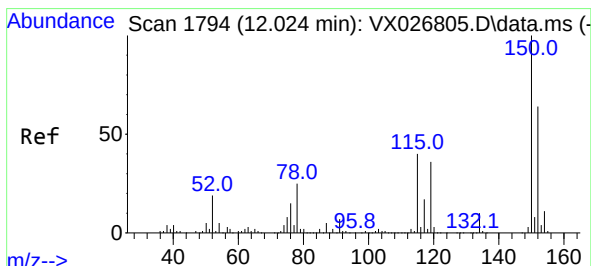
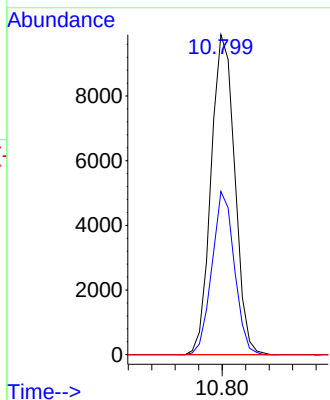
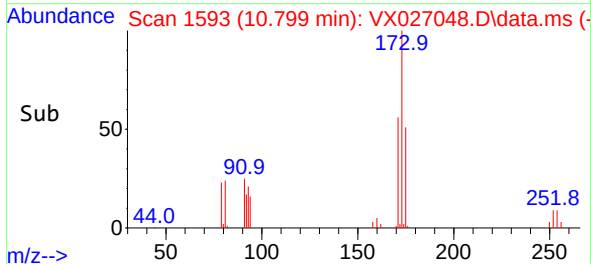
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



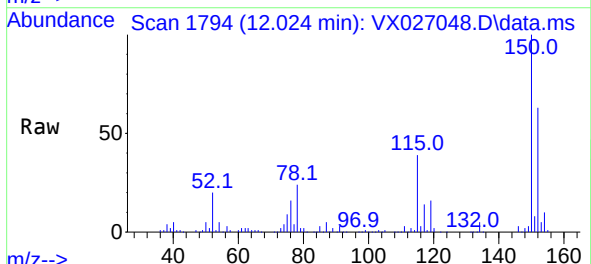
Tgt Ion:173 Resp: 1385
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

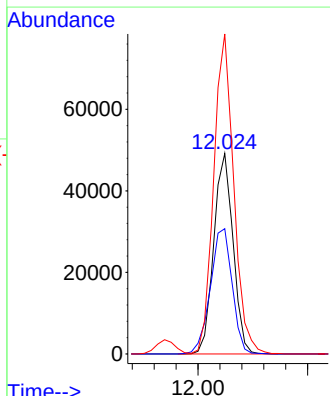
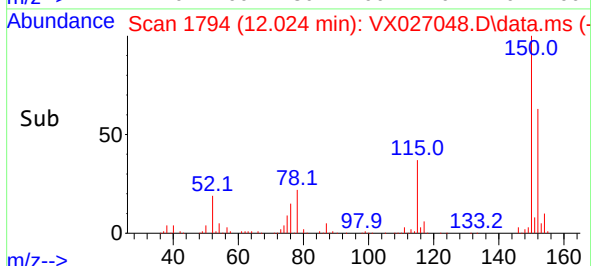
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

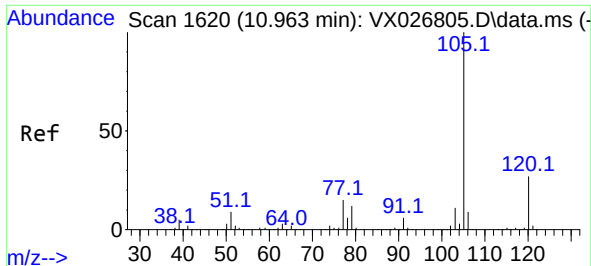


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion:152 Resp: 60181
Ion Ratio Lower Upper
152 100
115 70.5 44.2 132.6
150 165.9 0.0 348.2





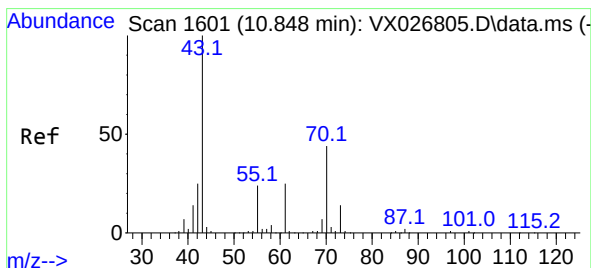
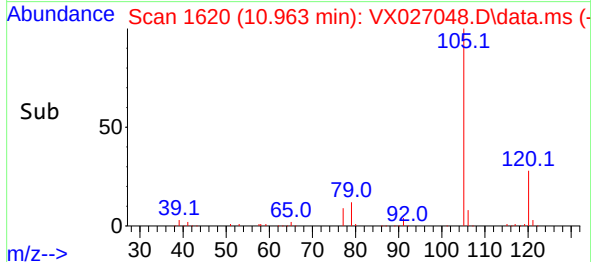
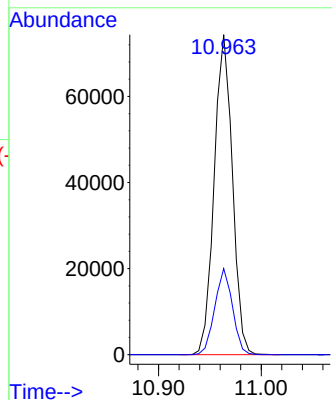
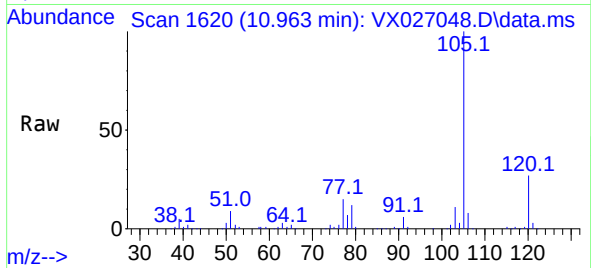
#73
Isopropylbenzene
Concen: 19.256 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:105 Resp: 9128
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

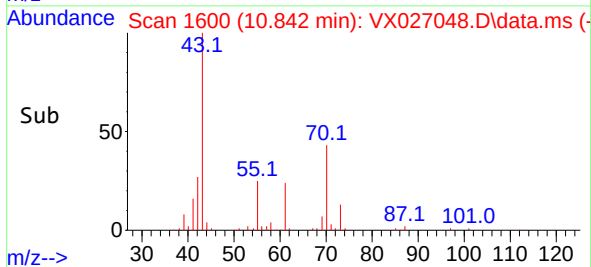
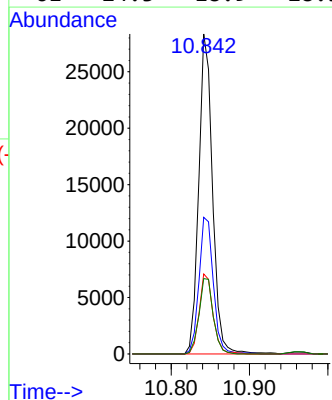
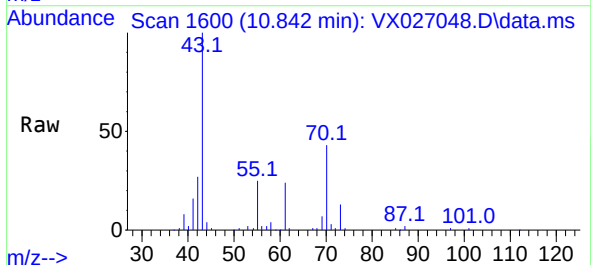
Manual Integrations
APPROVED

