

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027207.D
 Acq On : 25 Feb 2022 22:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 23:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	79926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47083	49.049	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.100%		
35) Dibromofluoromethane	5.391	113	38632	48.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.653	98	145629	48.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	55396	48.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38669	48.672	ug/l	100
3) Chloromethane	1.295	50	38859	52.324	ug/l	100
4) Vinyl Chloride	1.380	62	35881	48.505	ug/l	99
5) Bromomethane	1.599	94	15651	48.424	ug/l	97
6) Chloroethane	1.685	64	22208	48.889	ug/l	97
7) Trichlorofluoromethane	1.886	101	57048	49.584	ug/l	98
8) Diethyl Ether	2.136	74	20353	50.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	39892	49.771	ug/l	97
10) Methyl Iodide	2.453	142	58390	54.253	ug/l	96
11) Tert butyl alcohol	2.965	59	47471	254.172	ug/l	97
12) 1,1-Dichloroethene	2.325	96	38717	49.758	ug/l	89
13) Acrolein	2.239	56	44539	258.004	ug/l	99
14) Allyl chloride	2.666	41	69122	50.454	ug/l	94
15) Acrylonitrile	3.069	53	127366	265.761	ug/l	98
16) Acetone	2.386	43	107186	254.321	ug/l	95
17) Carbon Disulfide	2.514	76	97317	48.099	ug/l	99
18) Methyl Acetate	2.709	43	56971	52.371	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	137235	51.400	ug/l	100
20) Methylene Chloride	2.794	84	44207	50.606	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42286	50.959	ug/l	97
22) Diisopropyl ether	3.770	45	138543	51.874	ug/l	91
23) Vinyl Acetate	3.727	43	603424	267.556	ug/l	97
24) 1,1-Dichloroethane	3.611	63	77130	51.086	ug/l	100
25) 2-Butanone	4.562	43	176193	262.508	ug/l	98
26) 2,2-Dichloropropane	4.483	77	52726	48.139	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	49882	51.834	ug/l	94
28) Bromochloromethane	4.904	49	30264	49.548	ug/l	92
29) Tetrahydrofuran	5.007	42	115519	257.155	ug/l	96
30) Chloroform	5.099	83	79697	50.822	ug/l	100
31) Cyclohexane	5.477	56	70839	49.275	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	69726	51.363	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59381	50.812	ug/l	98
37) Ethyl Acetate	4.721	43	66585	51.894	ug/l	98
38) Carbon Tetrachloride	5.684	117	61047	50.086	ug/l	97
39) Methylcyclohexane	7.385	83	72237	49.691	ug/l	99
40) Benzene	6.044	78	174924	51.185	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 02/28/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37383	53.111	ug/l	95
42) 1,2-Dichloroethane	6.092	62	62624	51.654	ug/l	97
43) Isopropyl Acetate	6.342	43	105503	53.451	ug/l	97
44) Trichloroethene	7.129	130	53210	52.049	ug/l	96
45) 1,2-Dichloropropane	7.434	63	44686	53.515	ug/l	96
46) Dibromomethane	7.586	93	31405	52.363	ug/l	96
47) Bromodichloromethane	7.824	83	61099	52.194	ug/l	98
48) Methyl methacrylate	7.696	41	52694	55.152	ug/l	95
49) 1,4-Dioxane	7.659	88	22140	1025.037	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	348240	271.444	ug/l	97
52) Toluene	8.720	92	114125	52.152	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	61674	46.764	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69389	53.102	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	46395	53.528	ug/l	98
56) Ethyl methacrylate	9.116	69	73326	54.339	ug/l	95
57) 1,3-Dichloropropane	9.311	76	77150	53.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	167856	258.062	ug/l	97
59) 2-Hexanone	9.433	43	262184	267.389	ug/l	96
60) Dibromochloromethane	9.525	129	48287	53.704	ug/l	100
61) 1,2-Dibromoethane	9.610	107	48027	52.031	ug/l	100
64) Tetrachloroethene	9.275	164	54862	51.345	ug/l	95
65) Chlorobenzene	10.080	112	122020	50.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44907	51.439	ug/l	99
67) Ethyl Benzene	10.195	91	216424	51.211	ug/l	99
68) m/p-Xylenes	10.305	106	166993	102.785	ug/l	97
69) o-Xylene	10.640	106	83564	51.247	ug/l	94
70) Styrene	10.659	104	139012	52.100	ug/l	97
71) Bromoform	10.799	173	34421	45.981	ug/l #	99
73) Isopropylbenzene	10.964	105	215630	52.284	ug/l	98
74) N-amyl acetate	10.842	43	91233	58.140	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	62690	51.463	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63245m	54.478	ug/l	
77) Bromobenzene	11.201	156	53087	51.606	ug/l	94
78) n-propylbenzene	11.305	91	247128	52.721	ug/l	98
79) 2-Chlorotoluene	11.366	91	148091	51.556	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	182216	52.543	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17913	45.616	ug/l	92
82) 4-Chlorotoluene	11.457	91	169279	51.587	ug/l	97
83) tert-Butylbenzene	11.713	119	171861	50.966	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	182047	52.775	ug/l	98
85) sec-Butylbenzene	11.890	105	222192	52.550	ug/l	98
86) p-Isopropyltoluene	12.012	119	188313	52.243	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98404	50.837	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	100005	50.528	ug/l	98
89) n-Butylbenzene	12.335	91	155349	51.564	ug/l	99
90) Hexachloroethane	12.543	117	28876	51.717	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	97117	51.420	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15158	53.598	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61497	51.599	ug/l	99
94) Hexachlorobutadiene	13.725	225	24313	49.136	ug/l	98
95) Naphthalene	13.774	128	216541	53.467	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61777	51.712	ug/l	98

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ClientSampleId :
VSTDCCC050

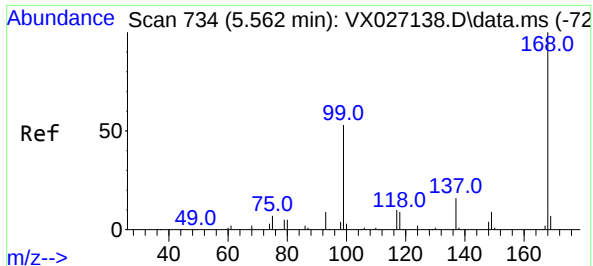
Manual Integrations
APPROVED

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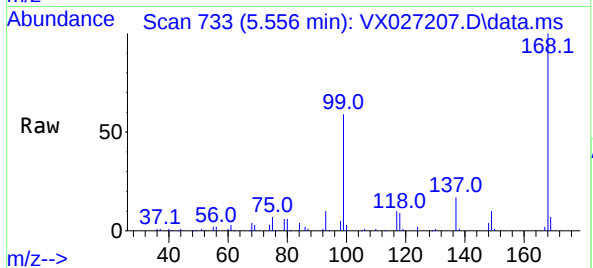
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

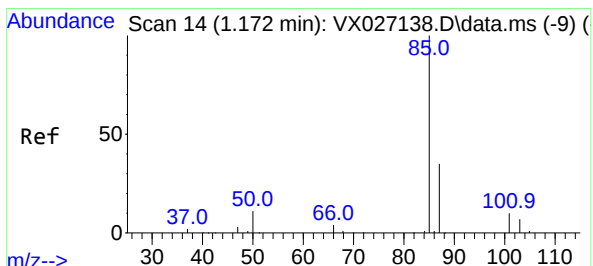
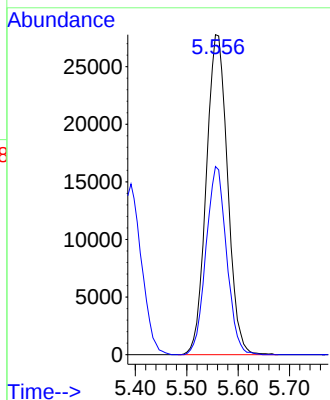
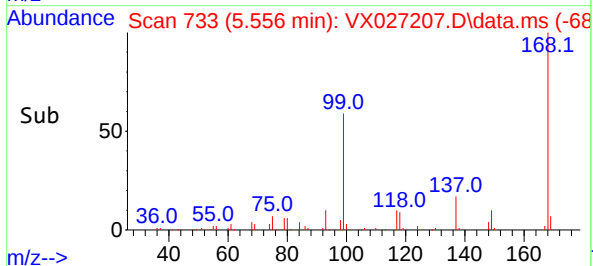
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 79920
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5

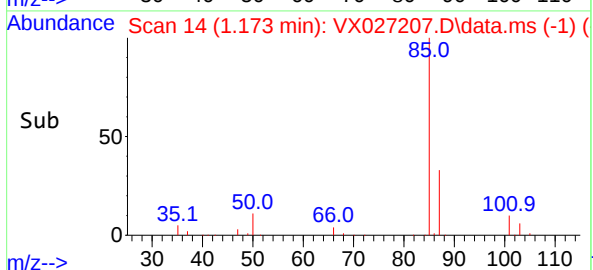
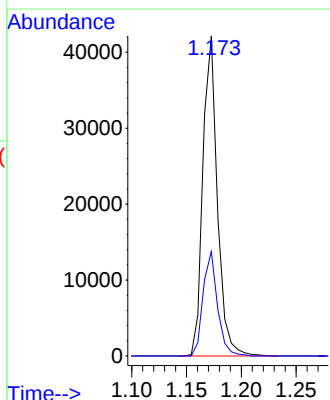
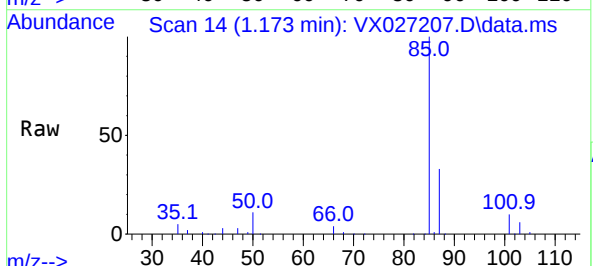
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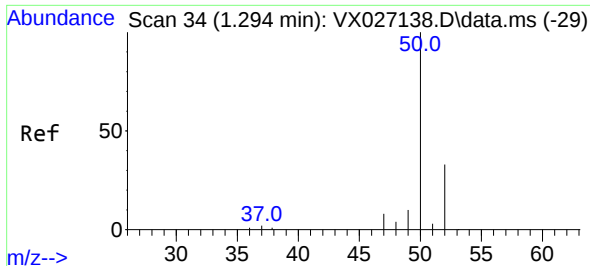
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#2
Dichlorodifluoromethane
Concen: 48.672 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

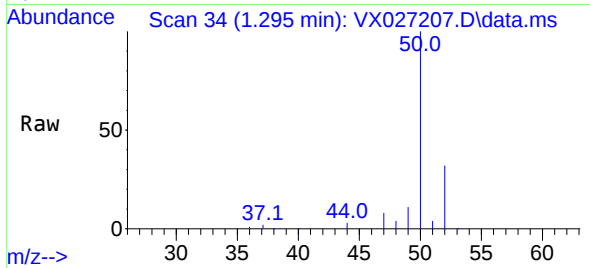
Tgt Ion: 85 Resp: 38669
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3
Chloromethane
Concen: 52.324 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

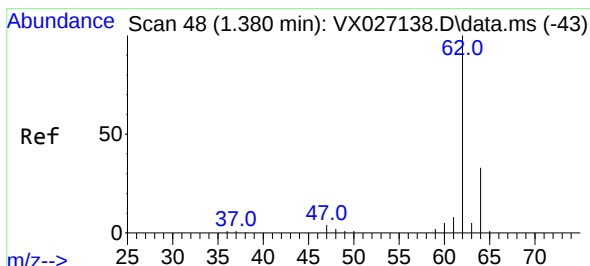
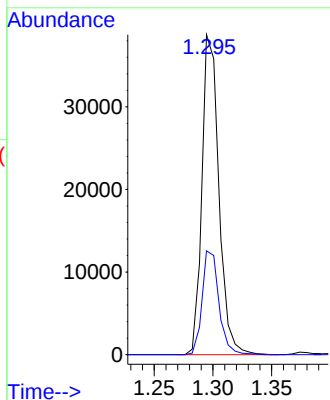
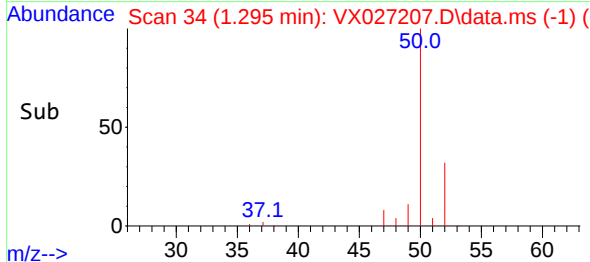
Instrument :
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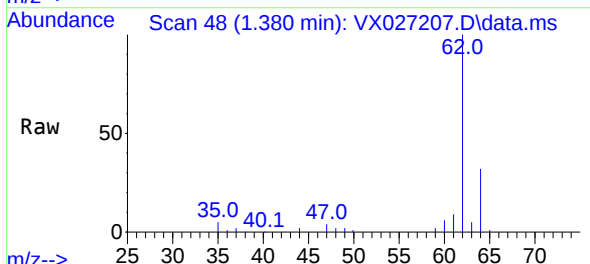
Tgt Ion: 50 Resp: 3885
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

Manual Integrations
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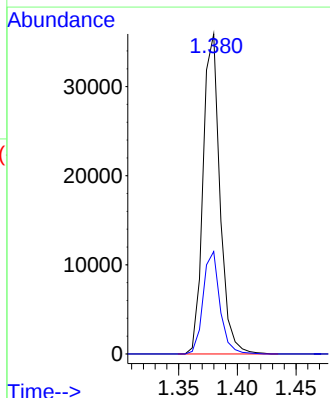
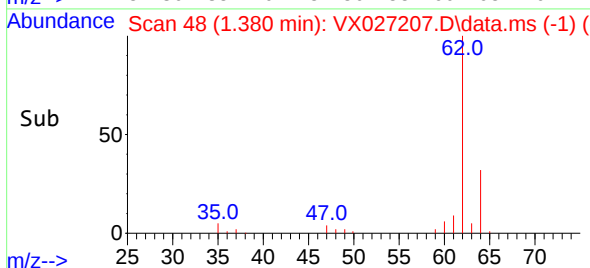
Reviewed By :John Carlone 02/28/2022
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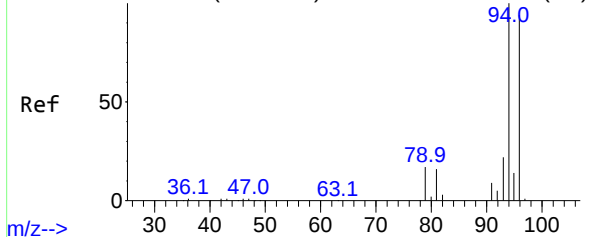
#4
Vinyl Chloride
Concen: 48.505 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 62 Resp: 35881
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2



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



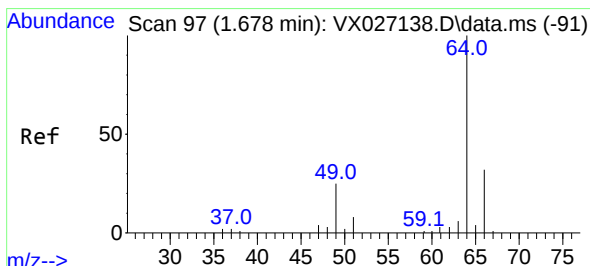
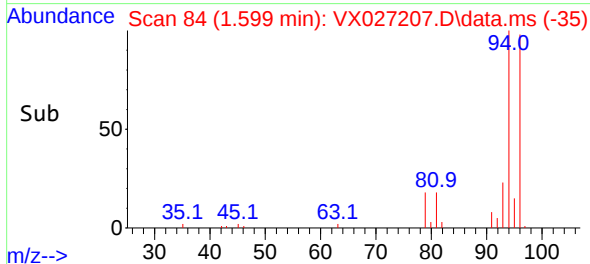
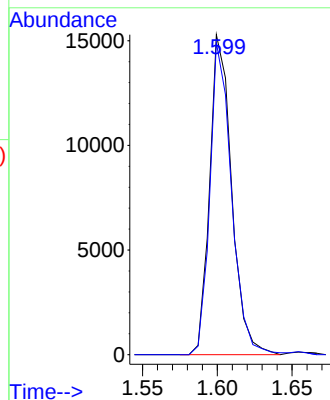
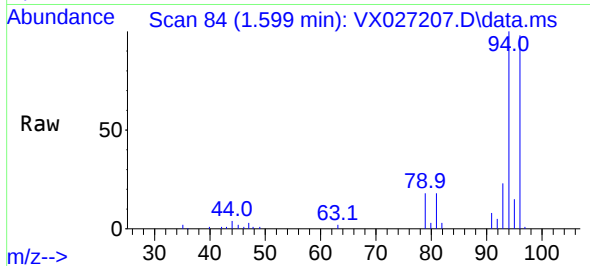
#5
Bromomethane
Concen: 48.424 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 1565
Ion Ratio Lower Upper
94 100
96 97.5 75.9 113.9

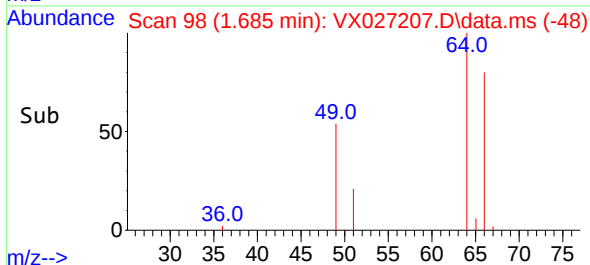
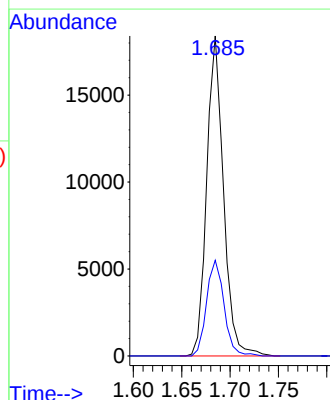
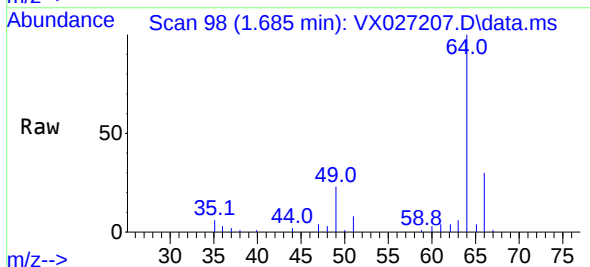
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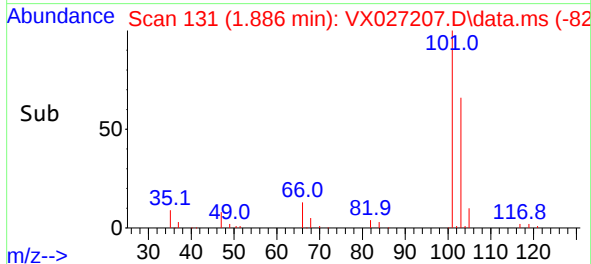
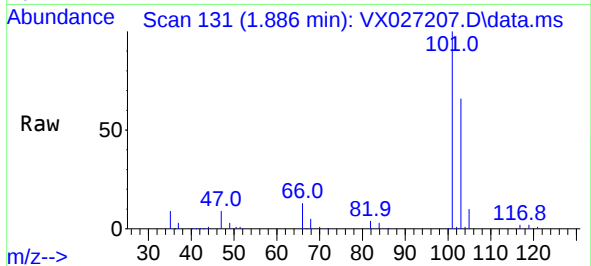
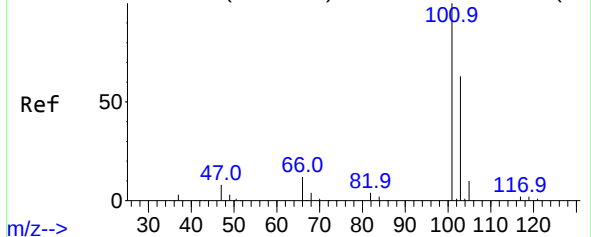


#6
Chloroethane
Concen: 48.889 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion: 64 Resp: 22208
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2



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



#7

Trichlorofluoromethane

Concen: 49.584 ug/l

RT: 1.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Tgt Ion:101 Resp: 5704

Ion Ratio Lower Upper

101 100

103 65.6 51.3 76.9

Instrument :

MSVOA_X

ClientSampleId :

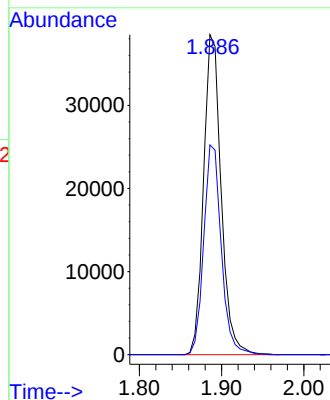
VSTDCCC050

Manual Integrations

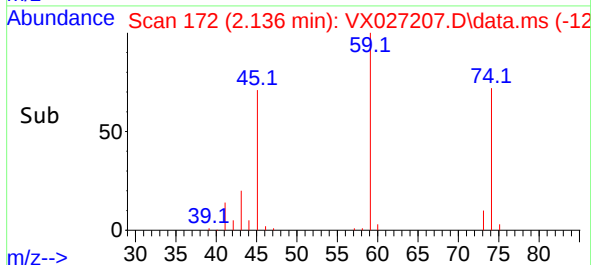
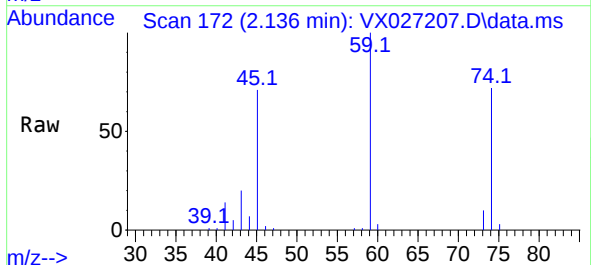
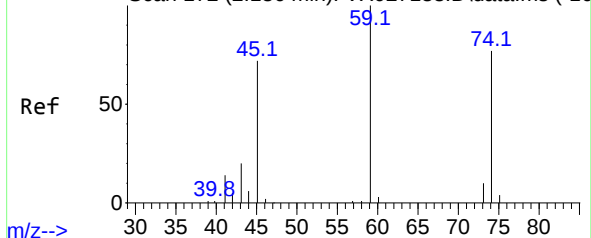
APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