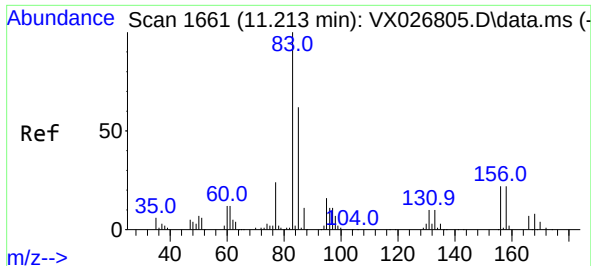
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 18.322 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

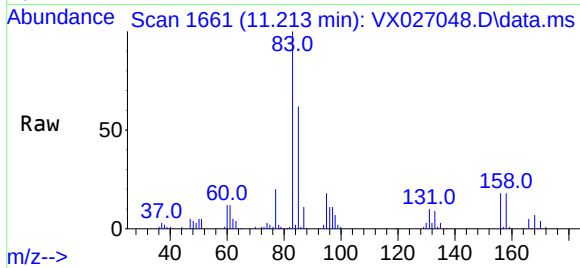
Tgt Ion: 43 Resp: 34703
Ion Ratio Lower Upper
43 100
70 44.7 32.9 49.3
55 25.0 18.3 27.5
61 24.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.413 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

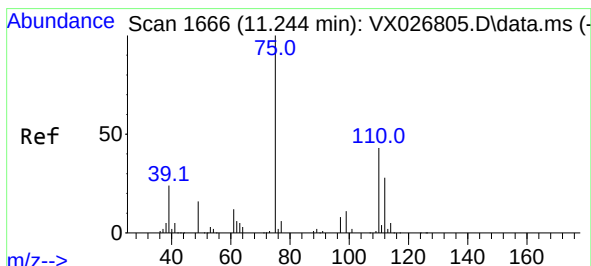
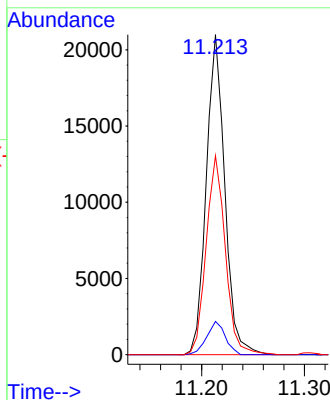
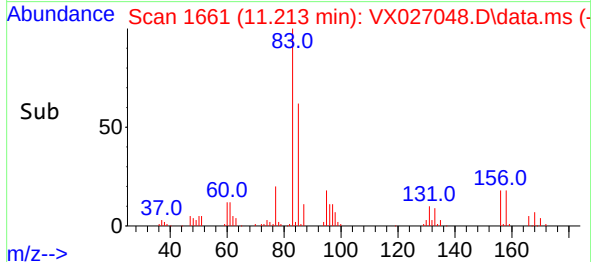
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



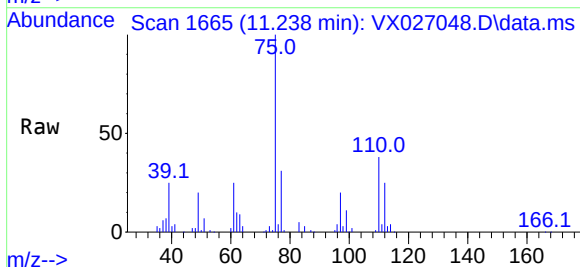
Tgt Ion: 83 Resp: 26260
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.6 32.0 96.2

Manual Integrations
APPROVED

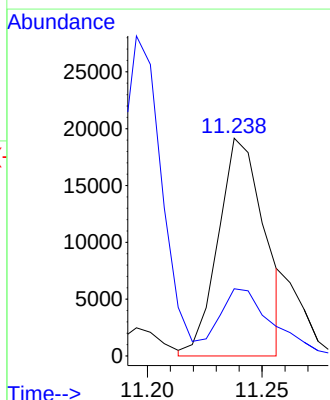
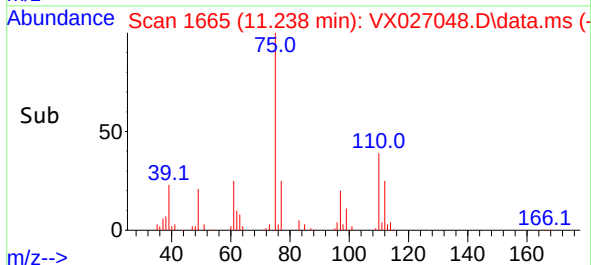
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

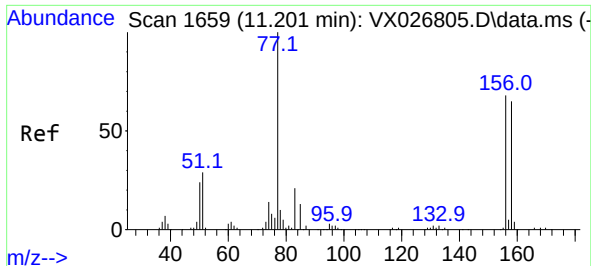


#76
1,2,3-Trichloropropane
Concen: 20.339 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



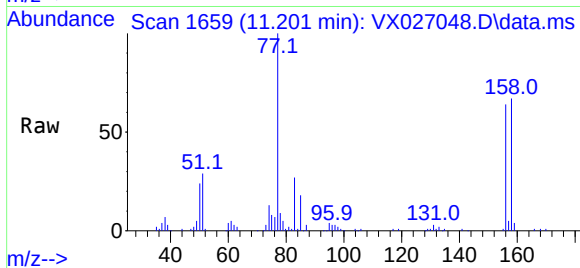
Tgt Ion: 75 Resp: 26794
Ion Ratio Lower Upper
75 100
77 36.7 18.3 54.8





#77
Bromobenzene
Concen: 19.461 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

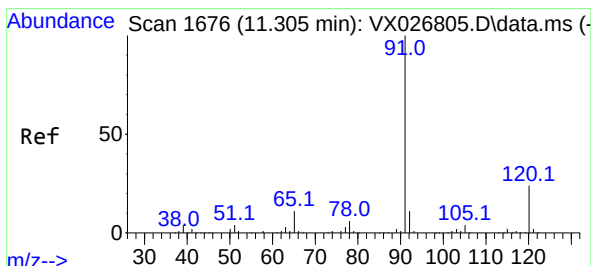
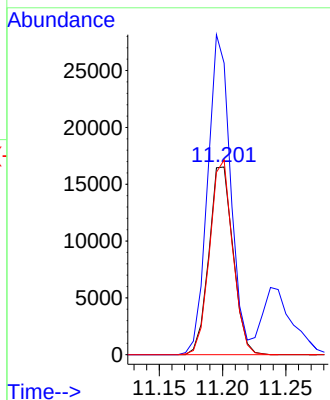
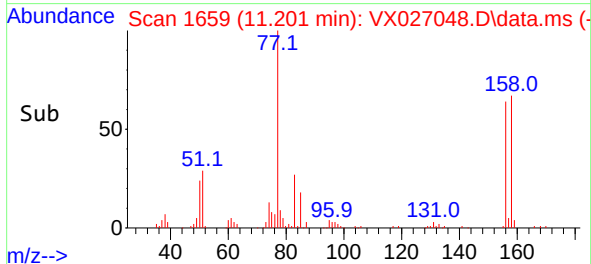
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



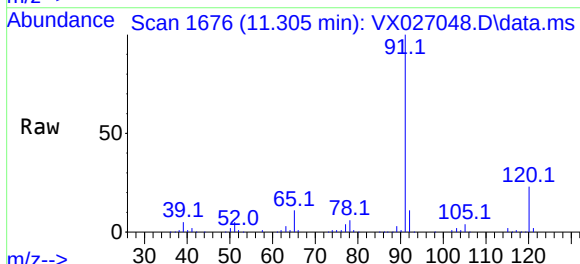
Tgt Ion:156 Resp: 21928
Ion Ratio Lower Upper
156 100
77 161.5 84.5 253.4
158 98.6 48.1 144.4

Manual Integrations
APPROVED

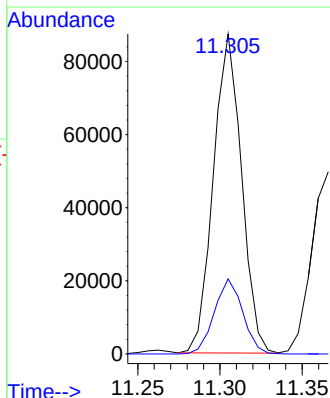
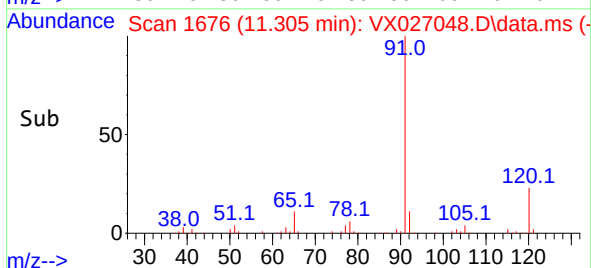
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

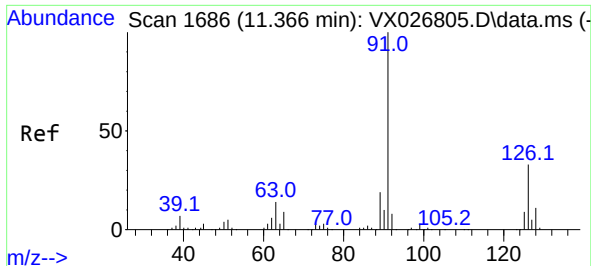


#78
n-propylbenzene
Concen: 19.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion: 91 Resp: 103871
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7





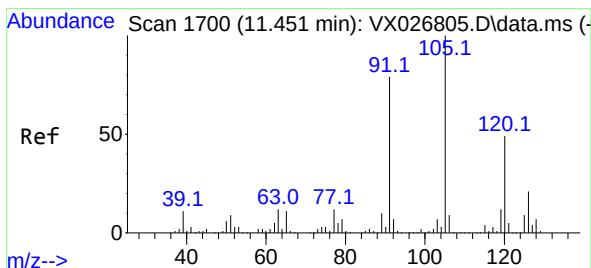
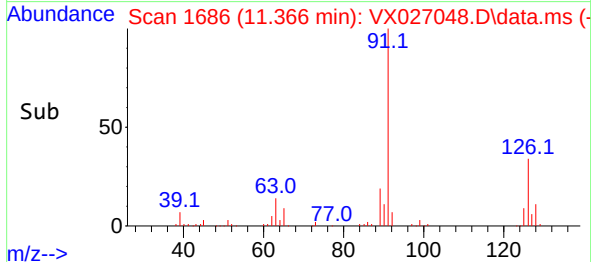
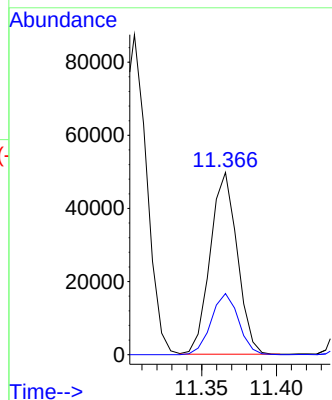
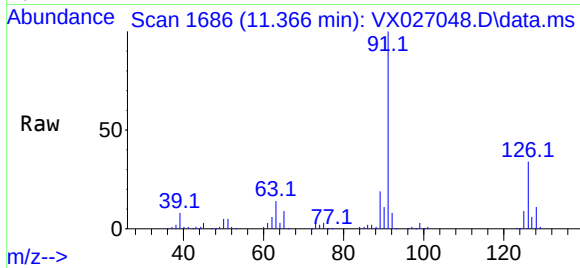
#79
2-Chlorotoluene
Concen: 19.261 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion: 91 Resp: 62539
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.2

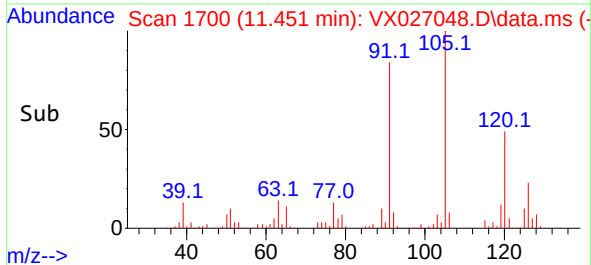
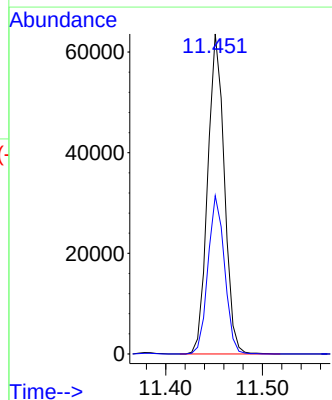
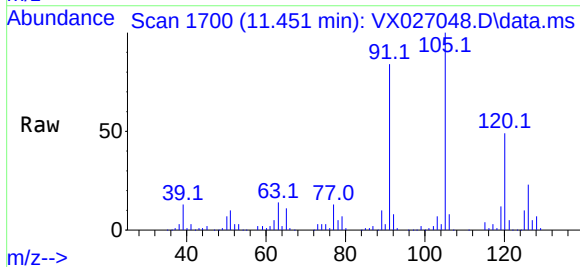
Manual Integrations
APPROVED