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



#8

Diethyl Ether

Concen: 50.824 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX027207.D

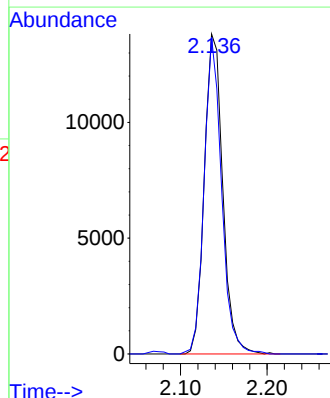
Acq: 25 Feb 2022 22:44

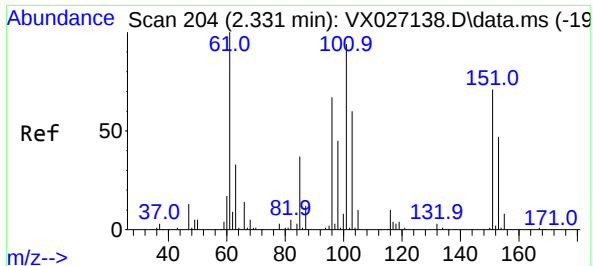
Tgt Ion: 74 Resp: 20353

Ion Ratio Lower Upper

74 100

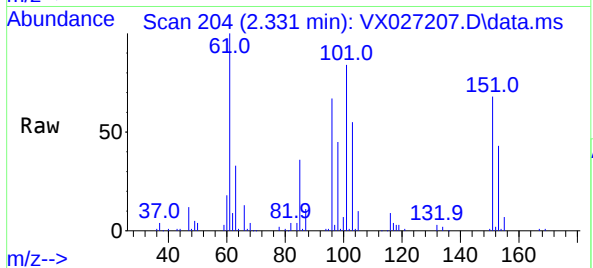
45 94.0 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.771 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

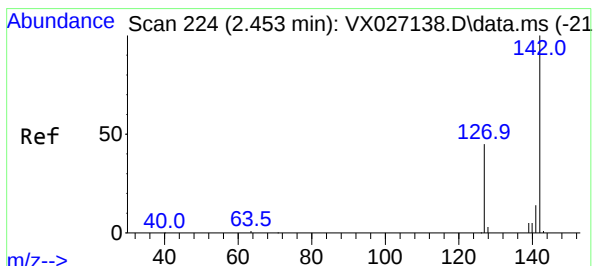
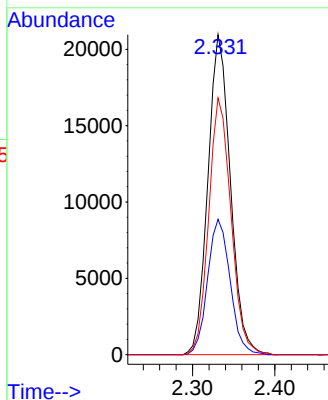
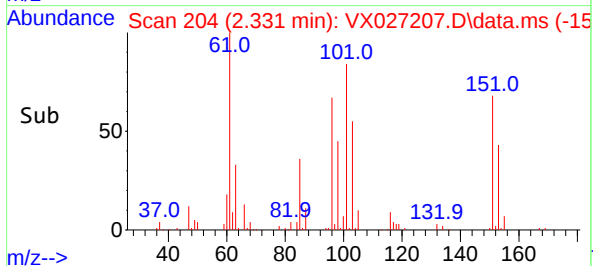
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



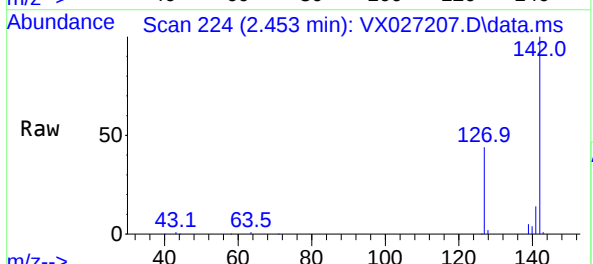
Tgt Ion:101 Resp: 39892
Ion Ratio Lower Upper
101 100
85 42.3 35.3 52.9
151 79.5 61.4 92.2

Manual Integrations
APPROVED

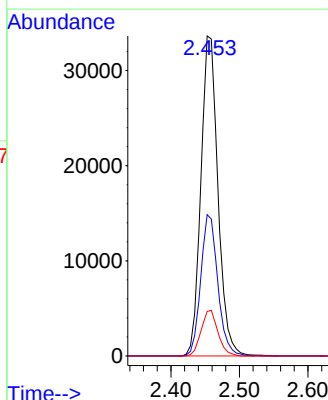
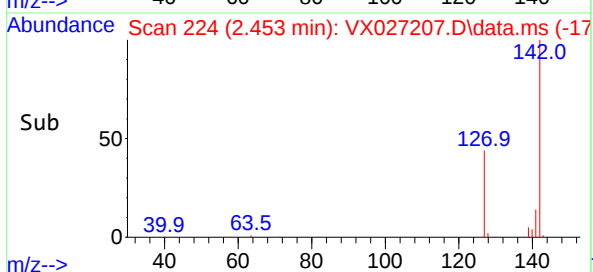
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

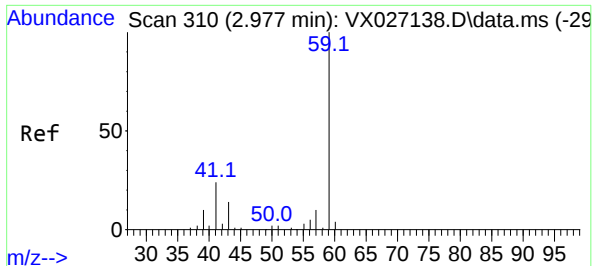


#10
Methyl Iodide
Concen: 54.253 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



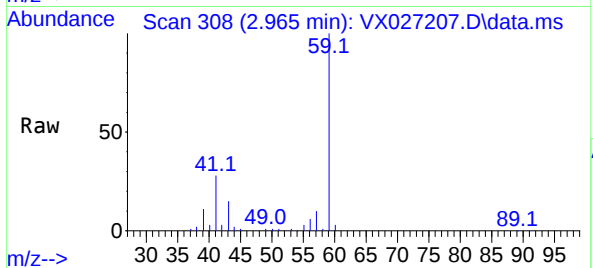
Tgt Ion:142 Resp: 58390
Ion Ratio Lower Upper
142 100
127 44.1 38.1 57.1
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 254.172 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

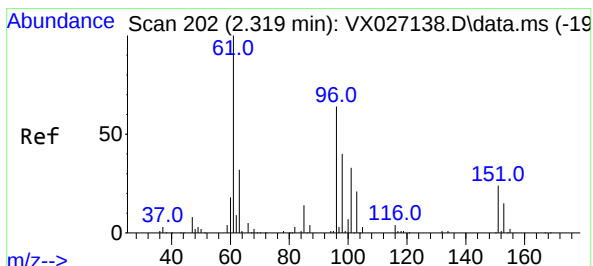
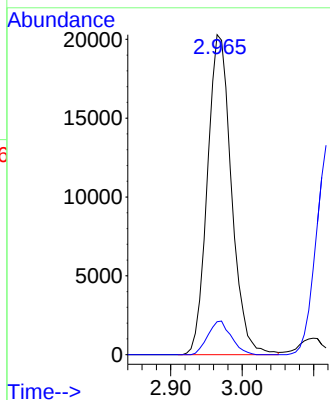
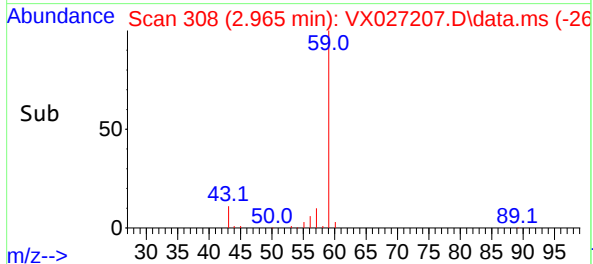
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



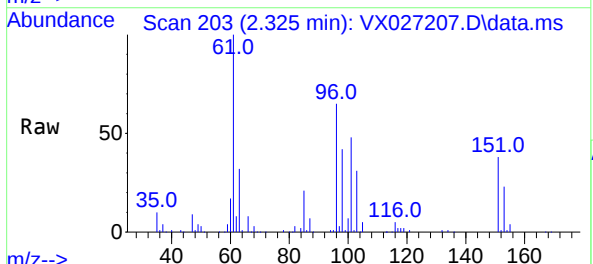
Tgt Ion: 59 Resp: 4747
Ion Ratio Lower Upper
59 100
57 10.2 7.2 10.8

Manual Integrations
APPROVED

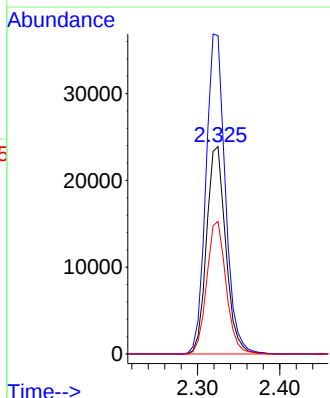
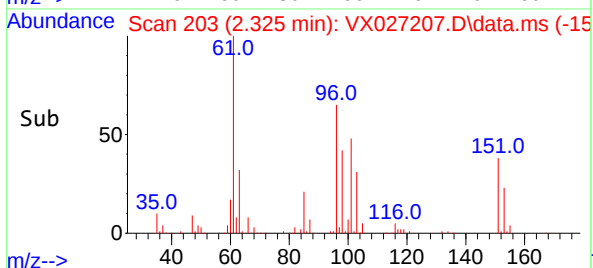
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

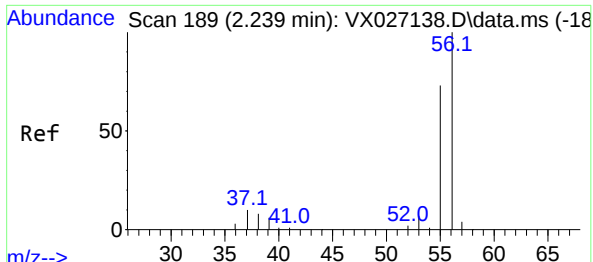


#12
1,1-Dichloroethene
Concen: 49.758 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



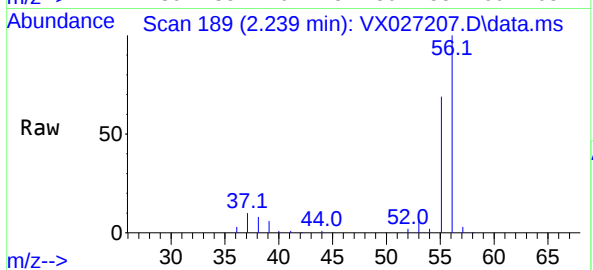
Tgt Ion: 96 Resp: 38717
Ion Ratio Lower Upper
96 100
61 153.4 138.5 207.7
98 63.9 51.8 77.6





#13
Acrolein
Concen: 258.004 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

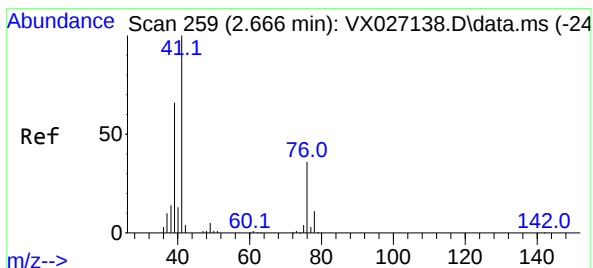
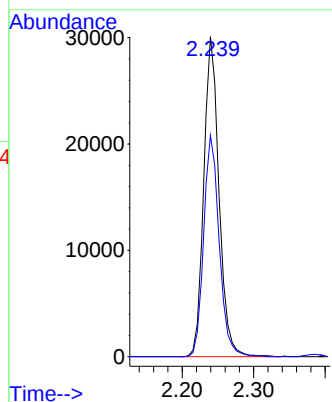
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 44539
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3

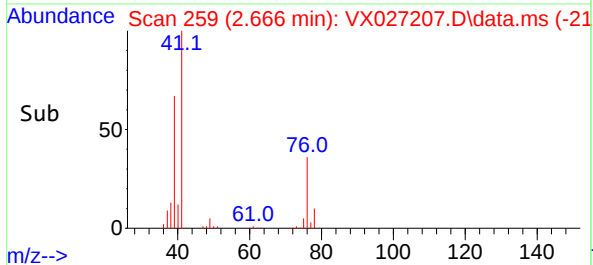
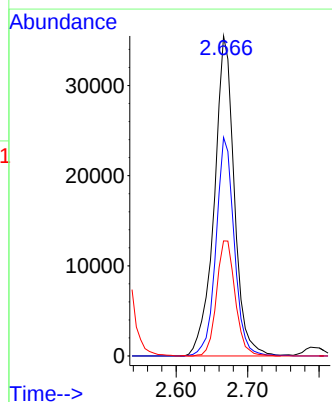
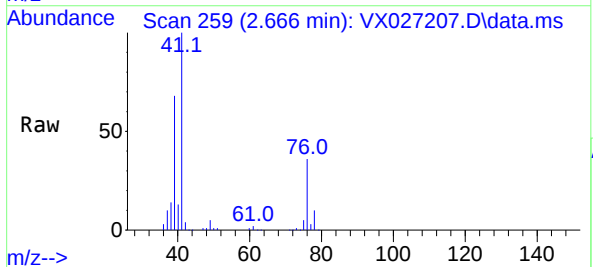
Manual Integrations
APPROVED

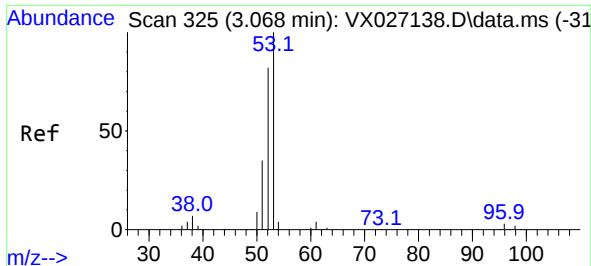
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#14
Allyl chloride
Concen: 50.454 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

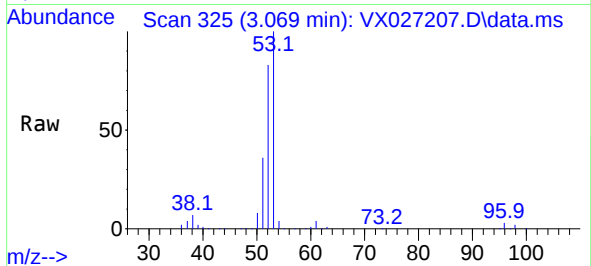
Tgt Ion: 41 Resp: 69122
Ion Ratio Lower Upper
41 100
39 62.3 54.2 81.4
76 33.5 25.2 37.8





#15
Acrylonitrile
Concen: 265.761 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

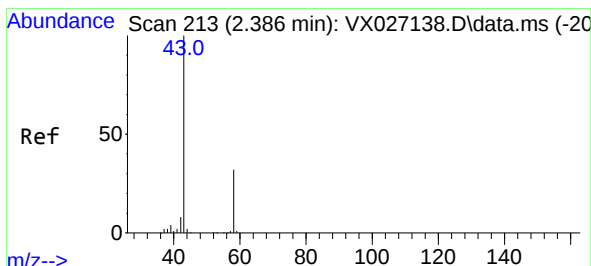
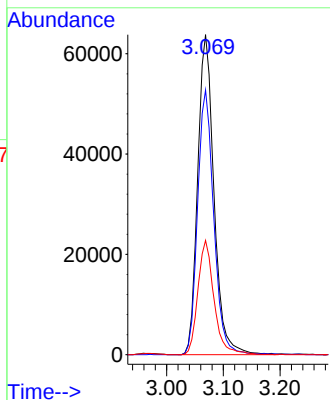
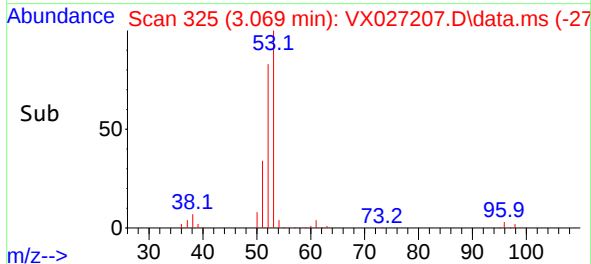
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 127360
Ion Ratio Lower Upper
53 100
52 82.0 66.6 100.0
51 35.5 29.5 44.3

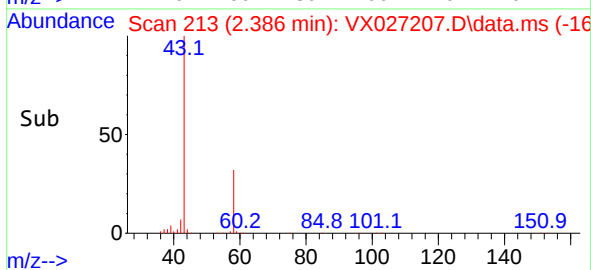
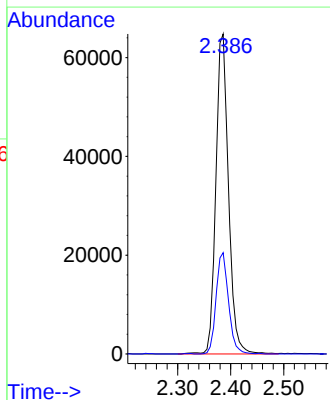
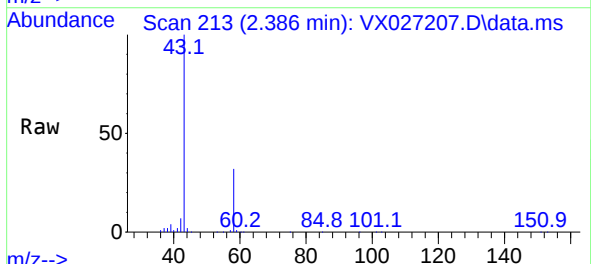
Manual Integrations
APPROVED

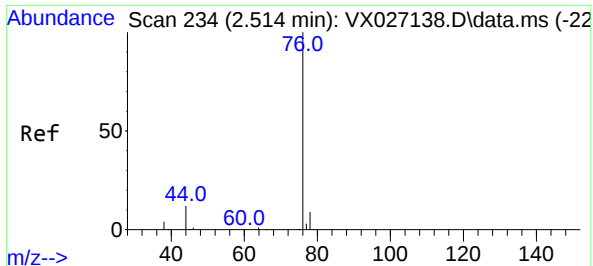
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#16
Acetone
Concen: 254.321 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

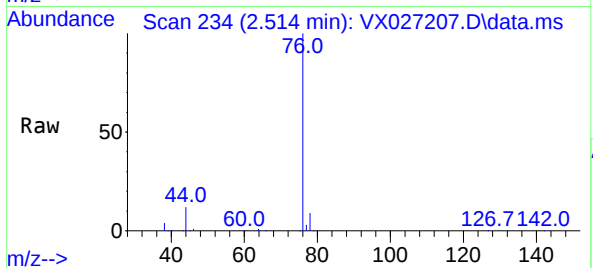
Tgt Ion: 43 Resp: 107186
Ion Ratio Lower Upper
43 100
58 31.6 23.0 34.6





#17
Carbon Disulfide
Concen: 48.099 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

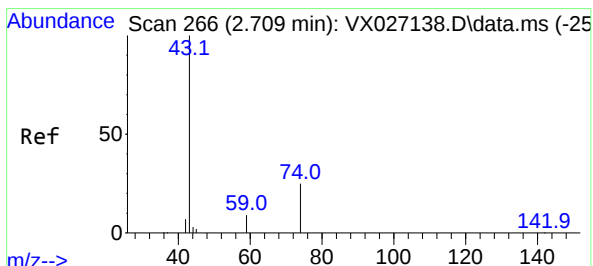
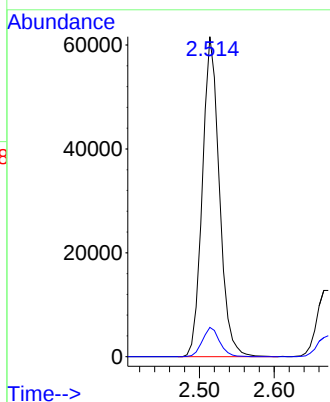
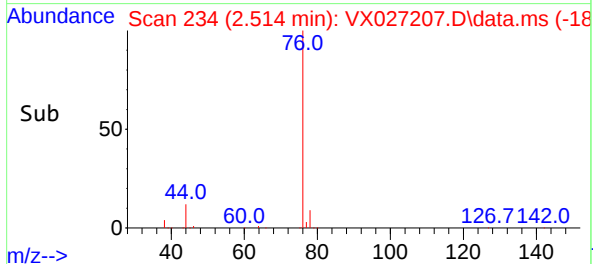
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



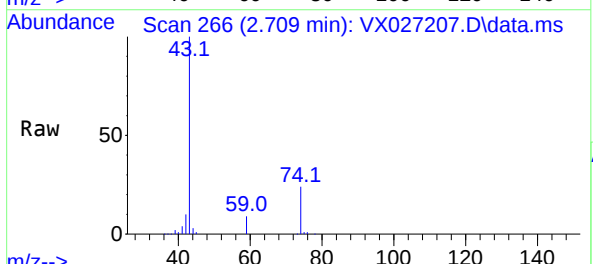
Tgt Ion: 76 Resp: 9731
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

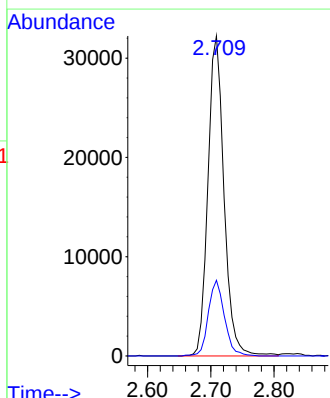
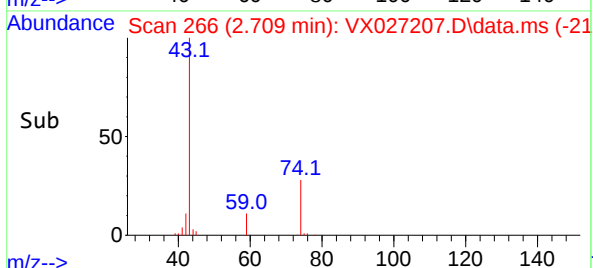
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