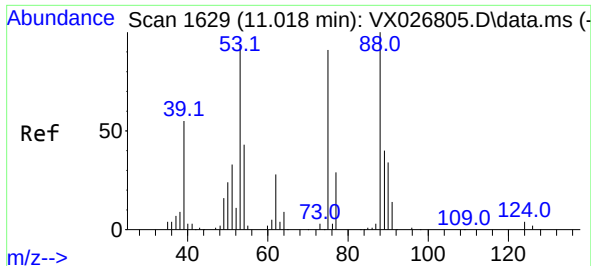
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.462 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

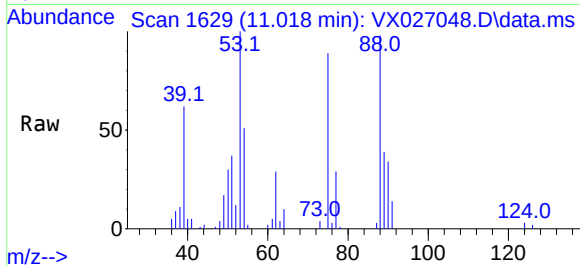
Tgt Ion:105 Resp: 75930
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

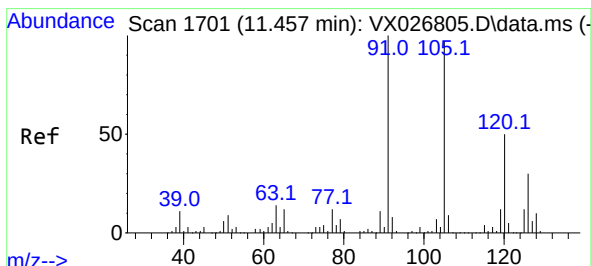
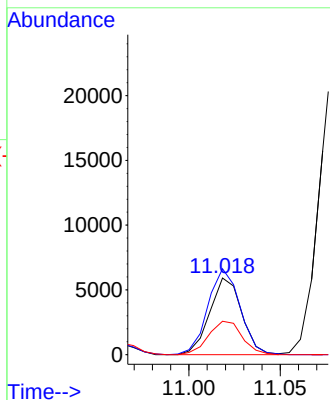
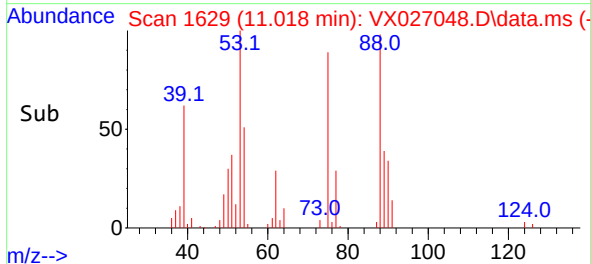
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



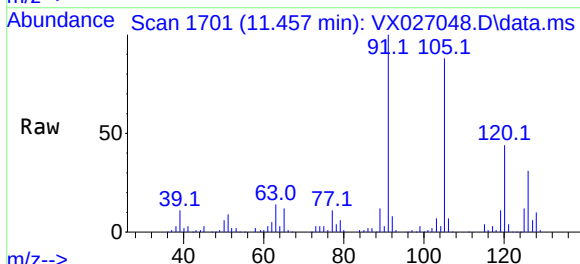
Tgt Ion: 75 Resp: 721
Ion Ratio Lower Upper
75 100
53 112.7 94.0 141.0
89 46.0 37.0 55.4

Manual Integrations
APPROVED

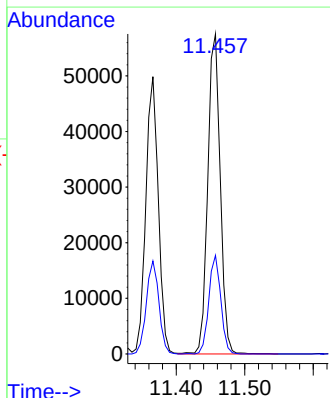
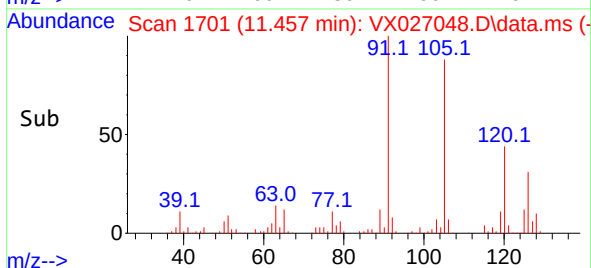
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

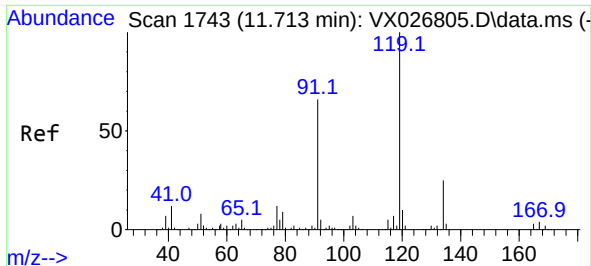


#82
4-Chlorotoluene
Concen: 20.041 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



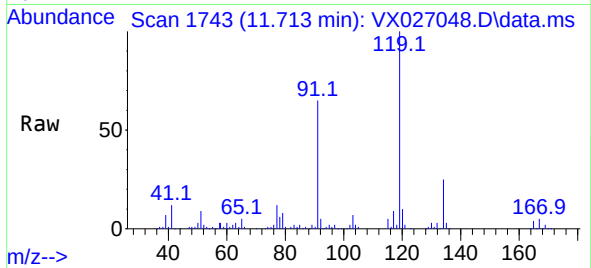
Tgt Ion: 91 Resp: 73002
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.208 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

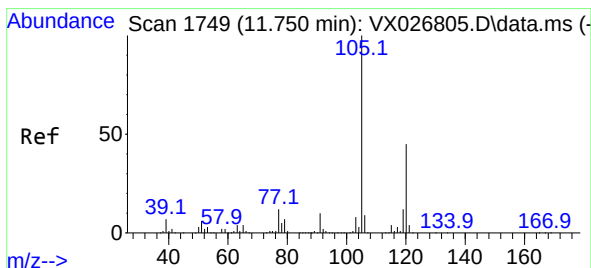
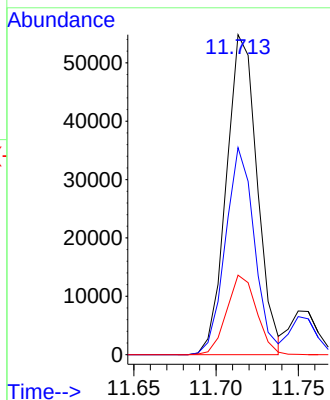
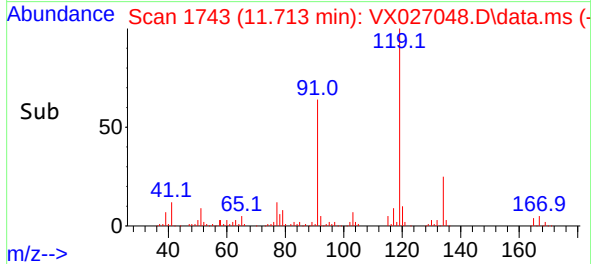
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