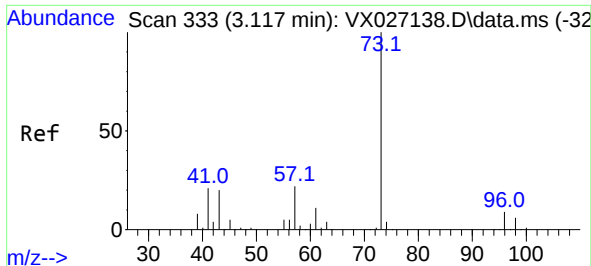


#18
Methyl Acetate
Concen: 52.371 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 43 Resp: 56971
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5





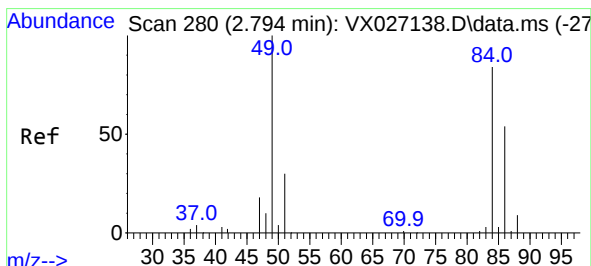
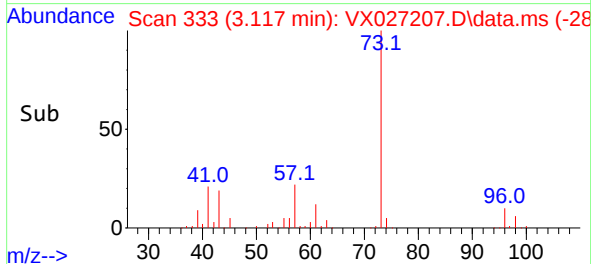
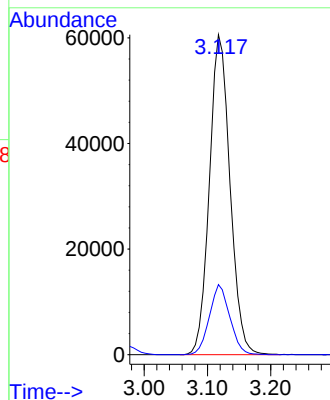
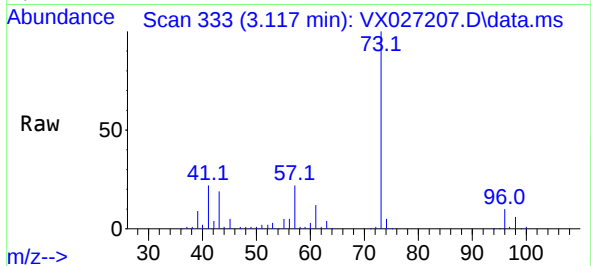
#19
Methyl tert-butyl Ether
Concen: 51.400 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 13723
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2

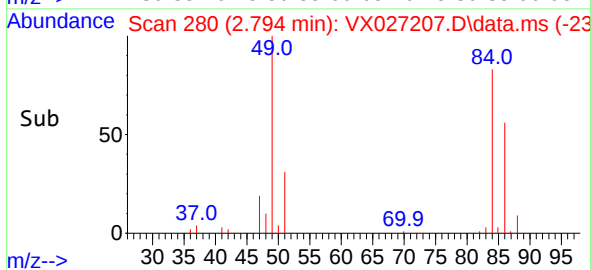
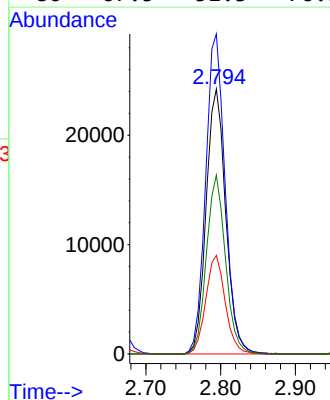
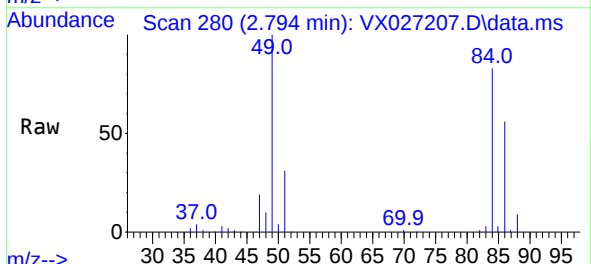
Manual Integrations
APPROVED

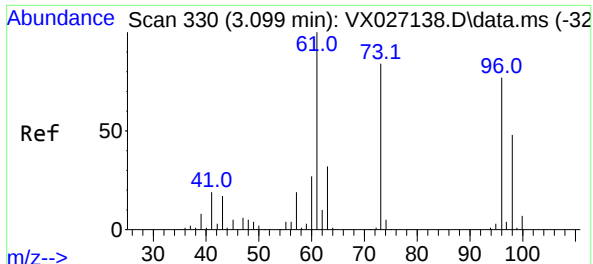
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#20
Methylene Chloride
Concen: 50.606 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion: 84 Resp: 44207
Ion Ratio Lower Upper
84 100
49 120.8 101.5 152.3
51 37.2 31.2 46.8
86 67.5 51.3 76.9





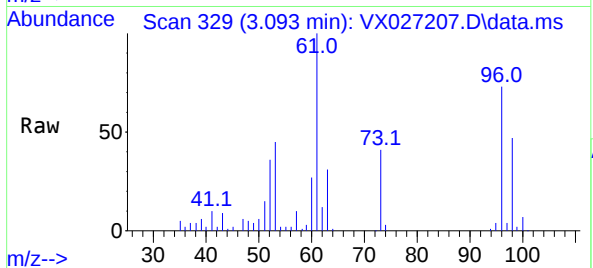
#21
trans-1,2-Dichloroethene
Concen: 50.959 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

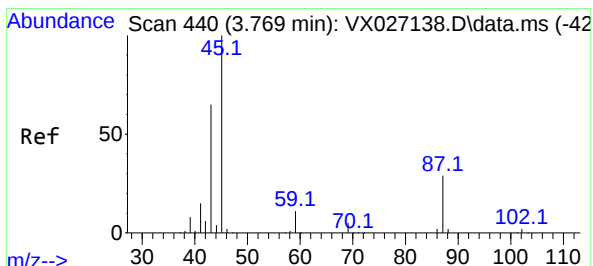
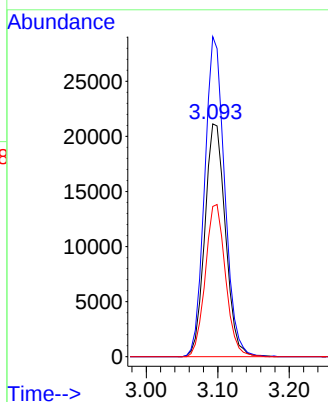
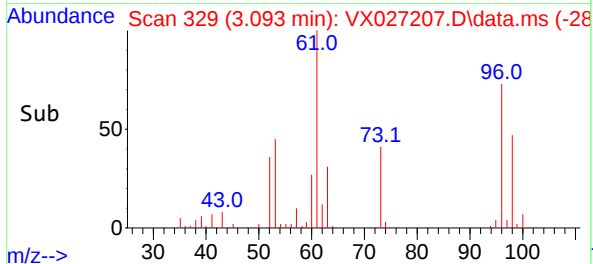


Tgt Ion: 96 Resp: 42280
Ion Ratio Lower Upper
96 100
61 137.5 112.9 169.3
98 64.6 49.5 74.3

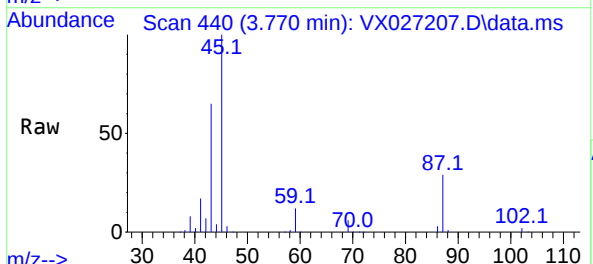
Manual Integrations

APPROVED

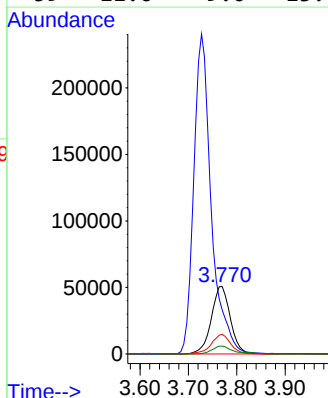
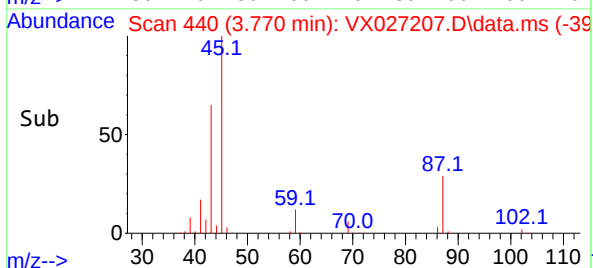
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

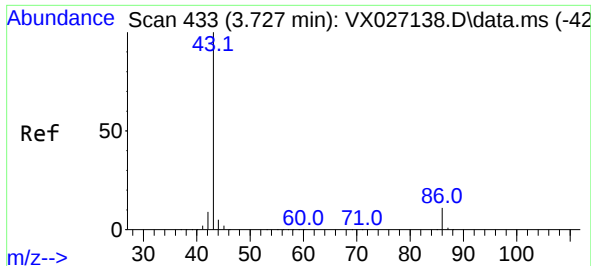


#22
Diisopropyl ether
Concen: 51.874 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



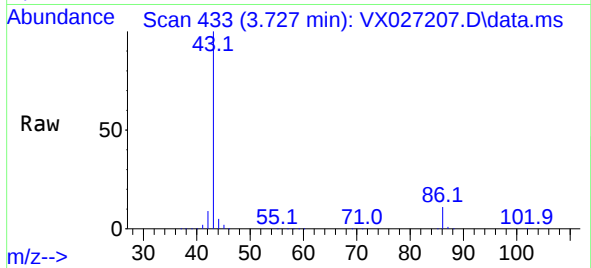
Tgt Ion: 45 Resp: 138543
Ion Ratio Lower Upper
45 100
43 64.7 60.6 91.0
87 29.2 22.0 33.0
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 267.556 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027207.D
 Acq: 25 Feb 2022 22:44

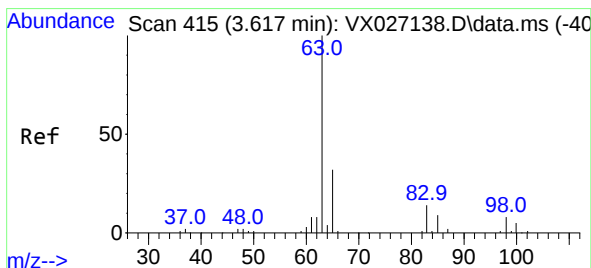
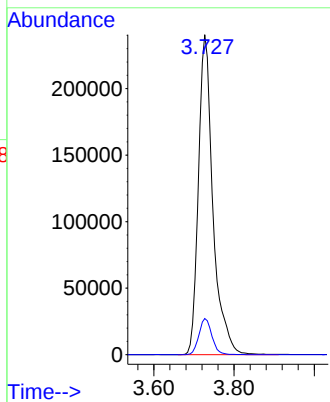
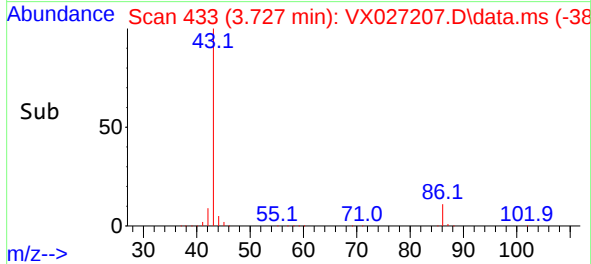
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



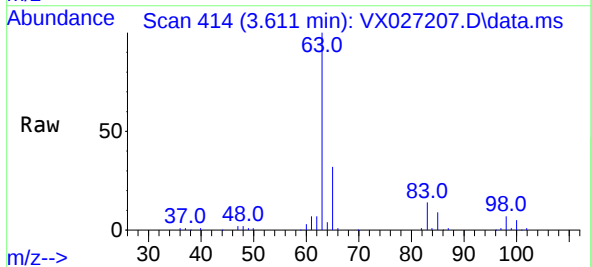
Tgt Ion: 43 Resp: 603424
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.1 12.1

Manual Integrations
 APPROVED

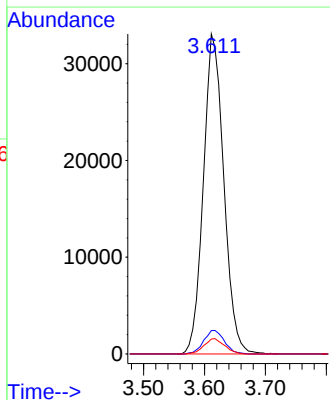
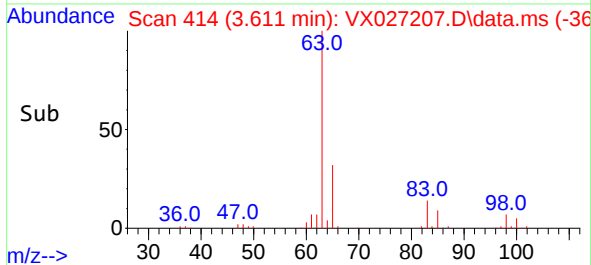
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

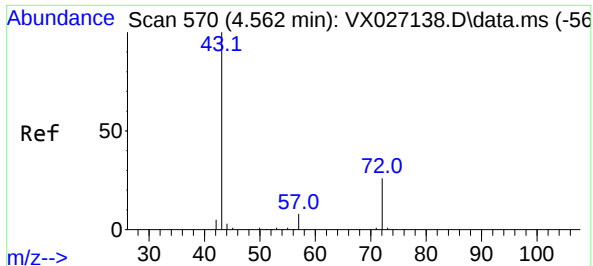


#24
 1,1-Dichloroethane
 Concen: 51.086 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX027207.D
 Acq: 25 Feb 2022 22:44



Tgt Ion: 63 Resp: 77130
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 262.508 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17619

Ion Ratio Lower Upper

43 100

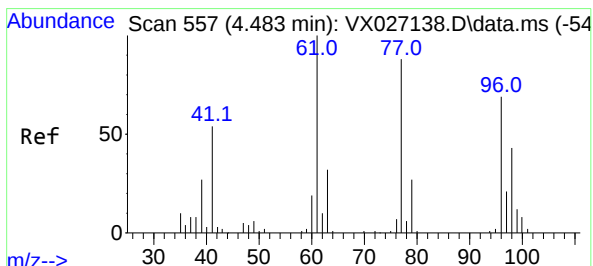
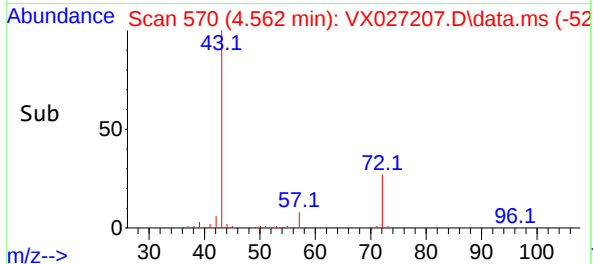
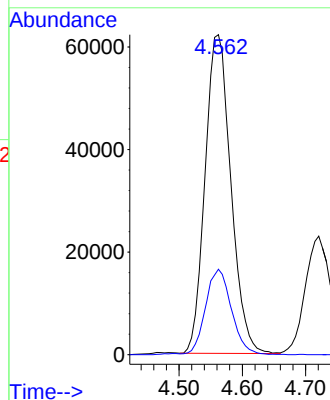
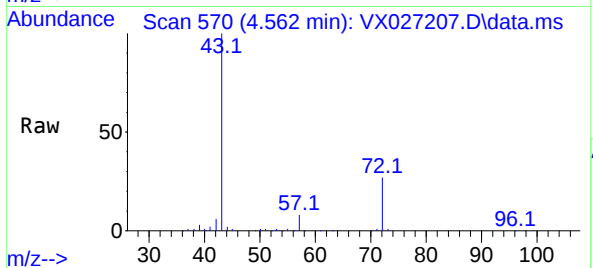
72 26.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#26

2,2-Dichloropropane

Concen: 48.139 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX027207.D

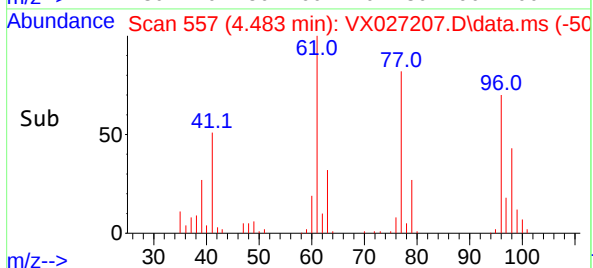
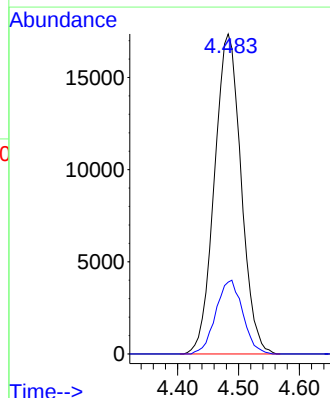
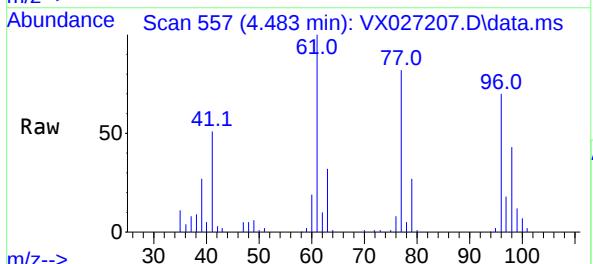
Acq: 25 Feb 2022 22:44

Tgt Ion: 77 Resp: 52726

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0





#27
cis-1,2-Dichloroethene
Concen: 51.834 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

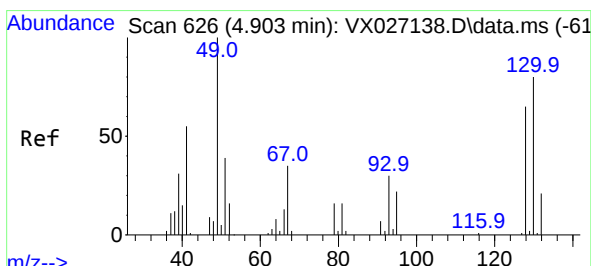
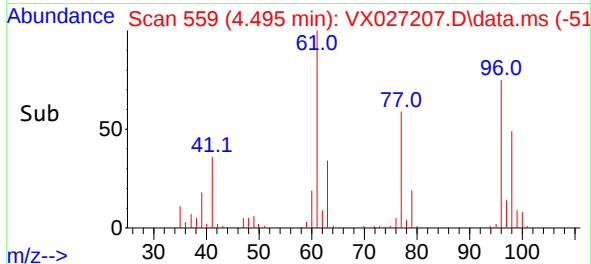
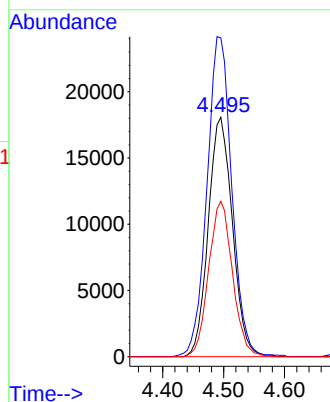
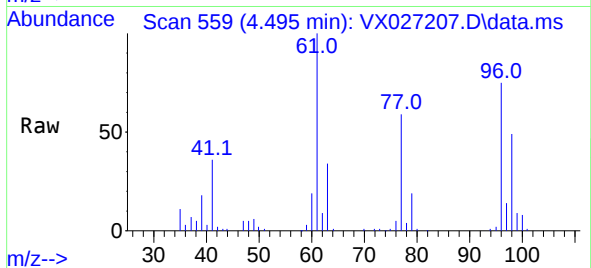
VSTDCCC050

Tgt Ion: 96 Resp: 4988
Ion Ratio Lower Upper
96 100
61 137.1 0.0 296.6
98 64.1 0.0 128.8

Manual Integrations

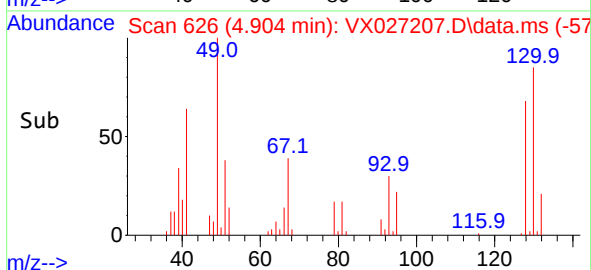
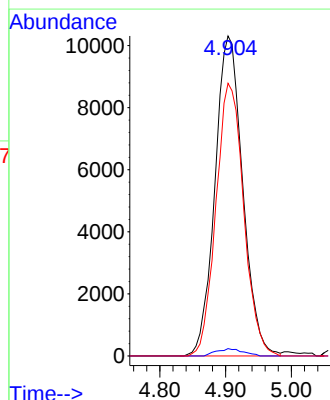
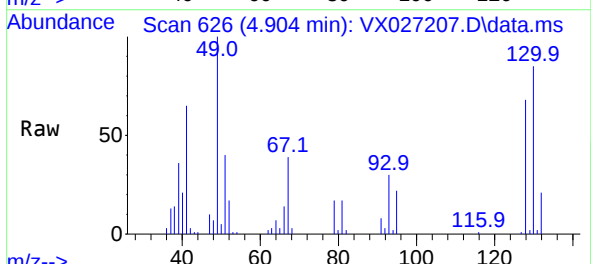
APPROVED

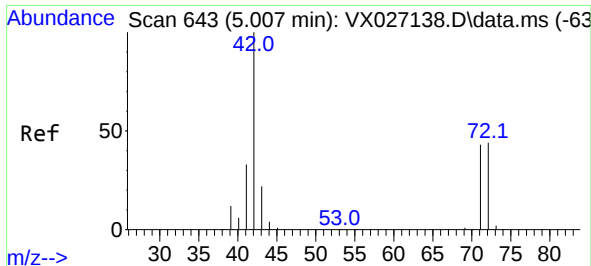
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#28
Bromochloromethane
Concen: 49.548 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

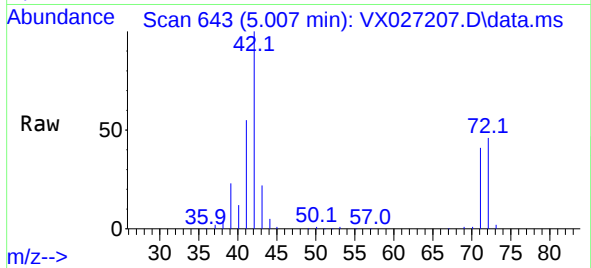
Tgt Ion: 49 Resp: 30264
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 85.1 62.4 93.6





#29
Tetrahydrofuran
Concen: 257.155 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

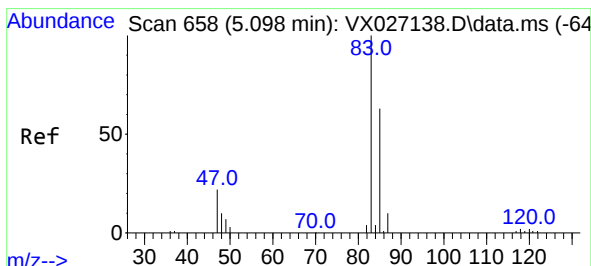
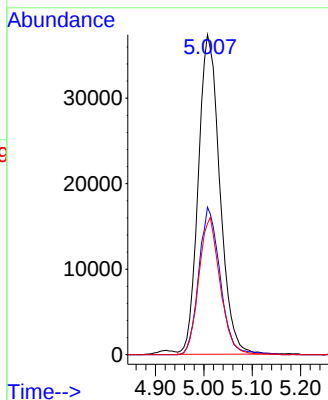
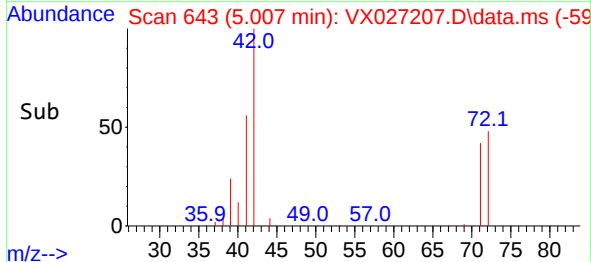
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



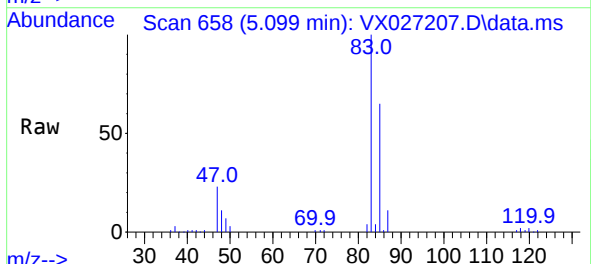
Tgt Ion: 42 Resp: 115519
Ion Ratio Lower Upper
42 100
72 45.7 34.6 52.0
71 42.5 31.8 47.8

Manual Integrations
APPROVED

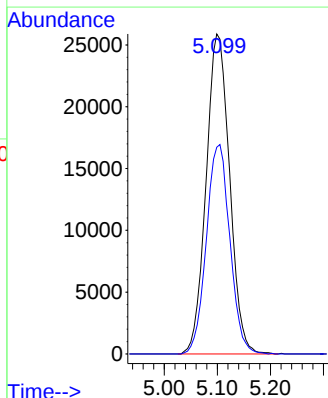
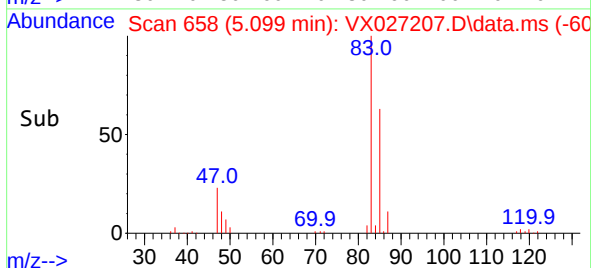
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

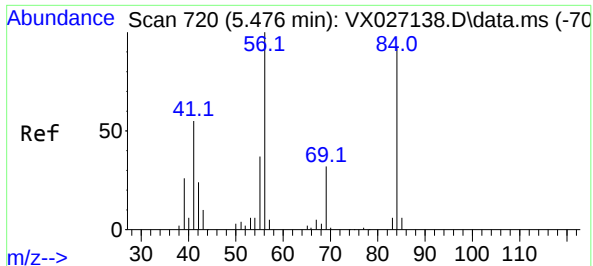


#30
Chloroform
Concen: 50.822 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



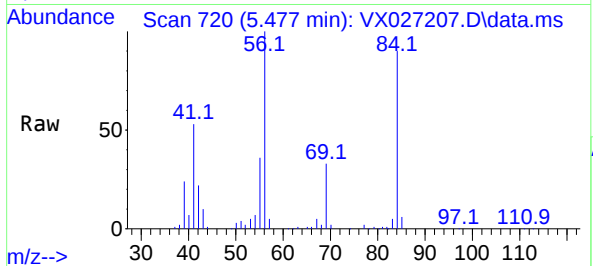
Tgt Ion: 83 Resp: 79697
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4





#31
Cyclohexane
Concen: 49.275 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

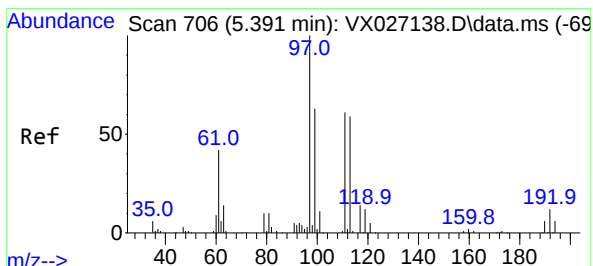
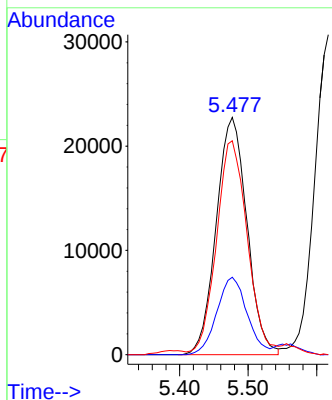
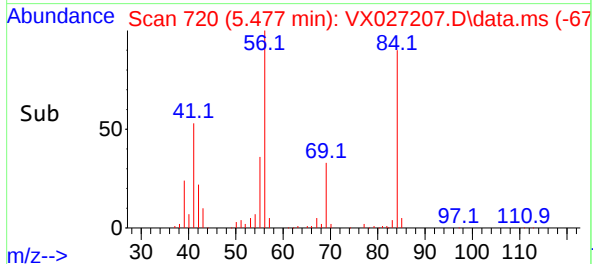
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



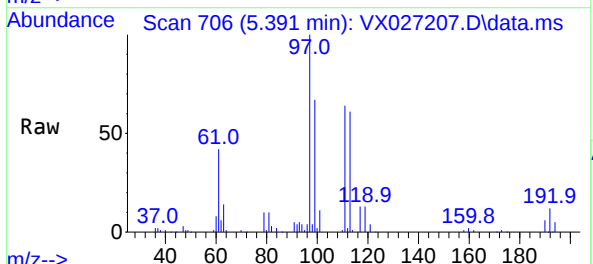
Tgt Ion: 56 Resp: 70839
Ion Ratio Lower Upper
56 100
69 32.7 25.8 38.6
84 88.4 68.9 103.3

Manual Integrations
APPROVED

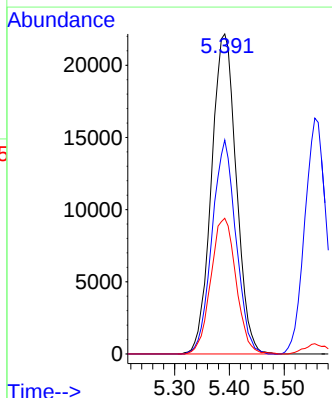
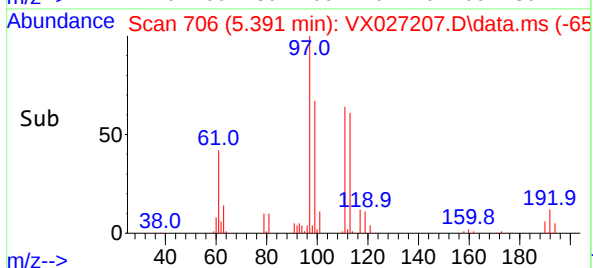
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

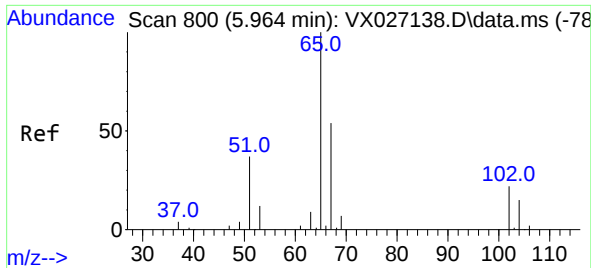


#32
1,1,1-Trichloroethane
Concen: 51.363 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 97 Resp: 69726
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 43.1 35.0 52.6





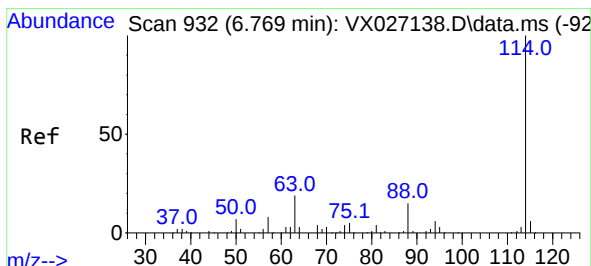
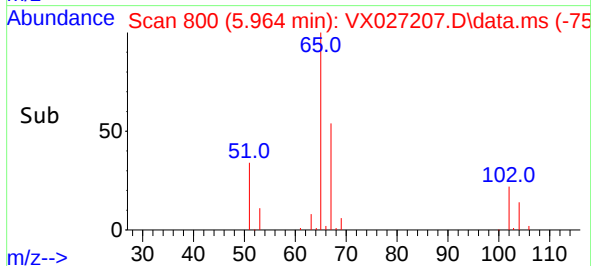
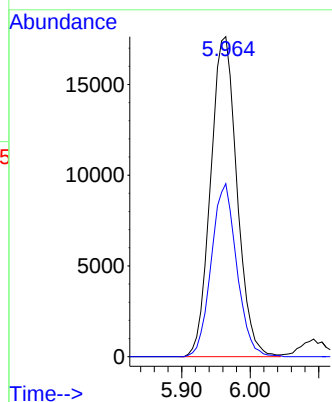
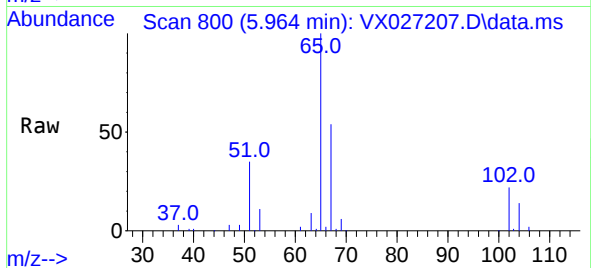
#33
1,2-Dichloroethane-d4
Concen: 49.049 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 47083
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

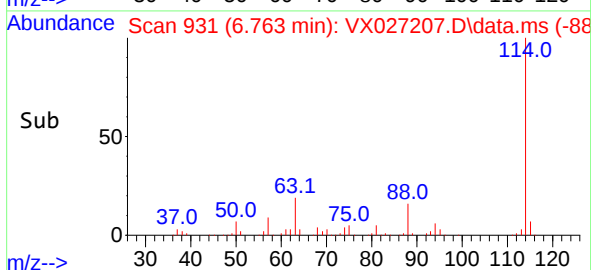
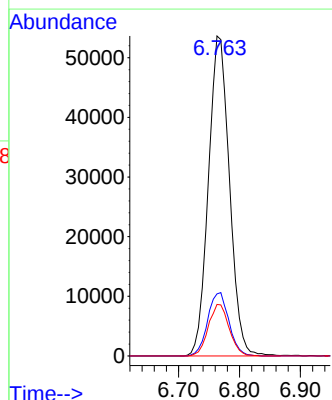
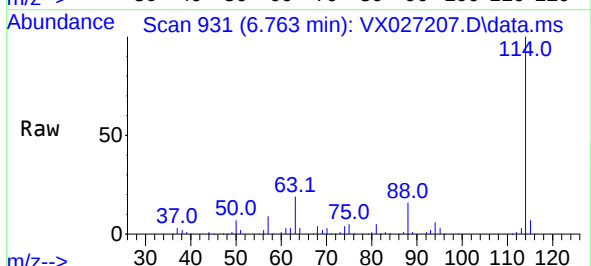
Manual Integrations
APPROVED

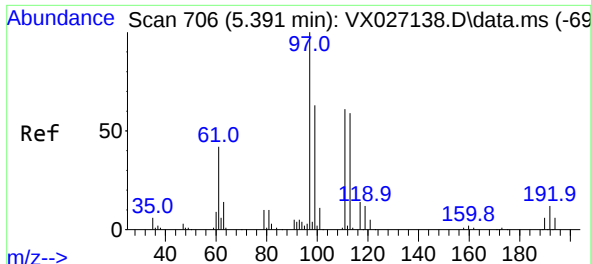
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

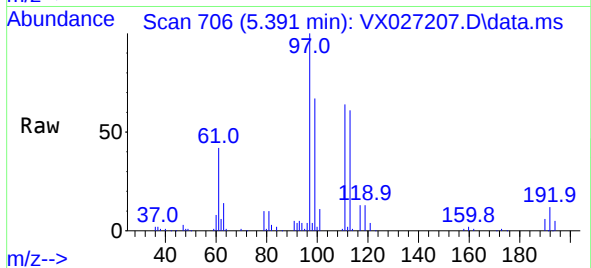
Tgt Ion:114 Resp: 129003
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.8
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.245 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

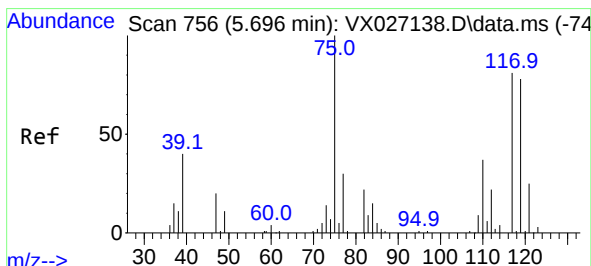
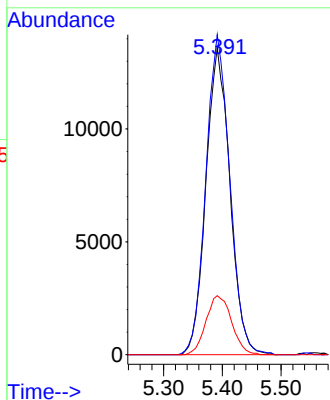
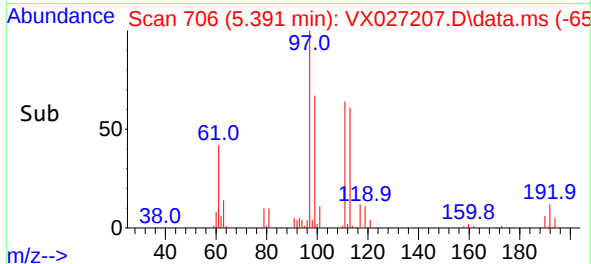
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



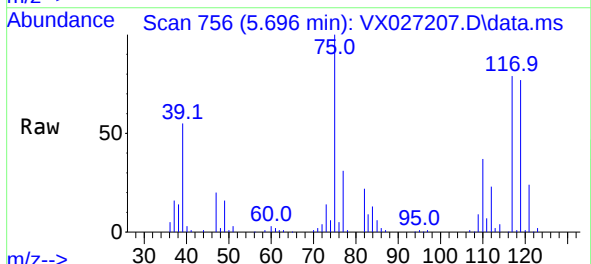
Tgt Ion:113 Resp: 3863
Ion Ratio Lower Upper
113 100
111 103.9 81.2 121.8
192 20.5 15.0 22.4

Manual Integrations
APPROVED

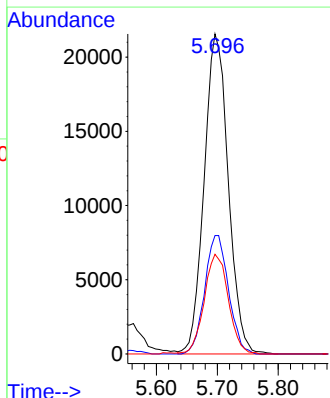
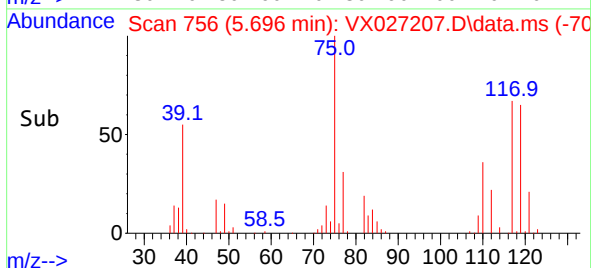
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

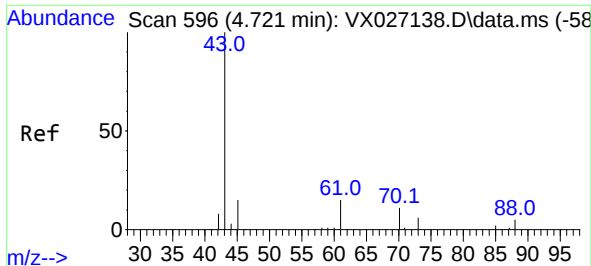


#36
1,1-Dichloropropene
Concen: 50.812 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 75 Resp: 59381
Ion Ratio Lower Upper
75 100
110 36.5 17.2 51.6
77 31.1 24.6 36.8





#37
Ethyl Acetate
Concen: 51.894 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

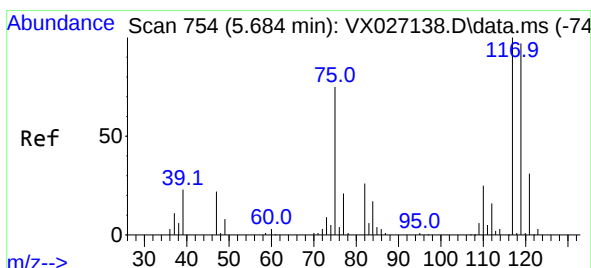
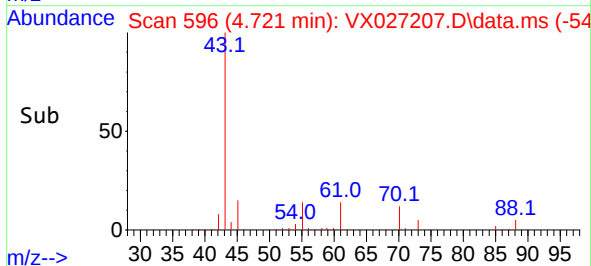
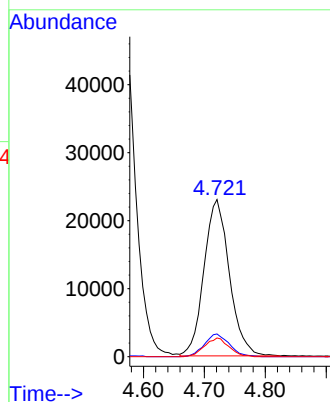
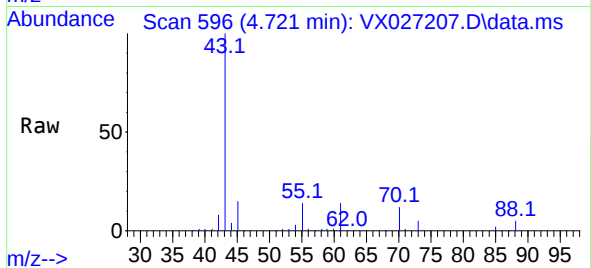
VSTDCCC050

Tgt Ion: 43 Resp: 6658
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.4 8.5 12.7

Manual Integrations

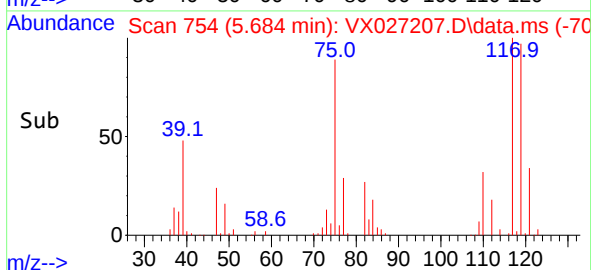
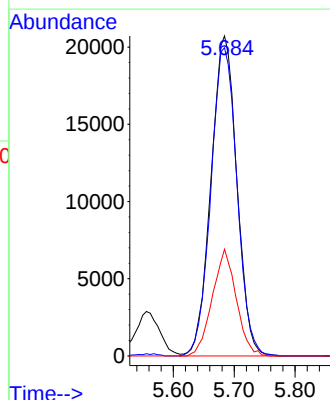
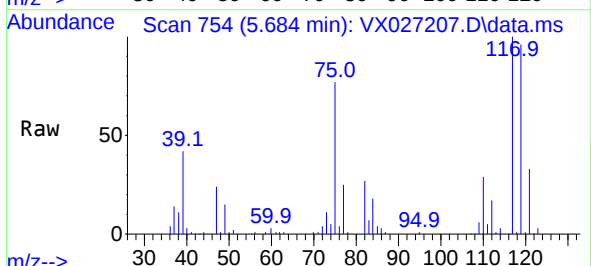
APPROVED

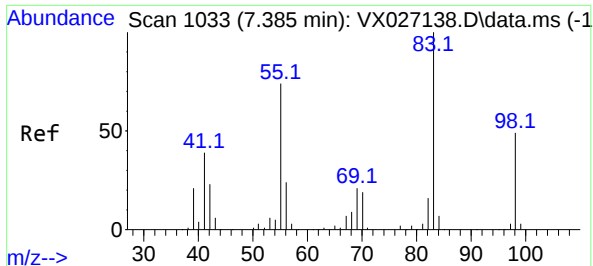
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#38
Carbon Tetrachloride
Concen: 50.086 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion:117 Resp: 61047
Ion Ratio Lower Upper
117 100
119 96.3 74.7 112.1
121 33.4 25.4 38.0