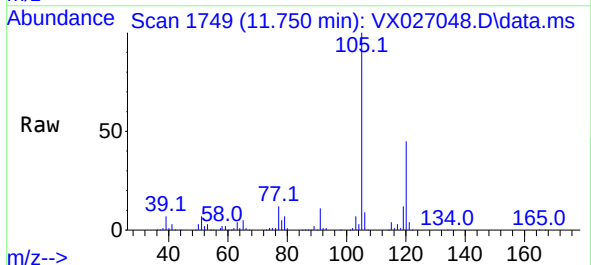
Tgt Ion:119 Resp: 7142
Ion Ratio Lower Upper
119 100
91 61.2 31.4 94.0
134 24.2 11.8 35.3

Manual Integrations
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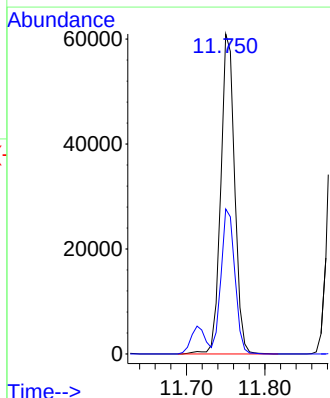
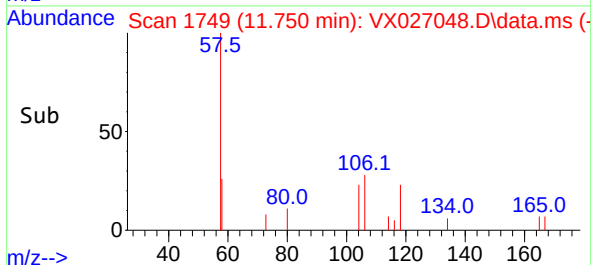
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

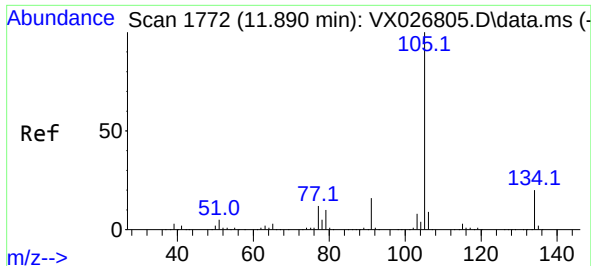


#84
1,2,4-Trimethylbenzene
Concen: 19.140 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



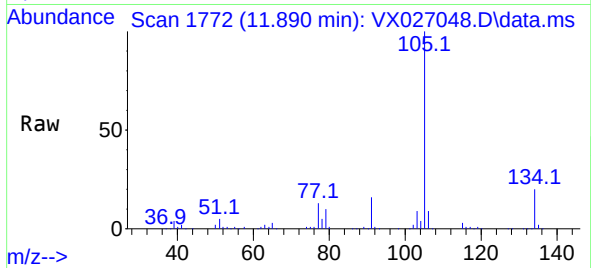
Tgt Ion:105 Resp: 75321
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 19.730 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027048.D
 Acq: 16 Feb 2022 14:27

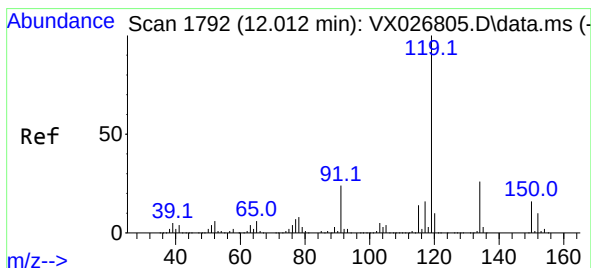
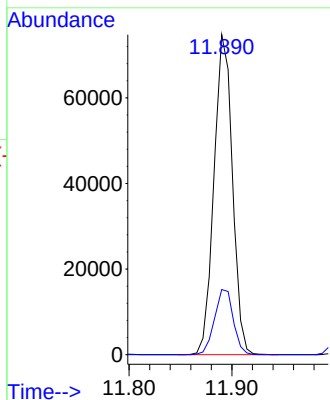
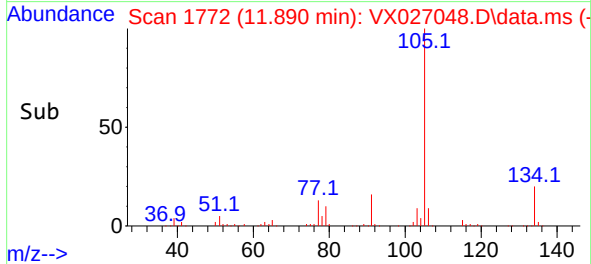
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBSD02



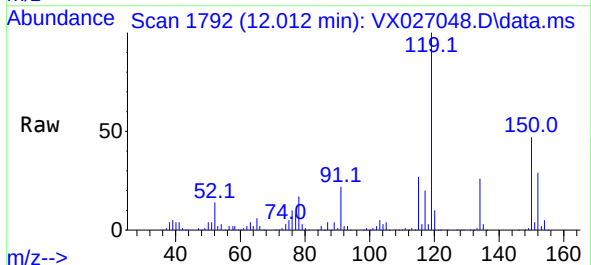
Tgt Ion:105 Resp: 9299
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

Manual Integrations
 APPROVED

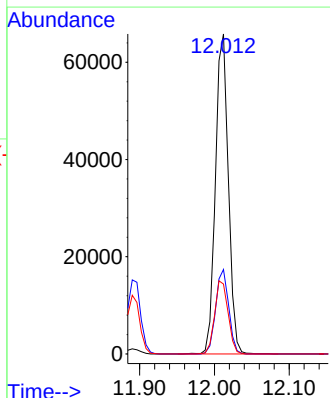
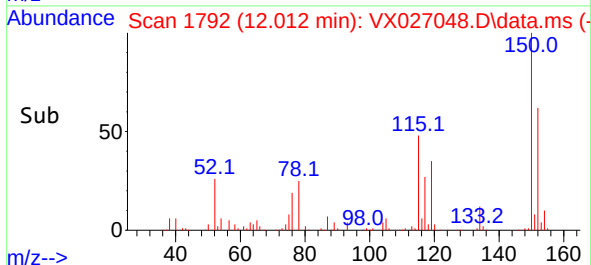
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022

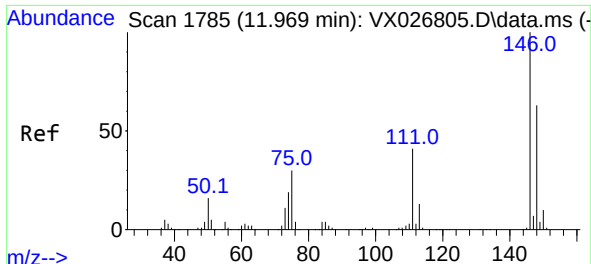


#86
 p-Isopropyltoluene
 Concen: 19.853 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027048.D
 Acq: 16 Feb 2022 14:27