#39

Methylcyclohexane

Concen: 49.691 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 7223

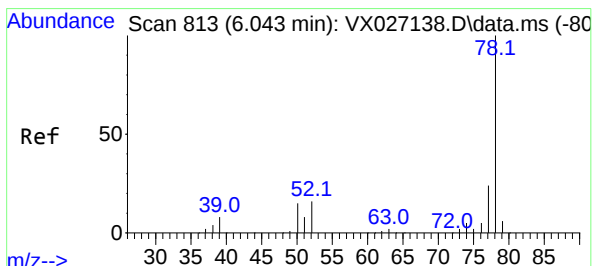
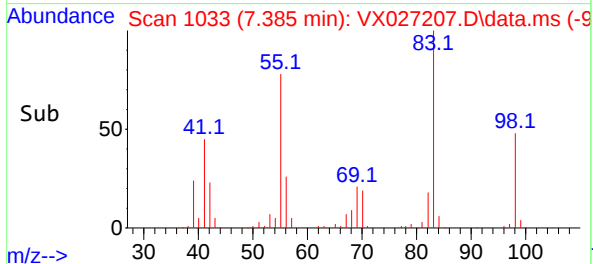
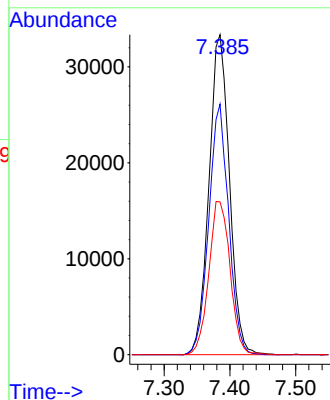
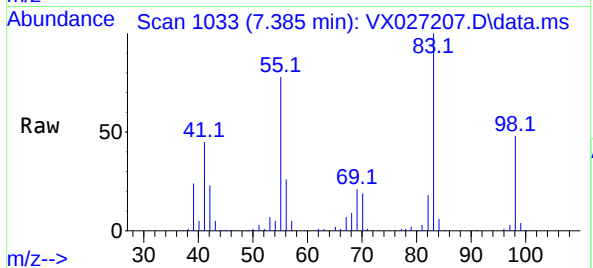
Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.6	95.4
98	47.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#40

Benzene

Concen: 51.185 ug/l

RT: 6.044 min Scan# 813

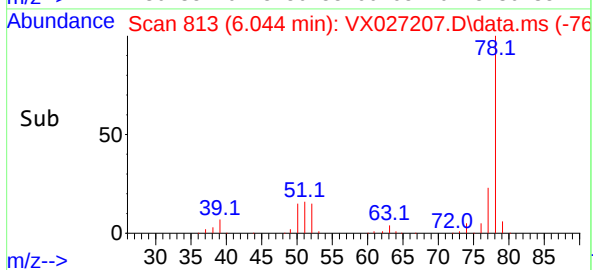
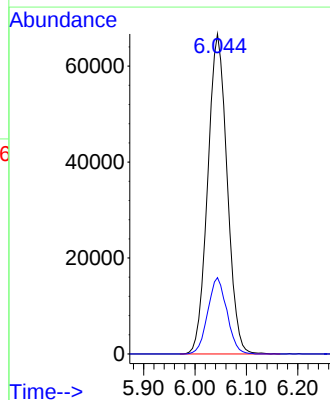
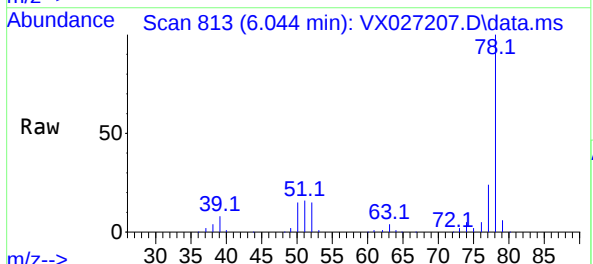
Delta R.T. 0.001 min

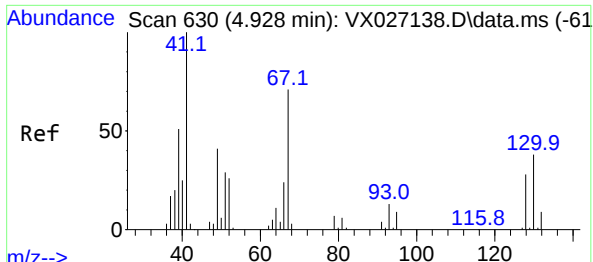
Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Tgt Ion: 78 Resp: 174924

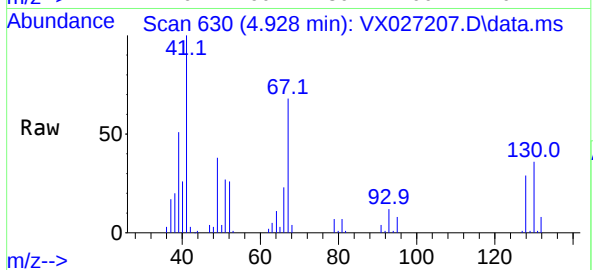
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





#41
Methacrylonitrile
Concen: 53.111 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

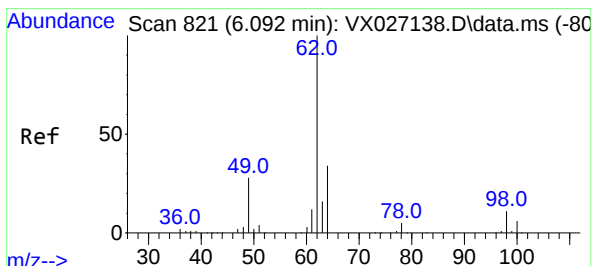
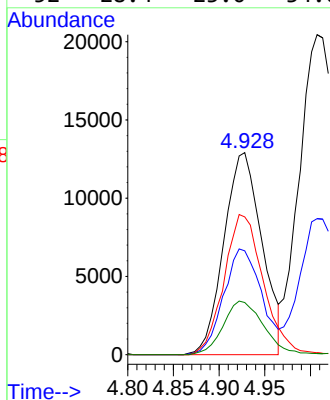
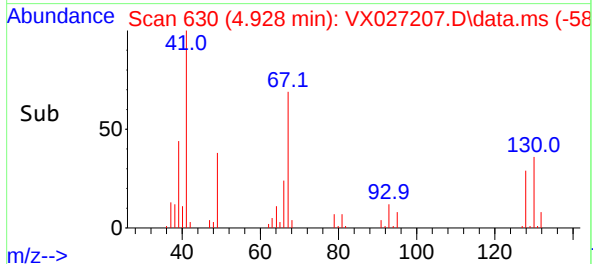
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



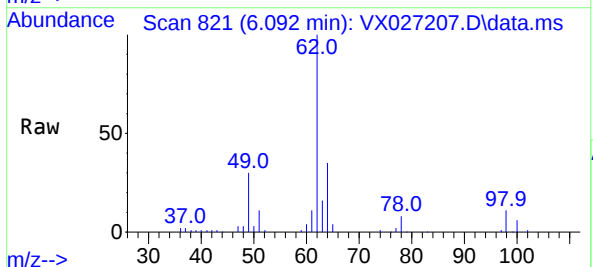
Tgt Ion: 41 Resp: 3738
Ion Ratio Lower Upper
41 100
39 52.5 45.4 68.0
67 71.7 53.2 79.8
52 28.4 23.0 34.6

Manual Integrations
APPROVED

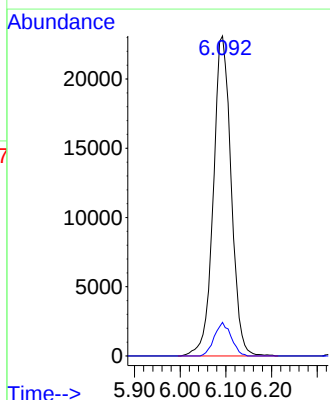
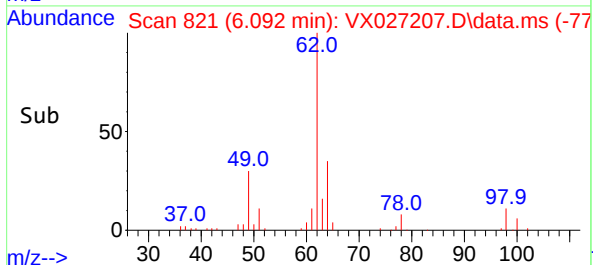
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

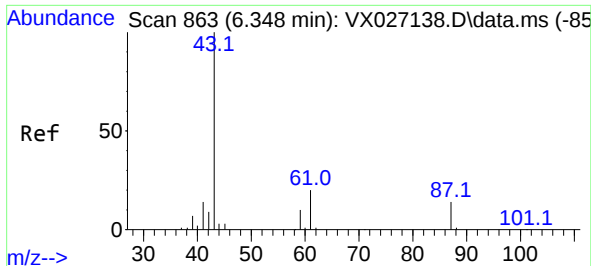


#42
1,2-Dichloroethane
Concen: 51.654 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



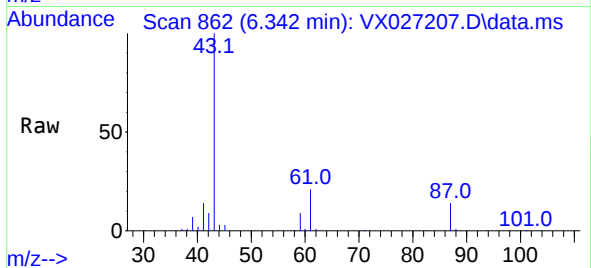
Tgt Ion: 62 Resp: 62624
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 53.451 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

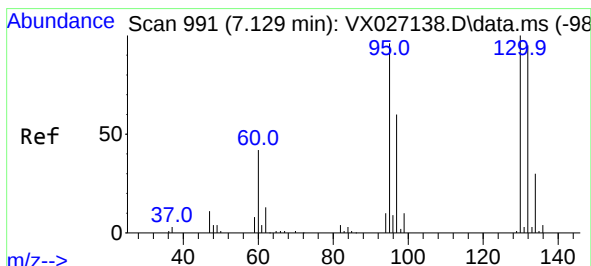
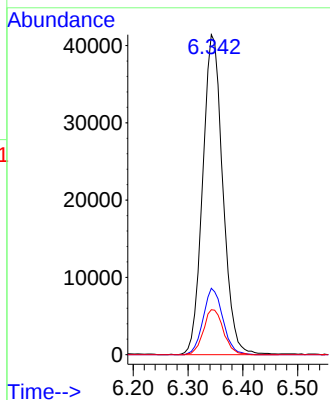
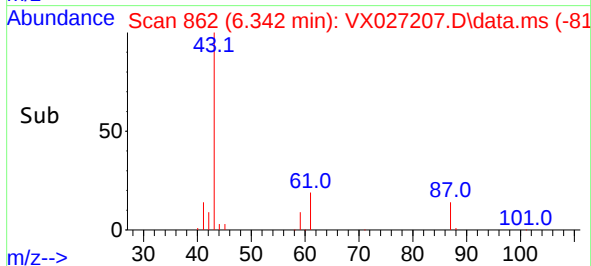
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



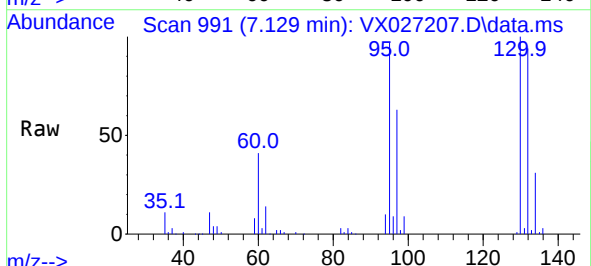
Tgt Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.0 10.2 15.2

Manual Integrations
APPROVED

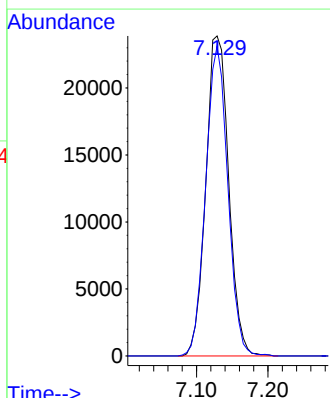
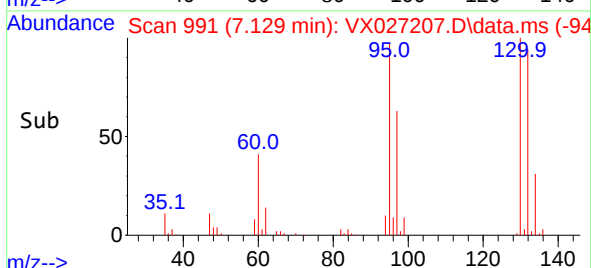
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

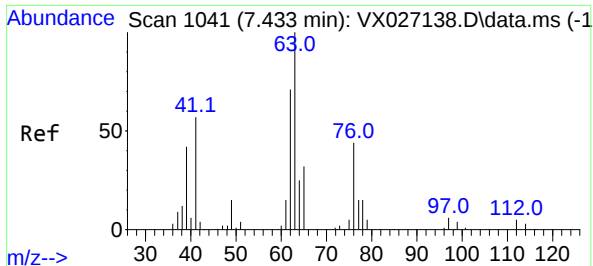


#44
Trichloroethene
Concen: 52.049 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion:130 Resp: 53210
Ion Ratio Lower Upper
130 100
95 96.8 0.0 202.6





#45

1,2-Dichloropropane

Concen: 53.515 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 44680

Ion Ratio Lower Upper

63 100

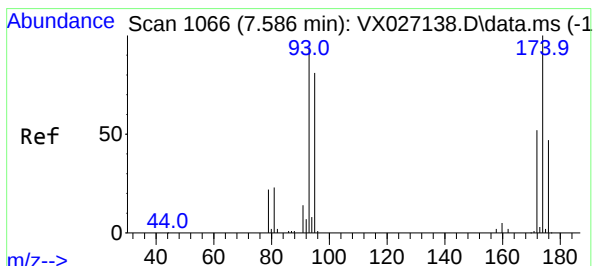
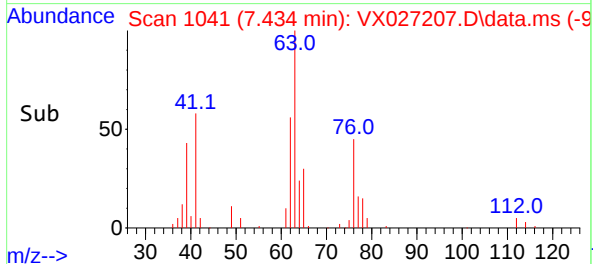
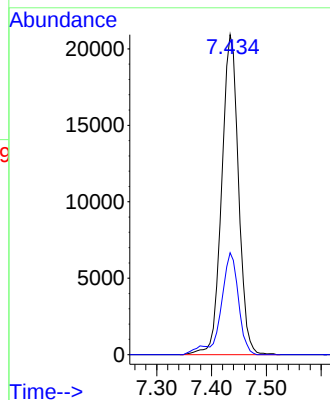
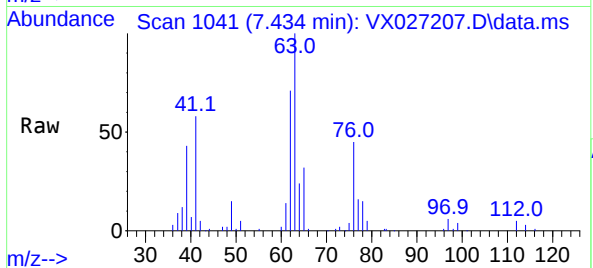
65 31.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#46

Dibromomethane

Concen: 52.363 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

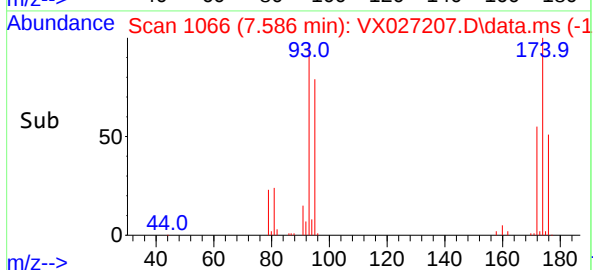
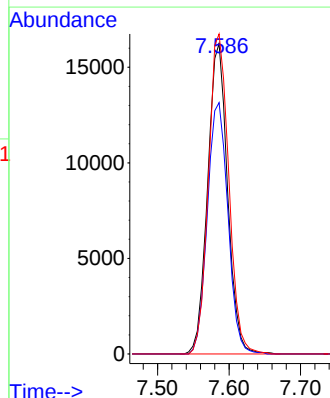
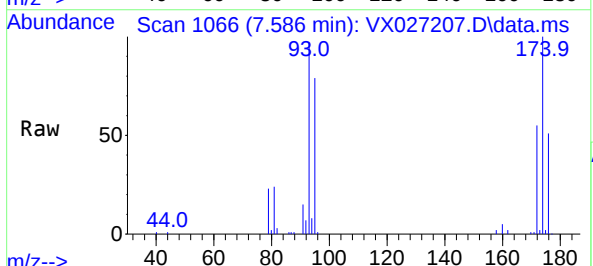
Tgt Ion: 93 Resp: 31405

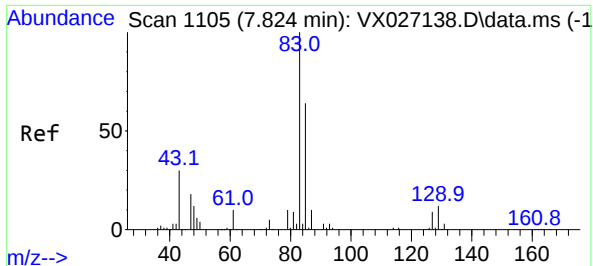
Ion Ratio Lower Upper

93 100

95 83.7 66.1 99.1

174 105.3 78.7 118.1





#47
Bromodichloromethane
Concen: 52.194 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

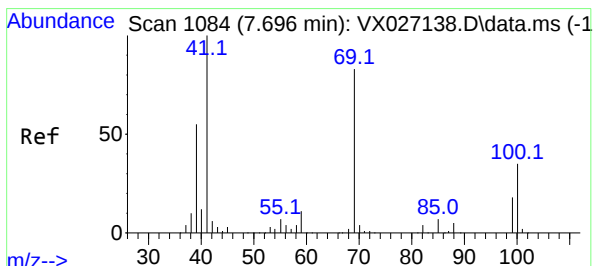
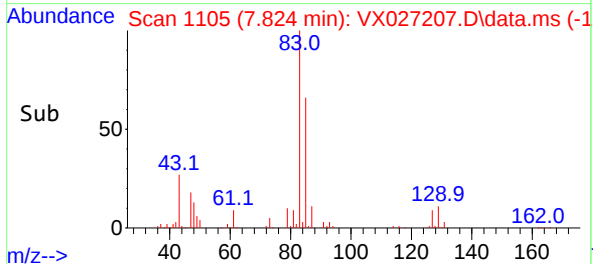
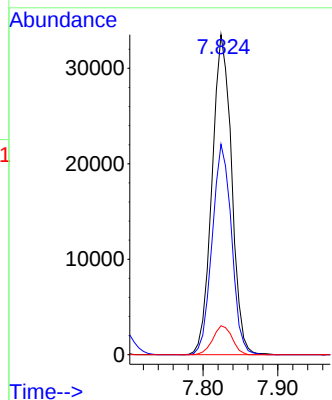
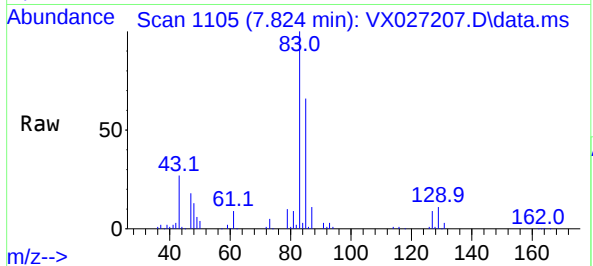
Tgt Ion: 83 Resp: 61099
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 9.0 6.9 10.3

Manual Integrations

APPROVED

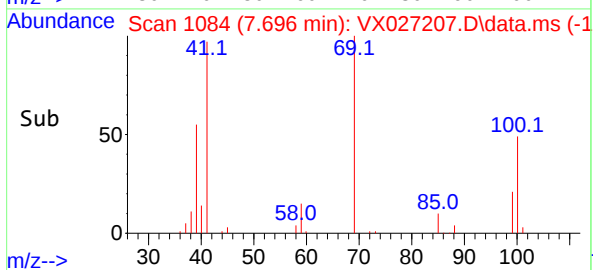
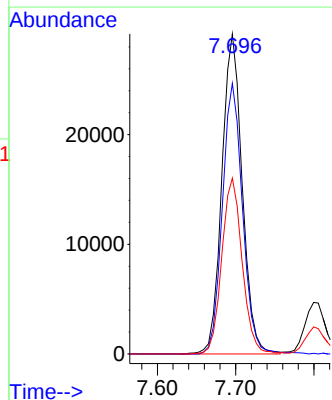
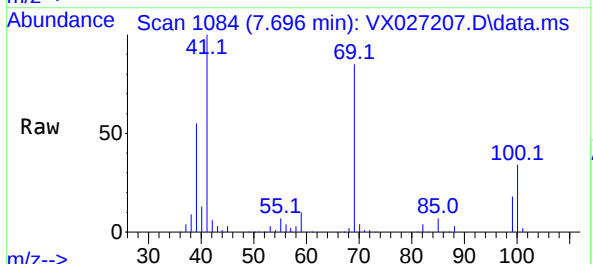
Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#48
Methyl methacrylate
Concen: 55.152 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion: 41 Resp: 52694
Ion Ratio Lower Upper
41 100
69 83.8 62.2 93.4
39 55.1 45.4 68.0





#49

1,4-Dioxane

Concen: 1025.037 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 22140

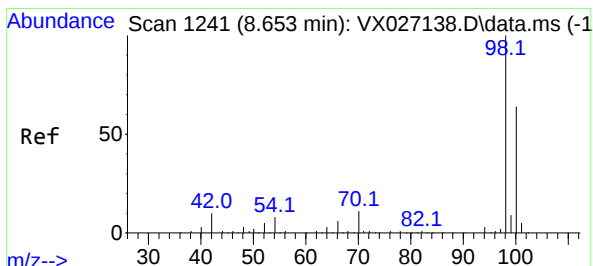
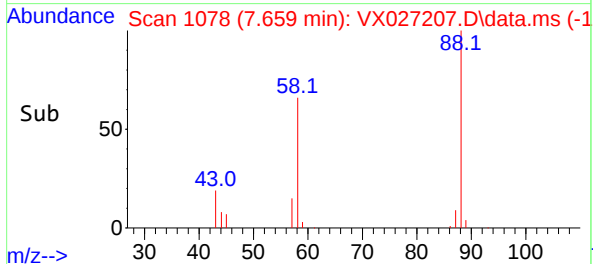
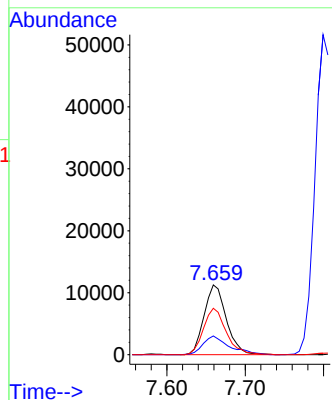
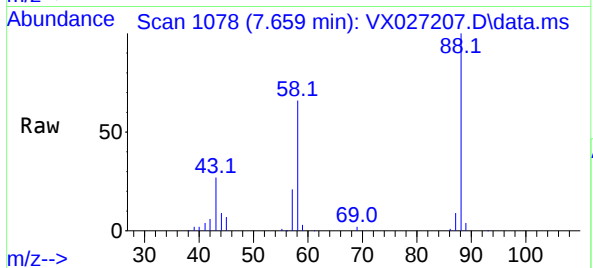
Ion	Ratio	Lower	Upper
88	100		
43	31.7	29.9	44.9
58	68.0	57.8	86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#50

Toluene-d8

Concen: 48.639 ug/l

RT: 8.653 min Scan# 1241

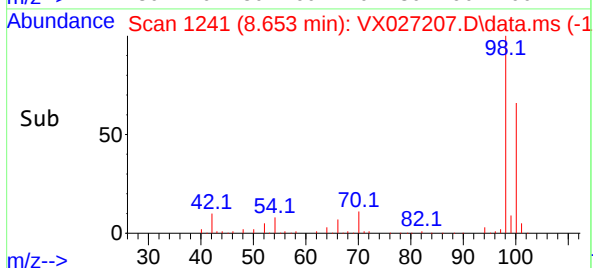
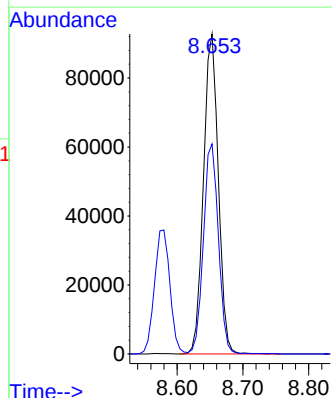
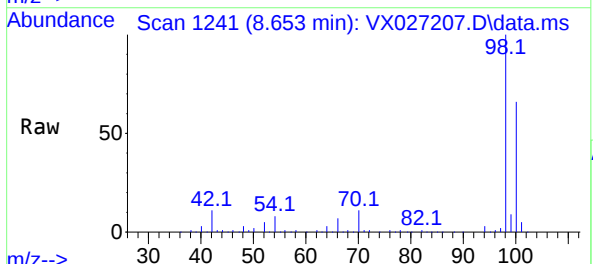
Delta R.T. -0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Tgt Ion: 98 Resp: 145629

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.2	79.8





#51
4-Methyl-2-Pentanone
Concen: 271.444 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

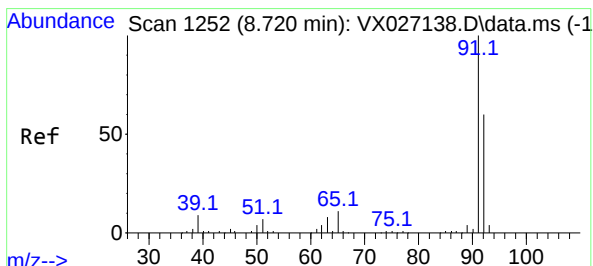
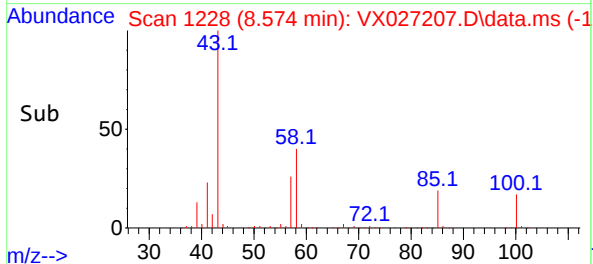
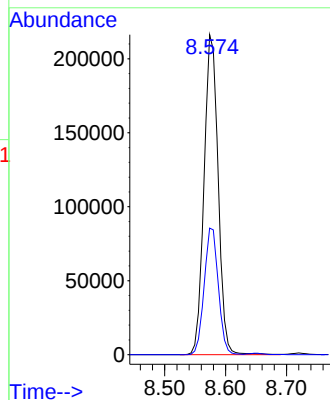
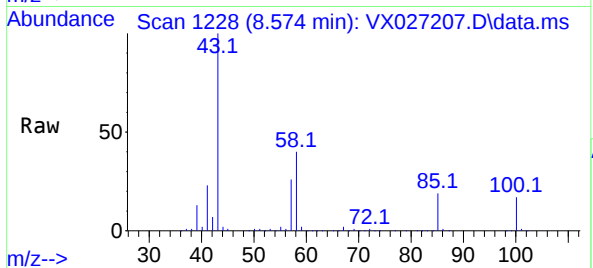
VSTDCCC050

Tgt Ion: 43 Resp: 348240
Ion Ratio Lower Upper
43 100
58 39.7 30.5 45.7

Manual Integrations

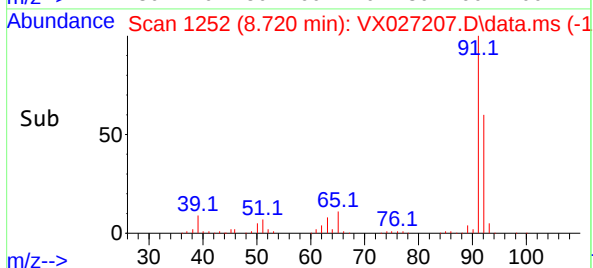
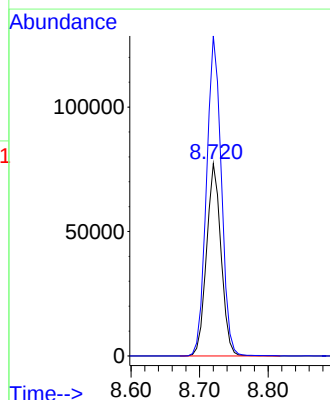
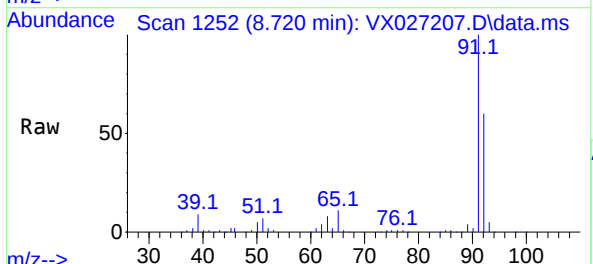
APPROVED

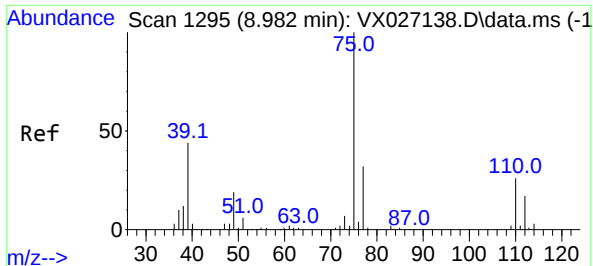
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#52
Toluene
Concen: 52.152 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion: 92 Resp: 114125
Ion Ratio Lower Upper
92 100
91 169.7 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 46.764 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 61674

Ion Ratio Lower Upper

75 100

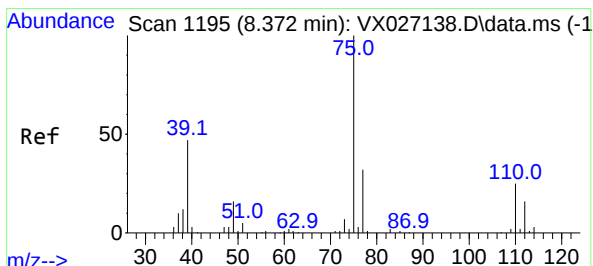
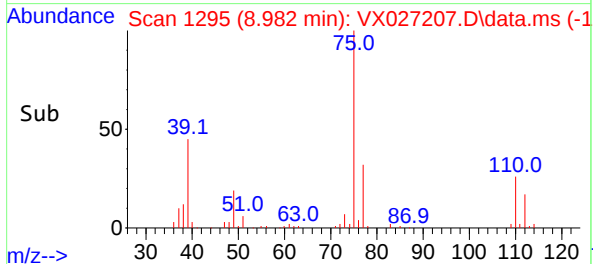
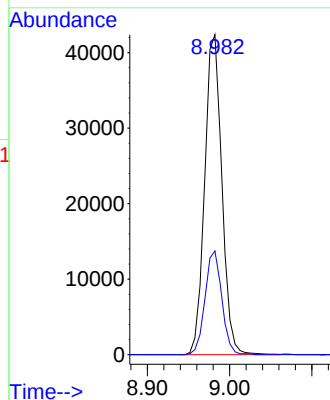
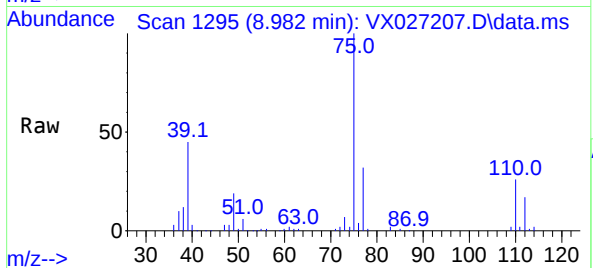
77 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#54

cis-1,3-Dichloropropene

Concen: 53.102 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

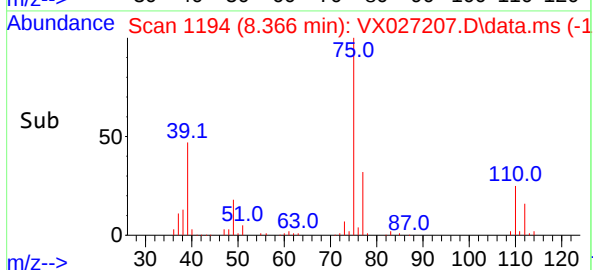
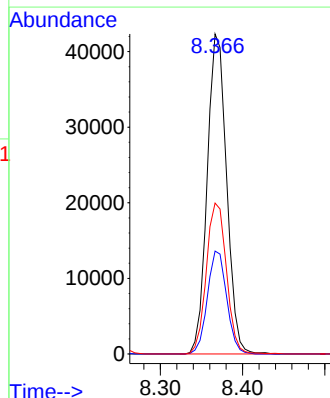
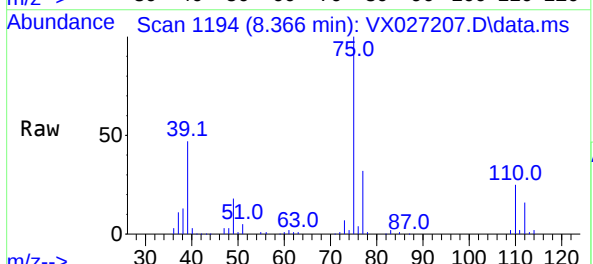
Tgt Ion: 75 Resp: 69389

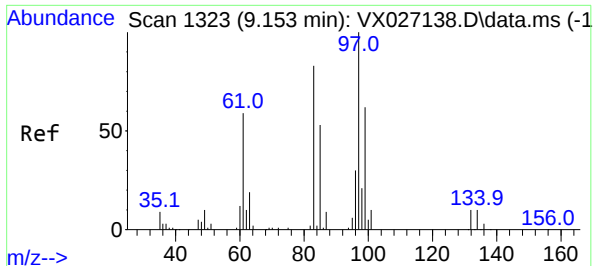
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

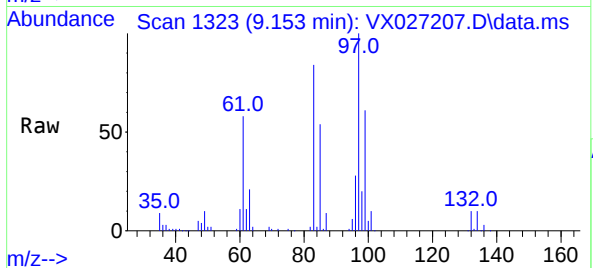
39 47.2 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 53.528 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

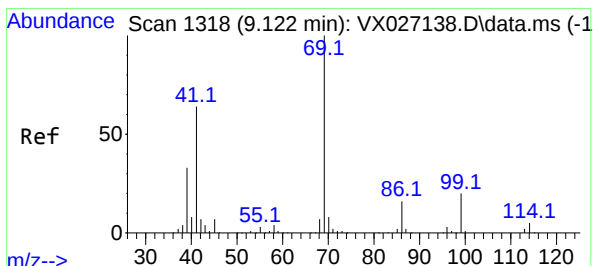
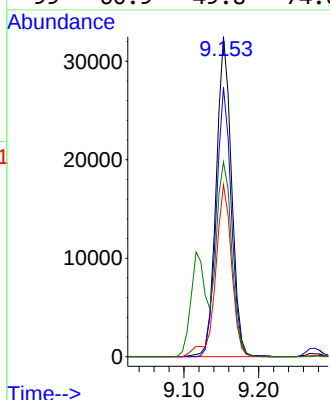
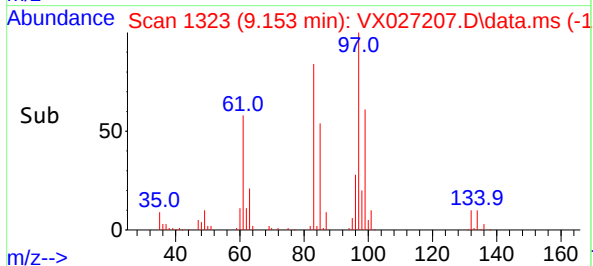


Tgt Ion: 97 Resp: 4639

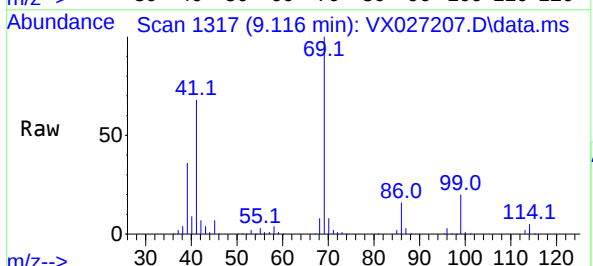
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.4	102.6
85	53.7	44.0	66.0
99	60.9	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

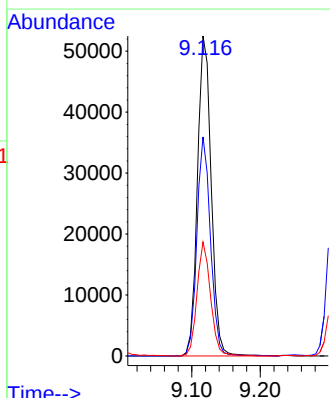
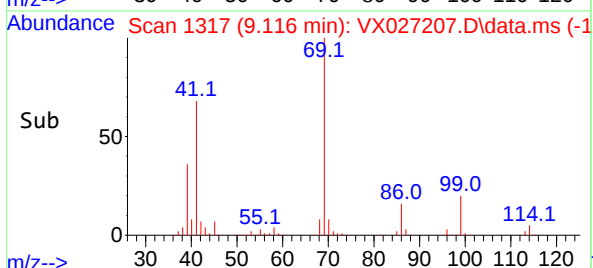


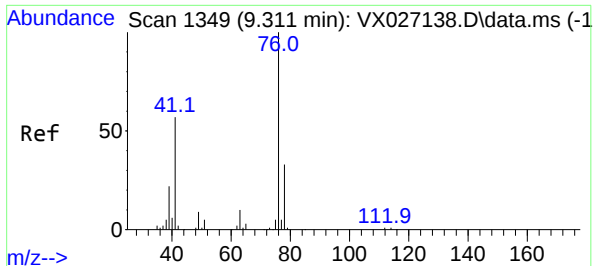
#56
Ethyl methacrylate
Concen: 54.339 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 69 Resp: 73326

Ion	Ratio	Lower	Upper
69	100		
41	67.6	57.2	85.8
39	35.2	30.9	46.3





#57

1,3-Dichloropropane

Concen: 53.516 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 77150

Ion Ratio Lower Upper

76 100

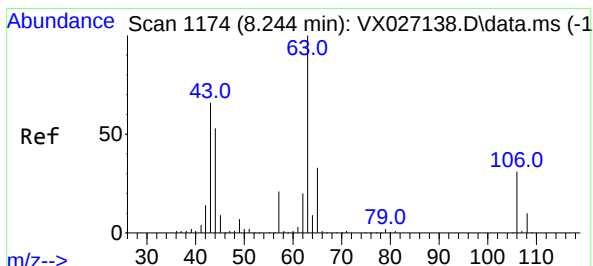
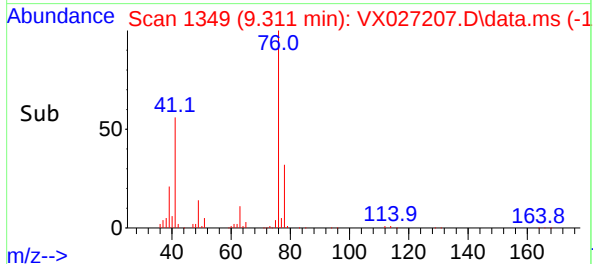
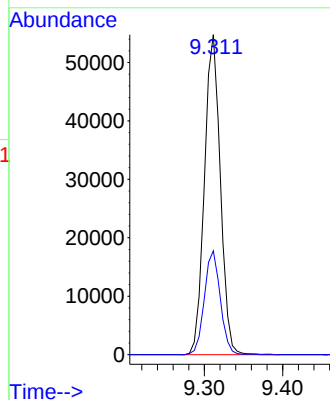
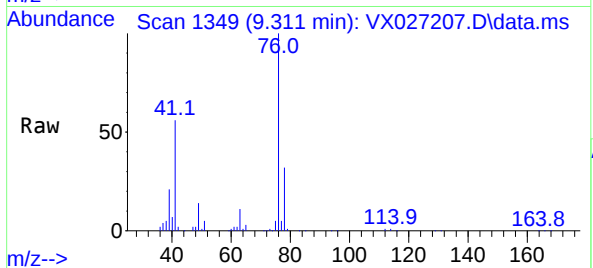
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 258.062 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX027207.D

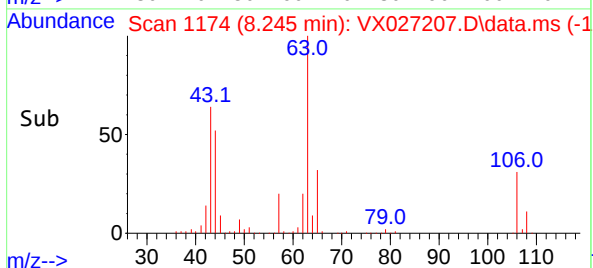
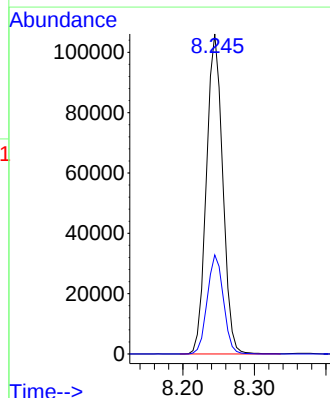
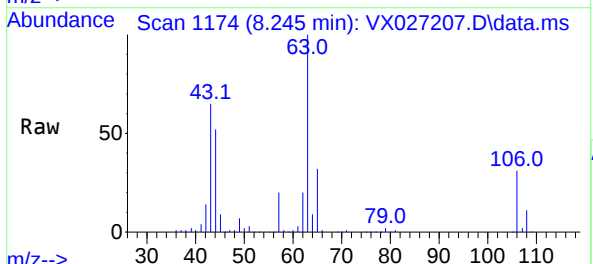
Acq: 25 Feb 2022 22:44

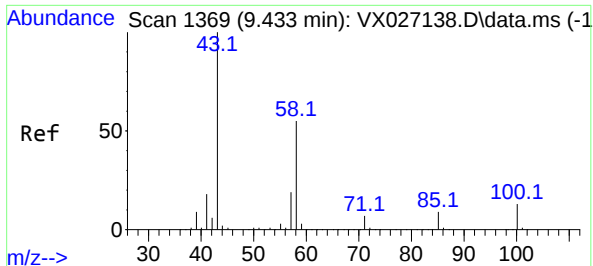
Tgt Ion: 63 Resp: 167856

Ion Ratio Lower Upper

63 100

106 30.6 23.0 34.6





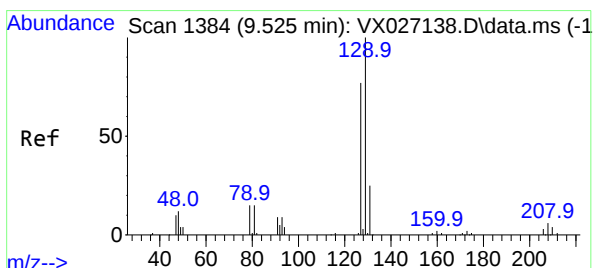
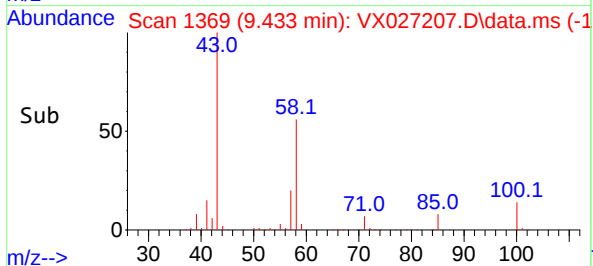
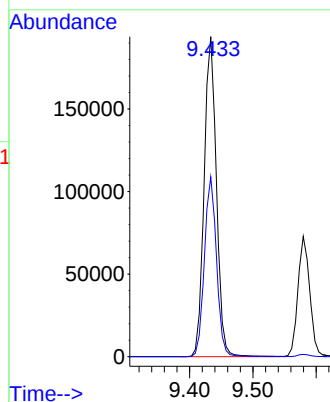
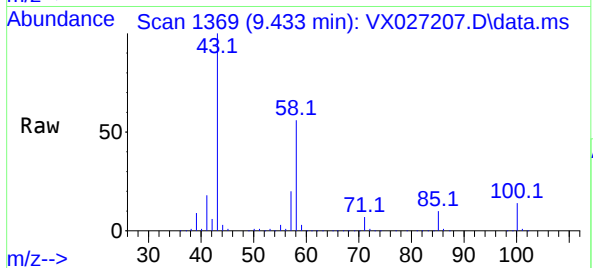
#59
2-Hexanone
Concen: 267.389 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 262184
Ion Ratio Lower Upper
43 100
58 55.6 26.4 79.2