Tgt Ion:119 Resp: 79276
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.8 12.6 37.6





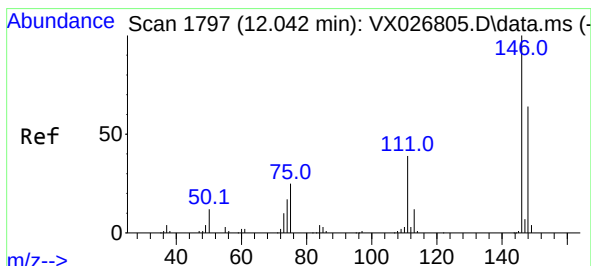
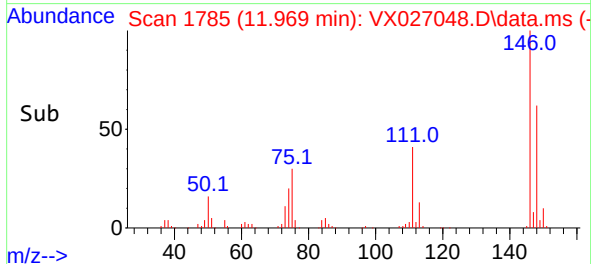
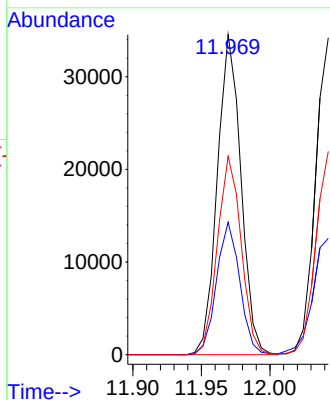
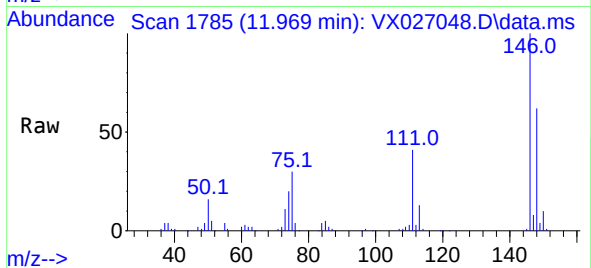
#87
1,3-Dichlorobenzene
Concen: 20.033 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:146 Resp: 41362
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.7
148 62.7 31.6 95.0

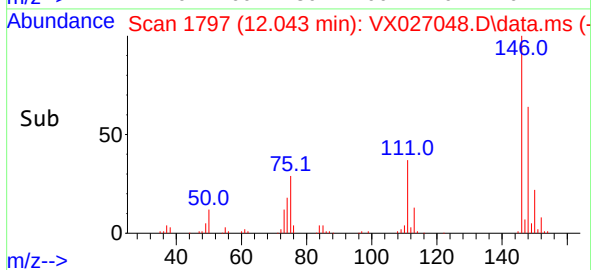
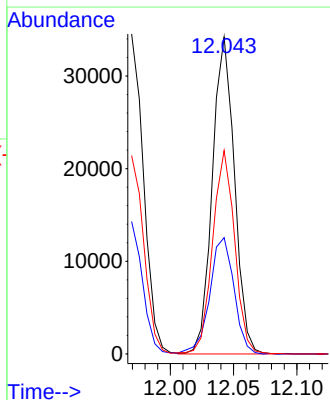
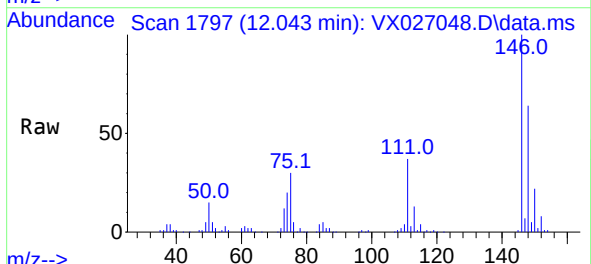
Manual Integrations
APPROVED

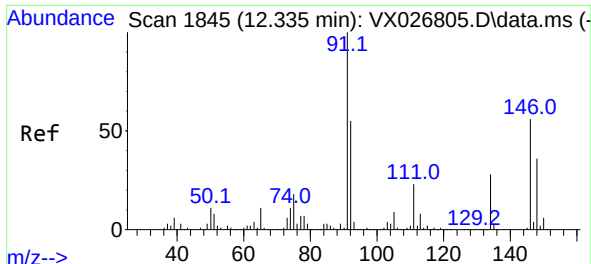
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#88
1,4-Dichlorobenzene
Concen: 19.969 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

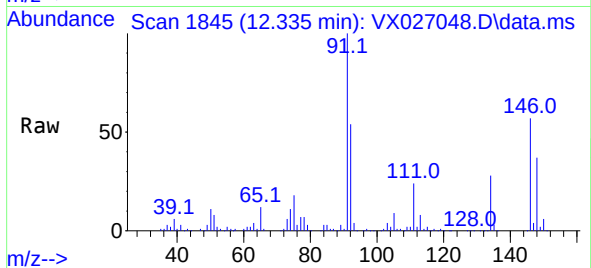
Tgt Ion:146 Resp: 41580
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.6
148 63.9 31.4 94.0





#89
n-Butylbenzene
Concen: 20.432 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

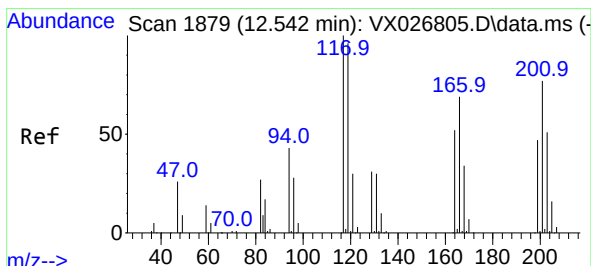
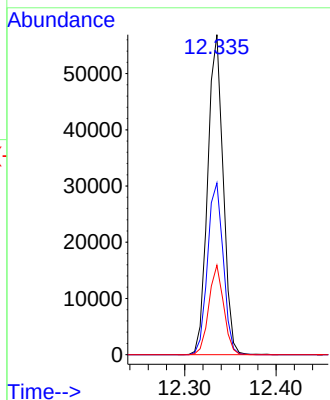
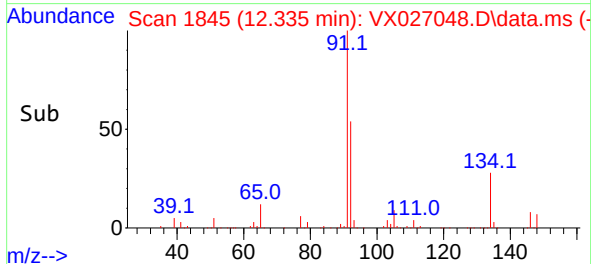
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