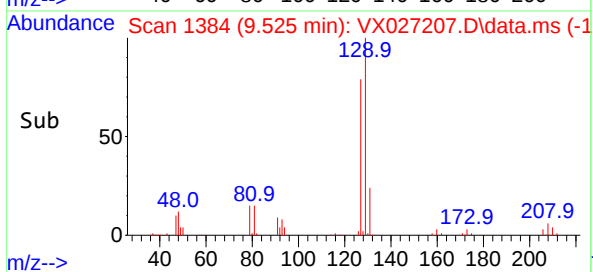
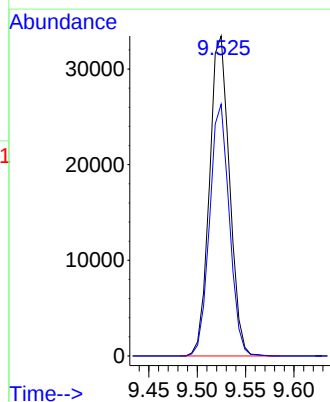
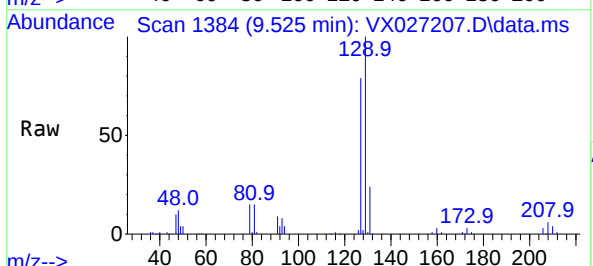
Manual Integrations
APPROVED

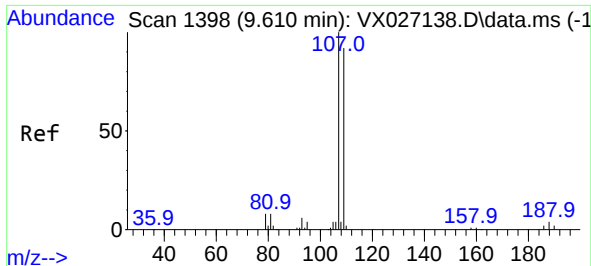
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#60
Dibromochloromethane
Concen: 53.704 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion:129 Resp: 48287
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.031 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 4802

Ion Ratio Lower Upper

107 100

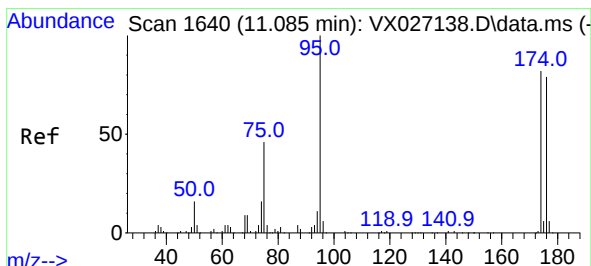
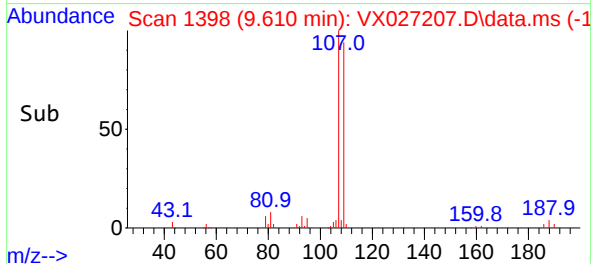
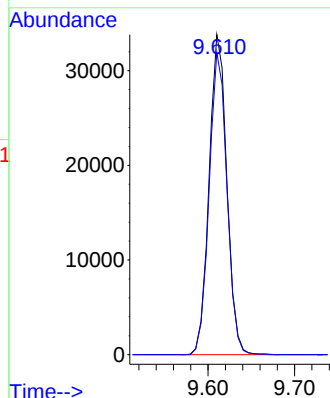
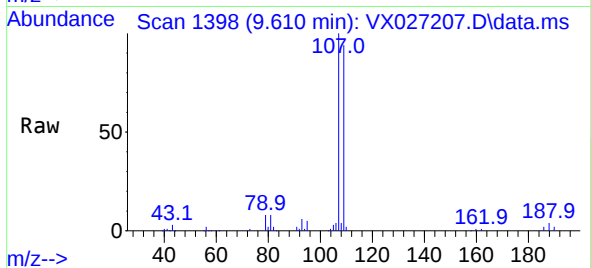
109 94.5 75.5 113.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#62

4-Bromofluorobenzene

Concen: 48.201 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

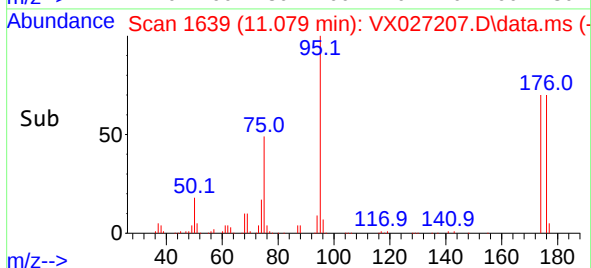
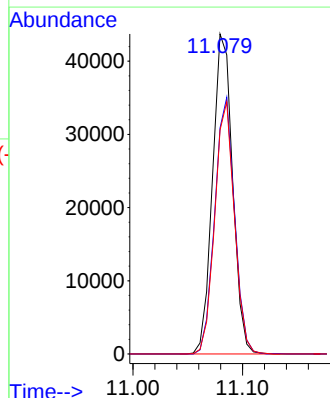
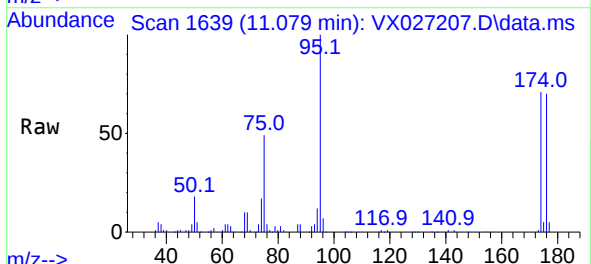
Tgt Ion: 95 Resp: 55396

Ion Ratio Lower Upper

95 100

174 79.3 0.0 148.6

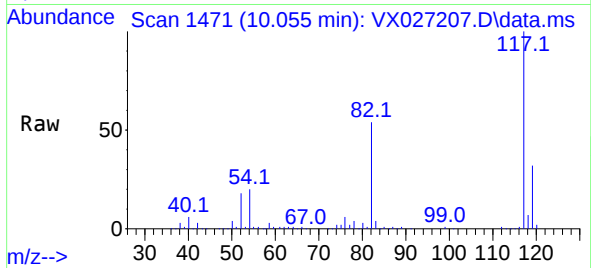
176 77.4 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

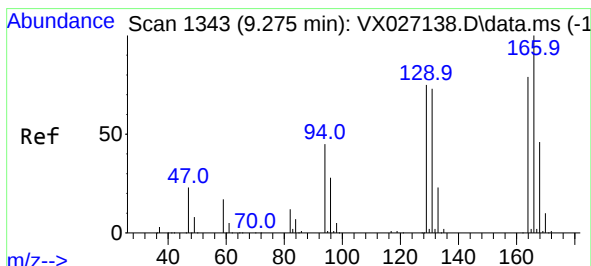
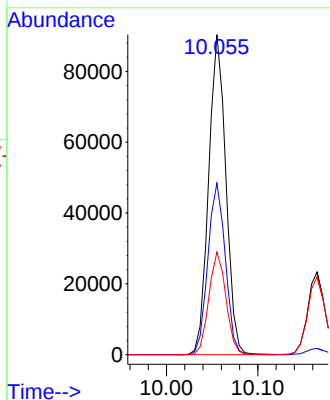
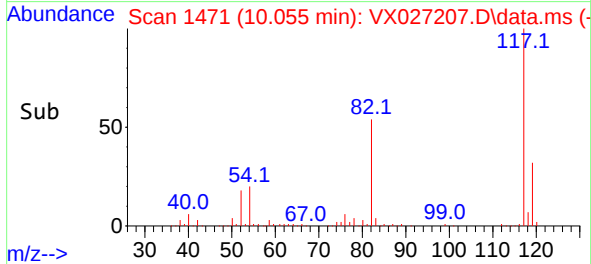
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



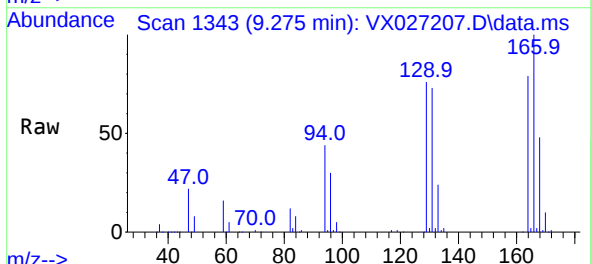
Tgt Ion:117 Resp: 118098
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 32.1 26.2 39.2

Manual Integrations
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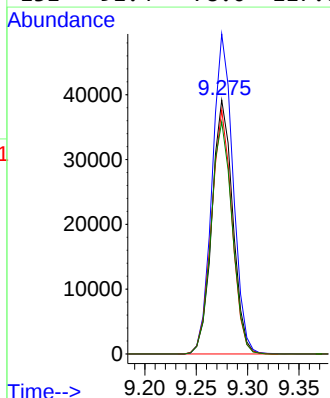
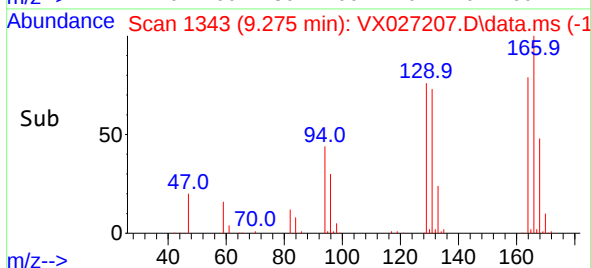
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

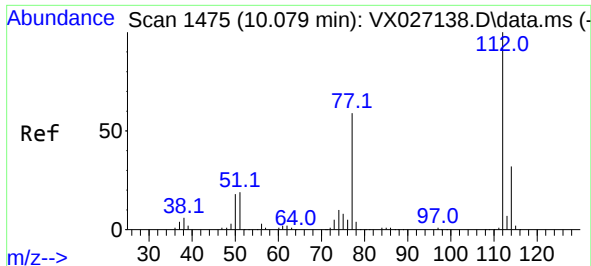


#64
Tetrachloroethene
Concen: 51.345 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



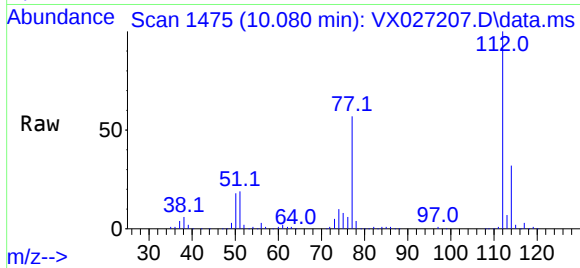
Tgt Ion:164 Resp: 54862
Ion Ratio Lower Upper
164 100
166 126.0 101.8 152.6
129 96.1 83.3 124.9
131 91.4 78.0 117.0





#65
Chlorobenzene
Concen: 50.686 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

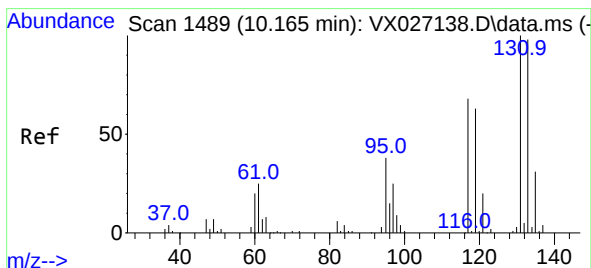
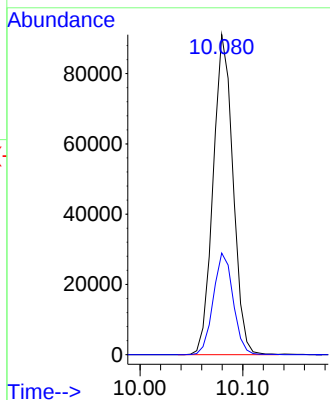
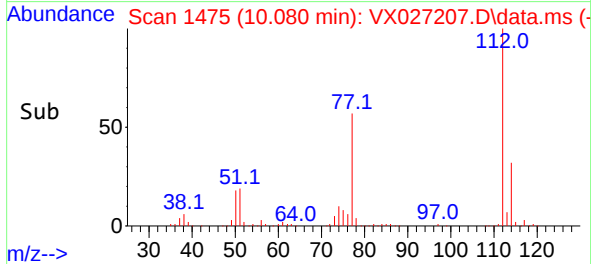
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



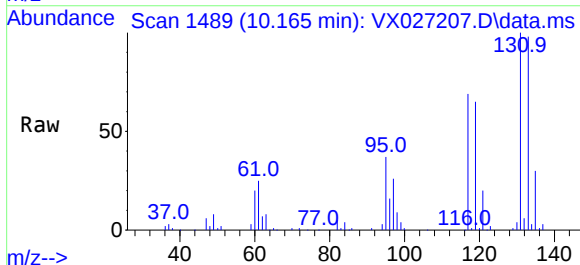
Tgt Ion:112 Resp: 122020
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

Manual Integrations
APPROVED

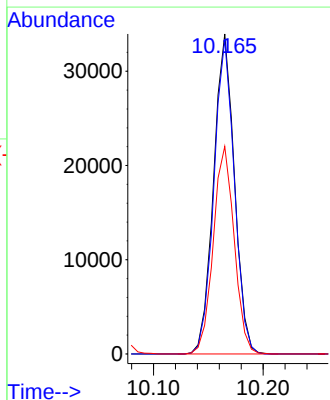
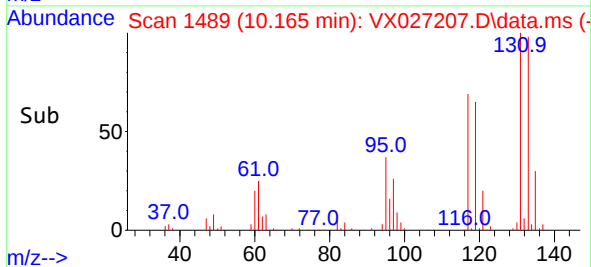
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

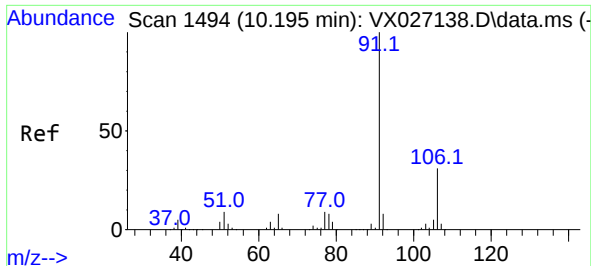


#66
1,1,1,2-Tetrachloroethane
Concen: 51.439 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



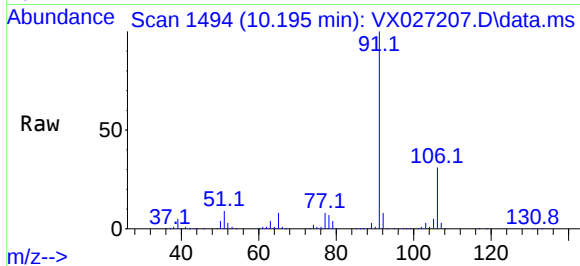
Tgt Ion:131 Resp: 44907
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 65.1 31.7 95.1





#67
Ethyl Benzene
Concen: 51.211 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

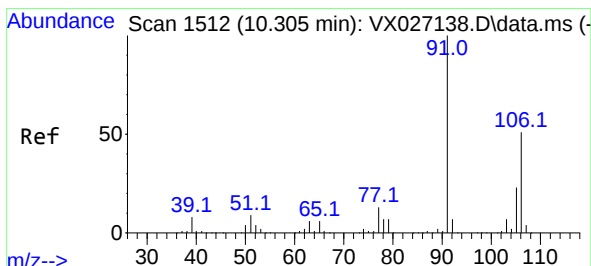
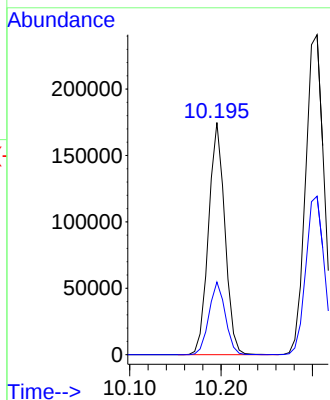
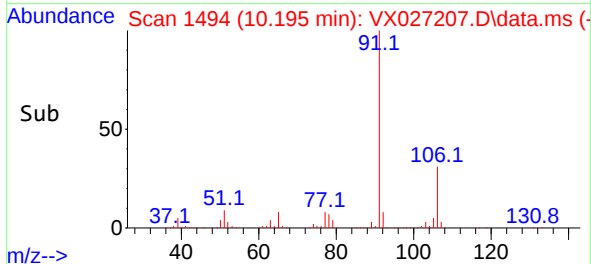
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



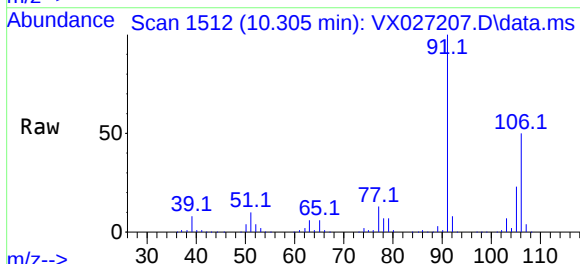
Tgt Ion: 91 Resp: 216424
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

Manual Integrations
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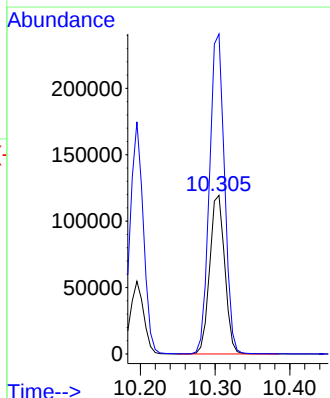
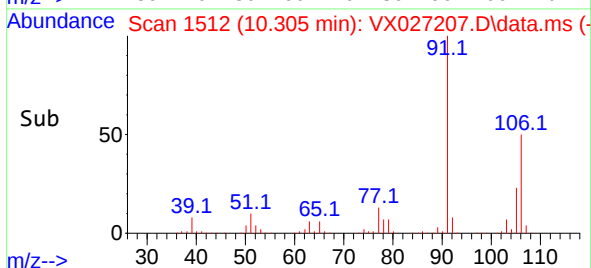
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

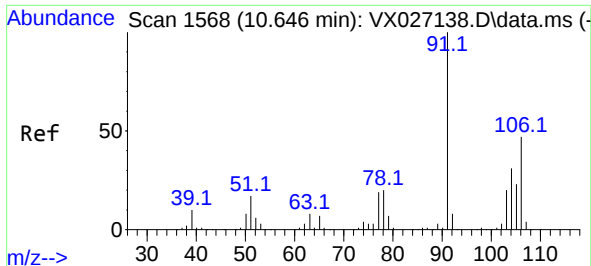


#68
m/p-Xylenes
Concen: 102.785 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion:106 Resp: 166993
Ion Ratio Lower Upper
106 100
91 201.9 165.3 247.9





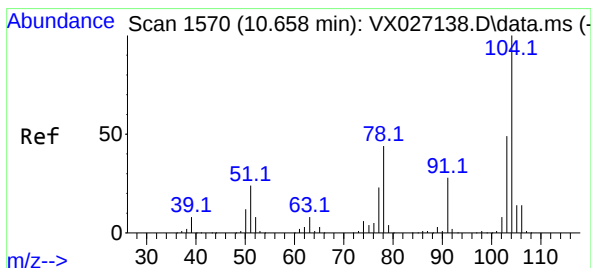
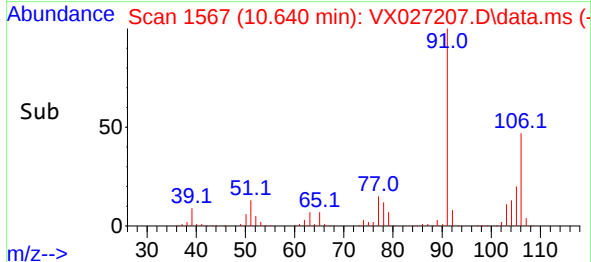
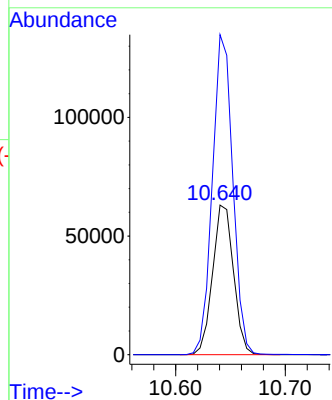
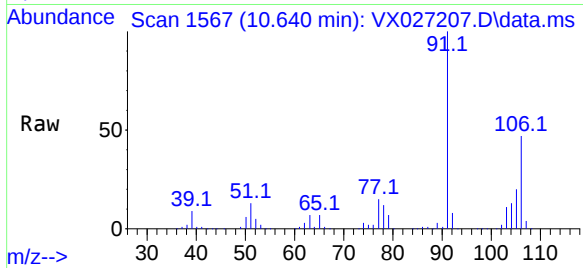
#69
o-Xylene
Concen: 51.247 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 83564
Ion Ratio Lower Upper
106 100
91 209.0 109.7 329.0