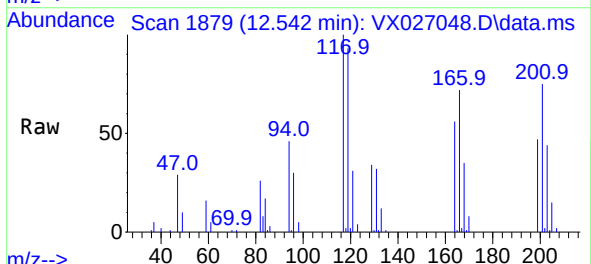
Tgt Ion: 91 Resp: 6675
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.6
134 26.8 13.1 39.1

Manual Integrations
APPROVED

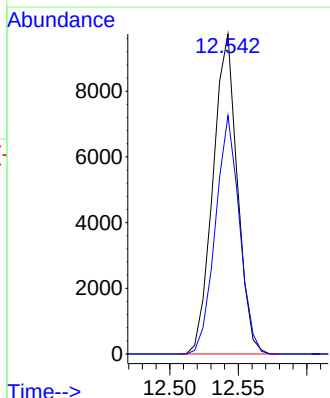
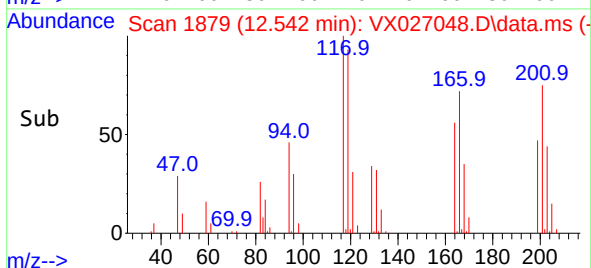
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

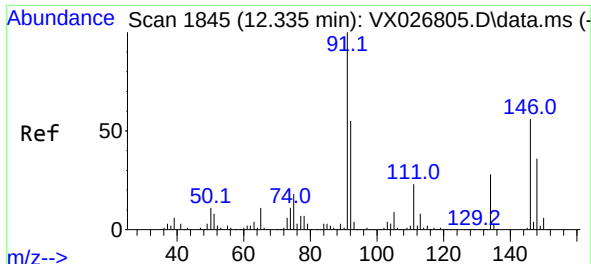


#90
Hexachloroethane
Concen: 20.859 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



Tgt Ion:117 Resp: 12038
Ion Ratio Lower Upper
117 100
201 73.4 35.6 106.8





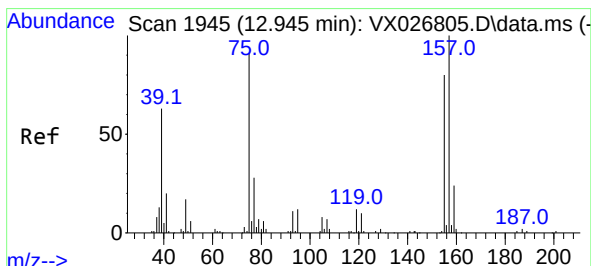
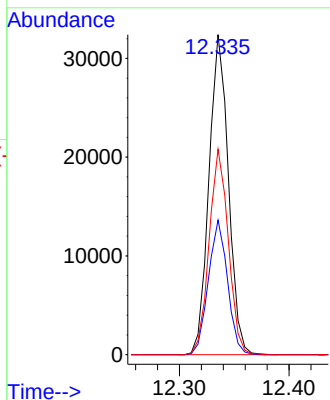
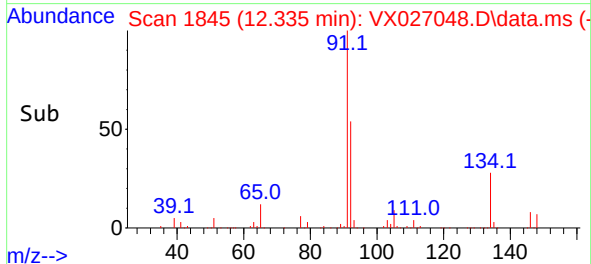
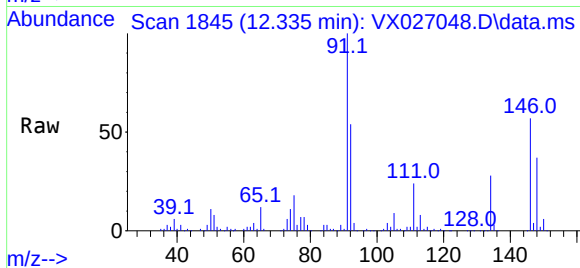
#91
1,2-Dichlorobenzene
Concen: 20.020 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02

Tgt Ion:146 Resp: 3988
Ion Ratio Lower Upper
146 100
111 41.5 21.8 65.3
148 63.5 32.0 96.2

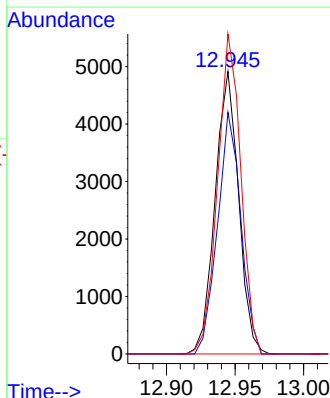
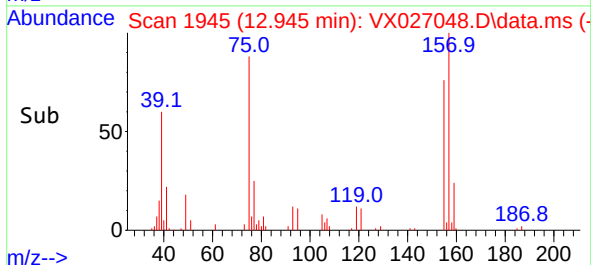
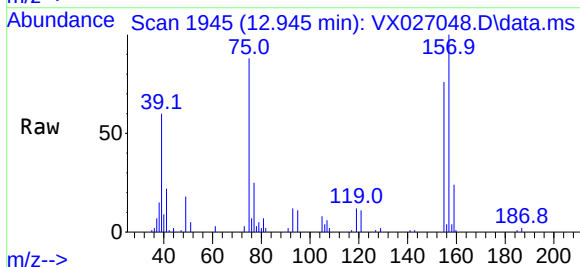
Manual Integrations
APPROVED

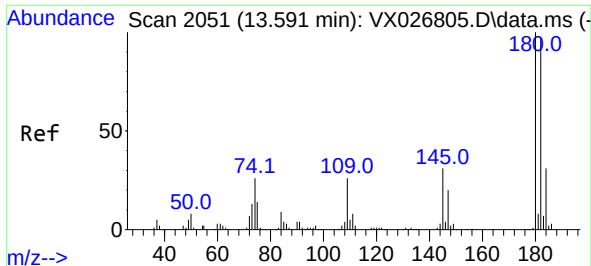
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.502 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

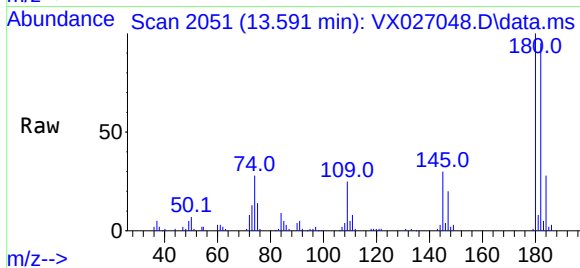
Tgt Ion: 75 Resp: 5853
Ion Ratio Lower Upper
75 100
155 84.9 40.0 119.9
157 112.2 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 20.086 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

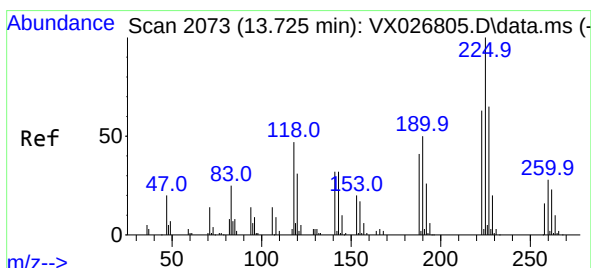
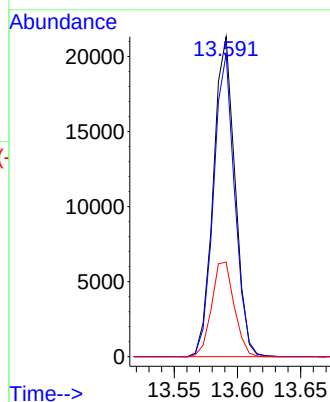
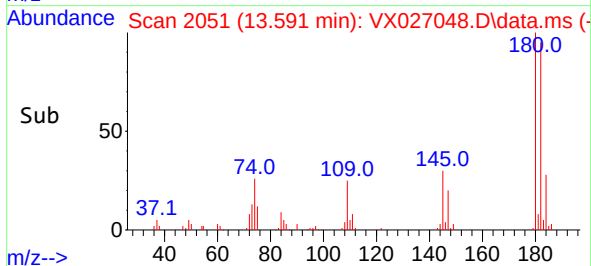
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



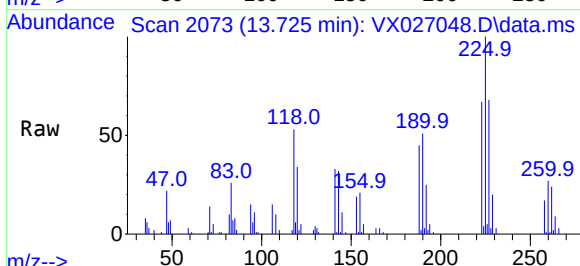
Tgt Ion:180 Resp: 25254
Ion Ratio Lower Upper
180 100
182 92.8 46.7 140.0
145 31.0 16.3 48.8

Manual Integrations
APPROVED

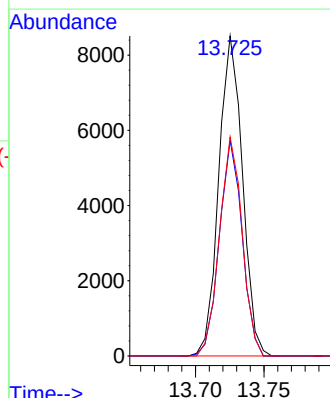
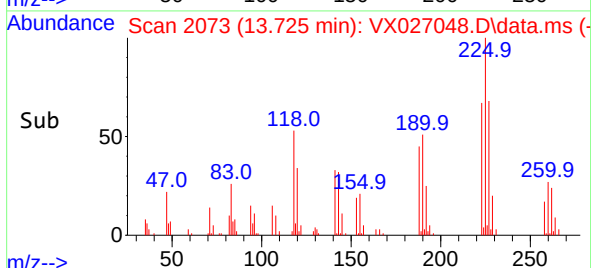
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

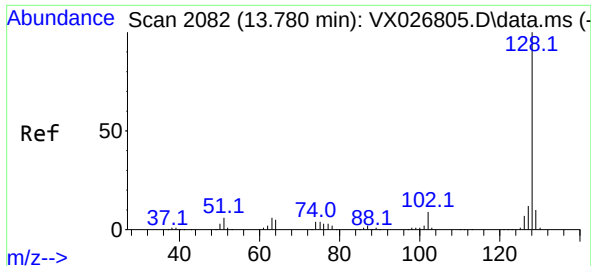


#94
Hexachlorobutadiene
Concen: 19.200 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27



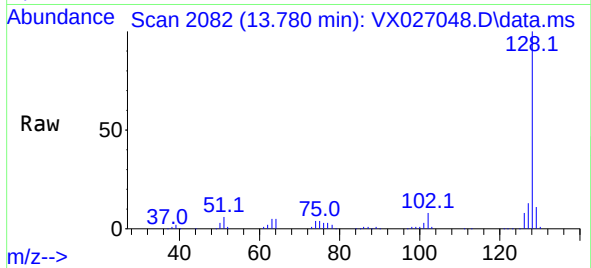
Tgt Ion:225 Resp: 10211
Ion Ratio Lower Upper
225 100
223 64.8 32.0 96.0
227 65.8 32.3 96.9





#95
Naphthalene
Concen: 19.196 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

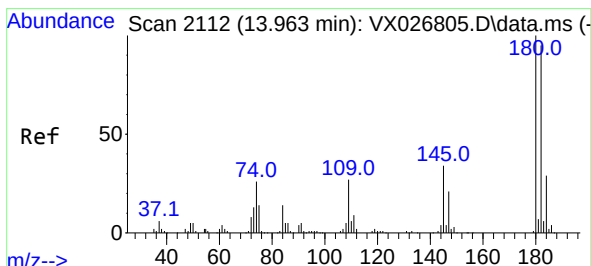
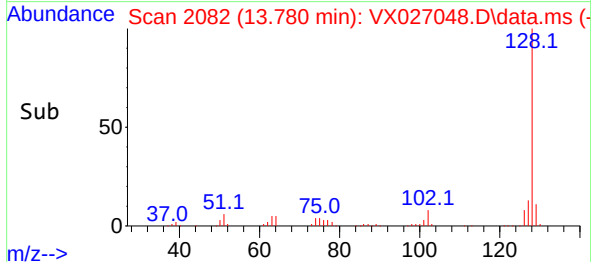
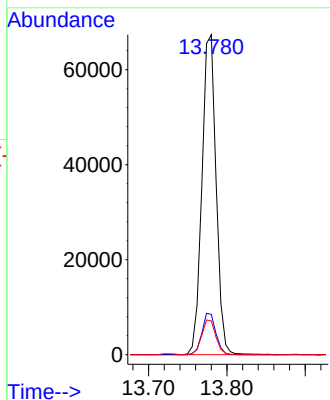
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBSD02



Tgt Ion:128 Resp: 84539
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027048.D
Acq: 16 Feb 2022 14:27

Tgt Ion:180 Resp: 24815
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 33.3 17.5 52.5