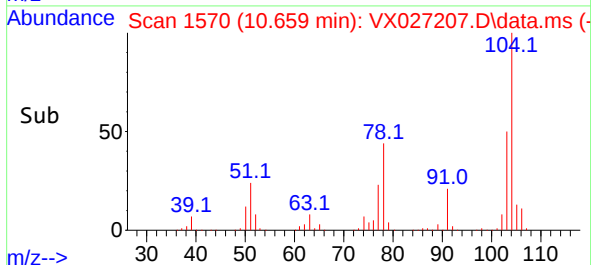
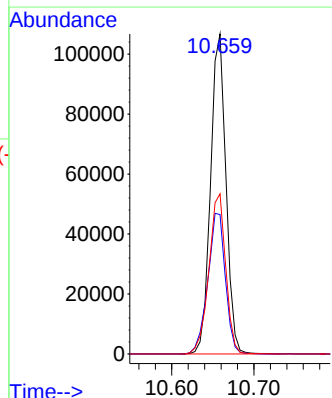
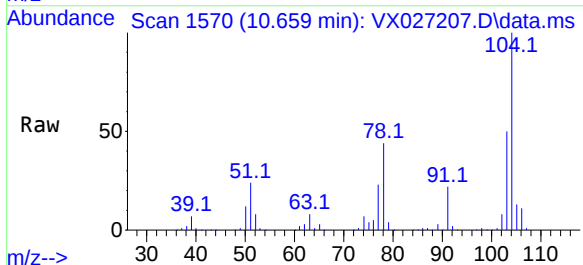
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#70
Styrene
Concen: 52.100 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

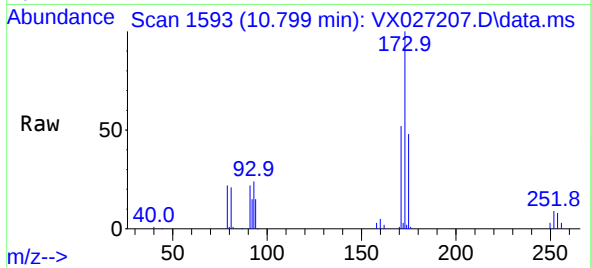
Tgt Ion:104 Resp: 139012
Ion Ratio Lower Upper
104 100
78 50.1 42.5 63.7
103 54.7 43.3 64.9





#71
Bromoform
Concen: 45.981 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

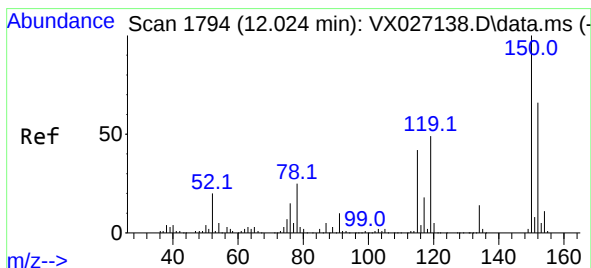
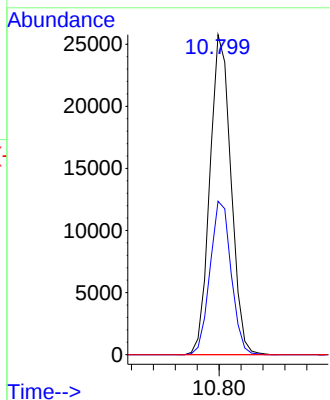
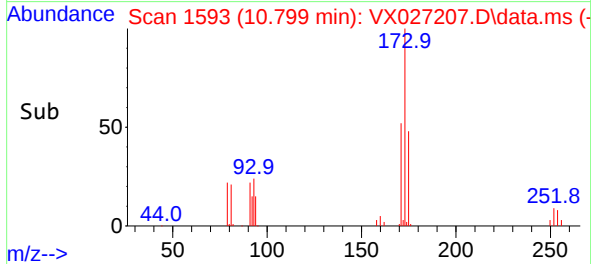
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



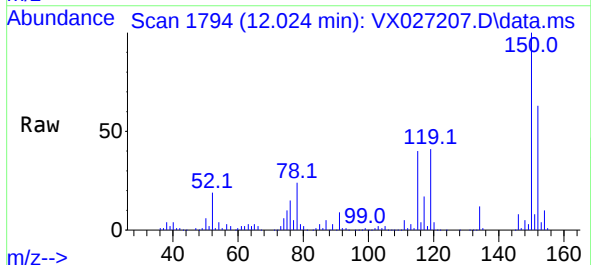
Tgt Ion:173 Resp: 3442
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

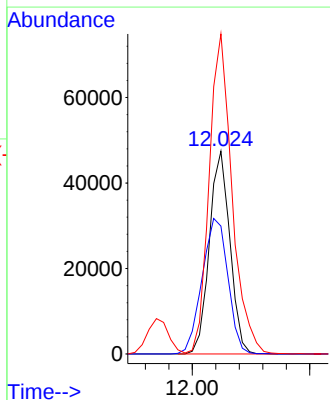
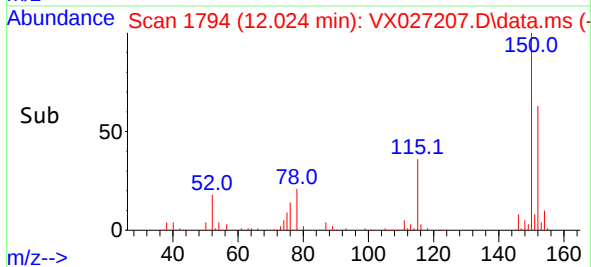
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

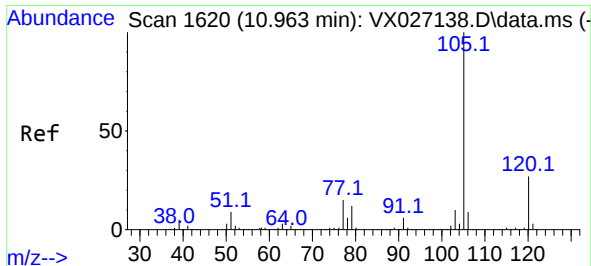


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



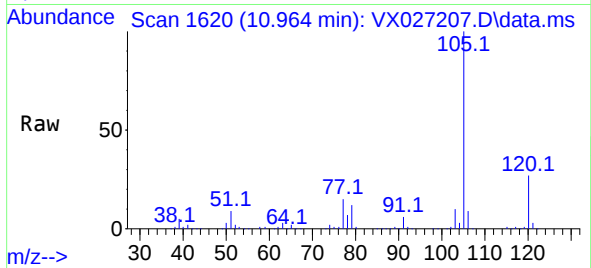
Tgt Ion:152 Resp: 57636
Ion Ratio Lower Upper
152 100
115 84.0 44.2 132.6
150 175.8 0.0 348.2





#73
Isopropylbenzene
Concen: 52.284 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

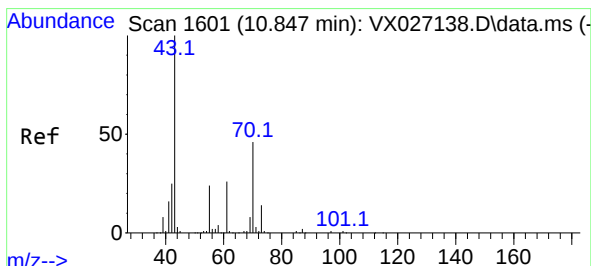
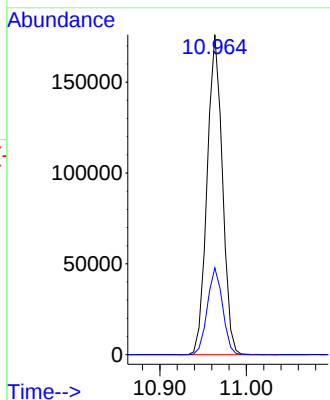
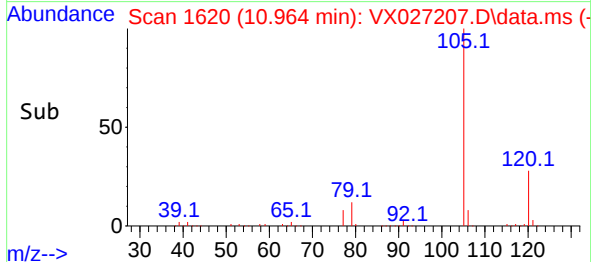
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



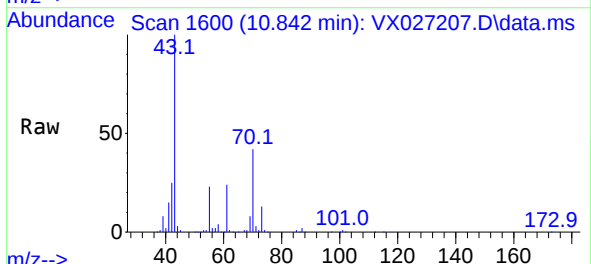
Tgt Ion:105 Resp: 215630
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

Manual Integrations
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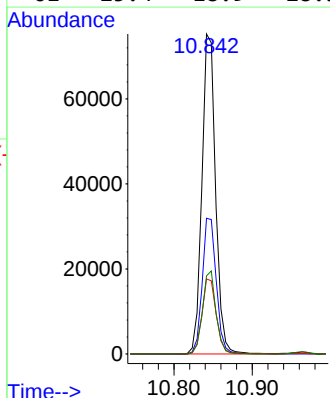
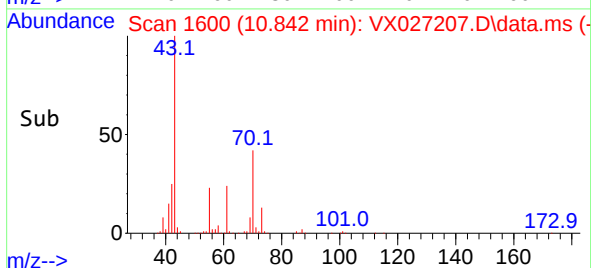
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#74
N-ethyl acetate
Concen: 58.140 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.005 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



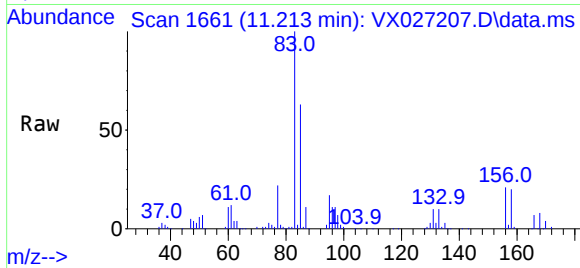
Tgt Ion: 43 Resp: 91233
Ion Ratio Lower Upper
43 100
70 43.6 32.9 49.3
55 24.6 18.3 27.5
61 25.4 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 51.463 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

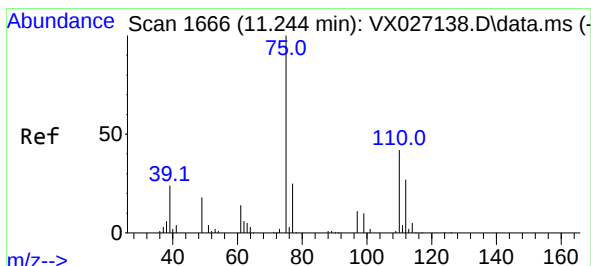
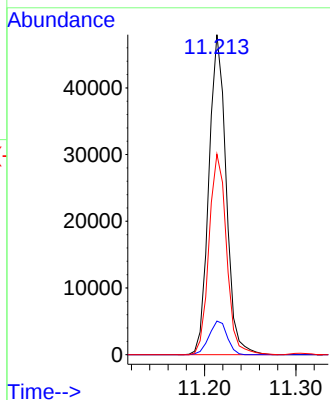
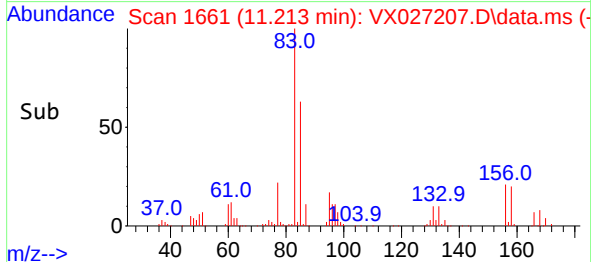
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



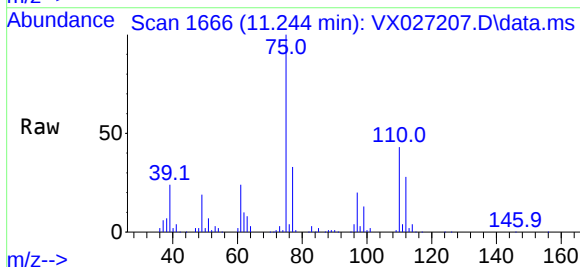
Tgt Ion: 83 Resp: 62690
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 63.7 32.0 96.2

Manual Integrations
APPROVED

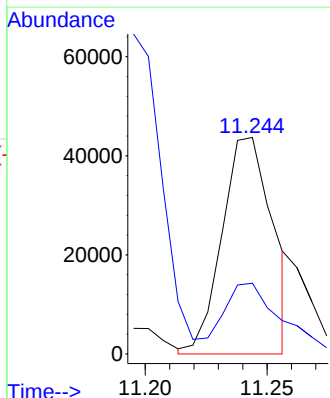
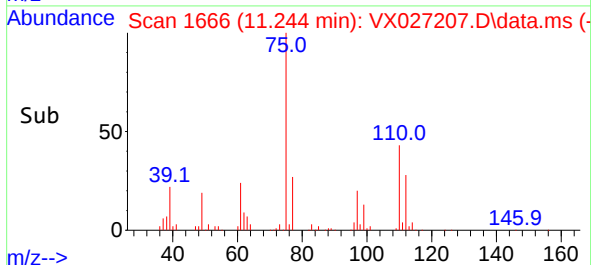
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

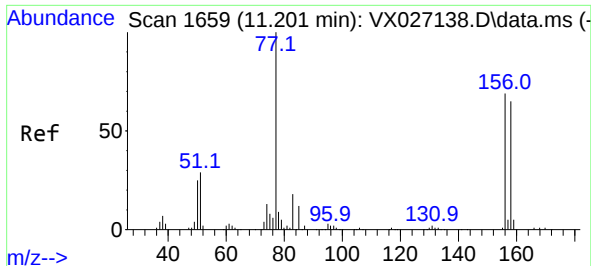


#76
1,2,3-Trichloropropane
Concen: 54.478 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



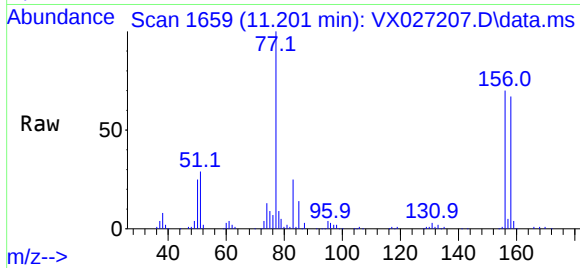
Tgt Ion: 75 Resp: 63245
Ion Ratio Lower Upper
75 100
77 38.4 18.3 54.8





#77
Bromobenzene
Concen: 51.606 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

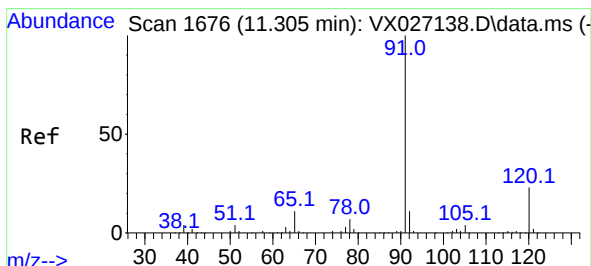
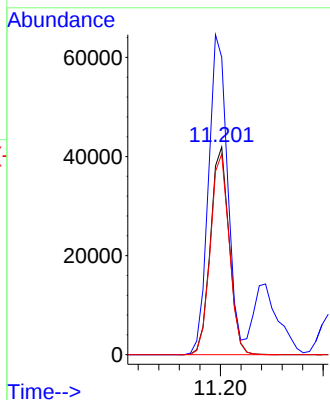
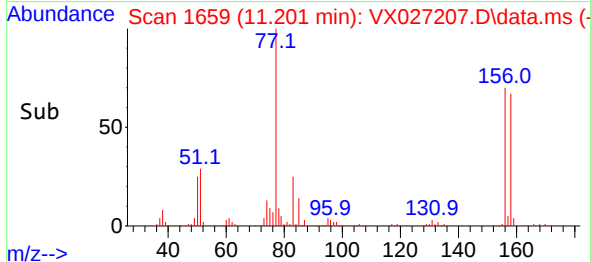
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



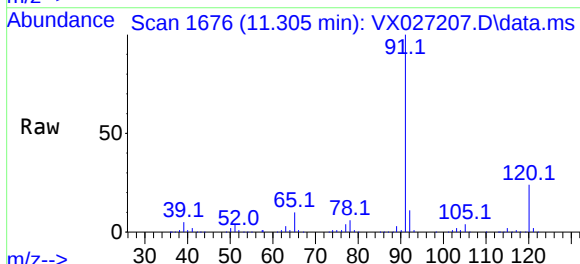
Tgt Ion:156 Resp: 5308
Ion Ratio Lower Upper
156 100
77 155.9 84.5 253.4
158 97.0 48.1 144.4

Manual Integrations
APPROVED

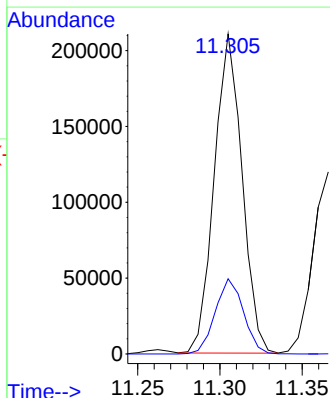
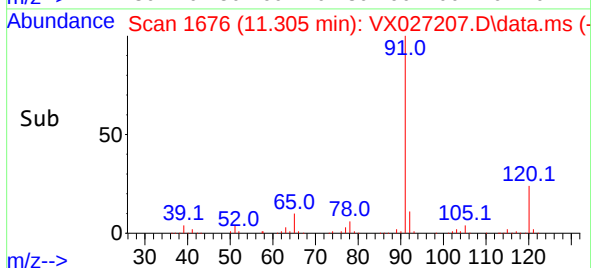
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

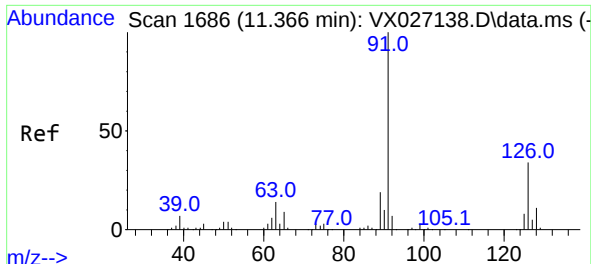


#78
n-propylbenzene
Concen: 52.721 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion: 91 Resp: 247128
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.7





#79
2-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

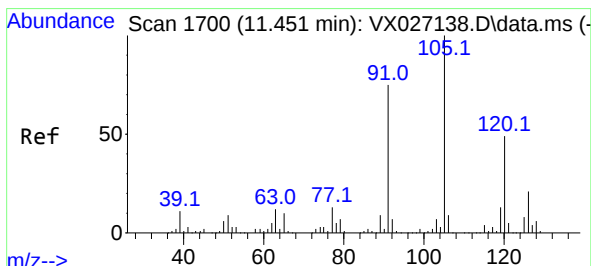
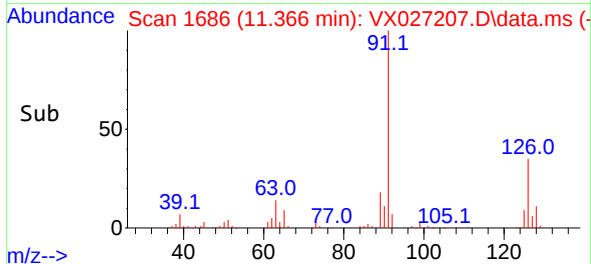
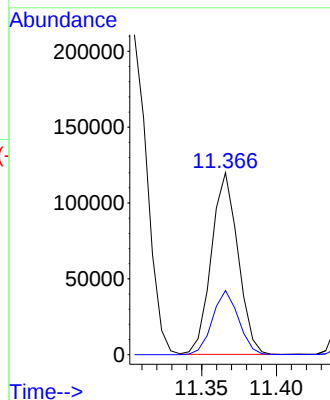
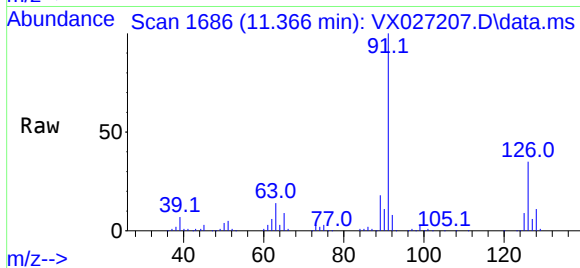
VSTDCCC050

Tgt Ion: 91 Resp: 148091
Ion Ratio Lower Upper
91 100
126 34.7 16.4 49.2

Manual Integrations

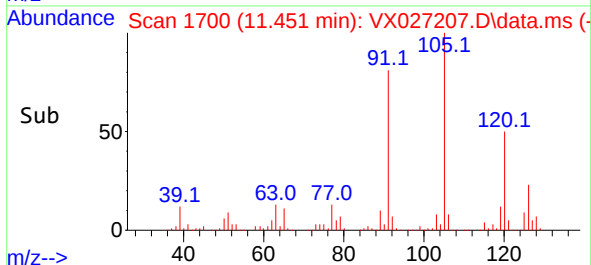
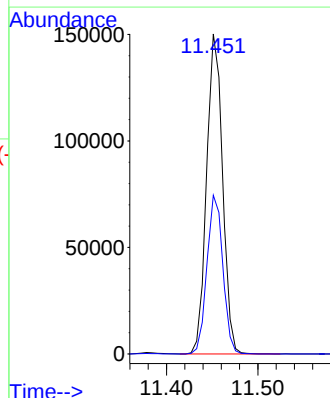
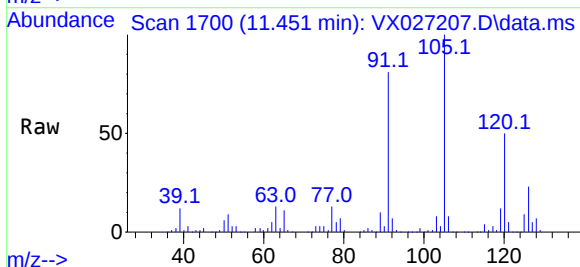
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.543 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion:105 Resp: 182216
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0





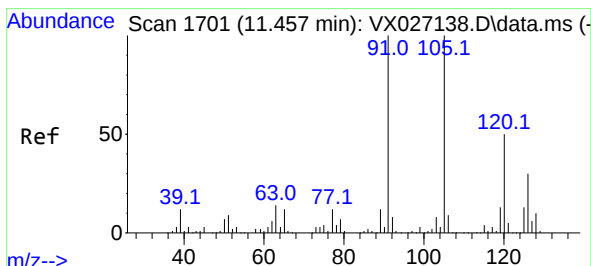
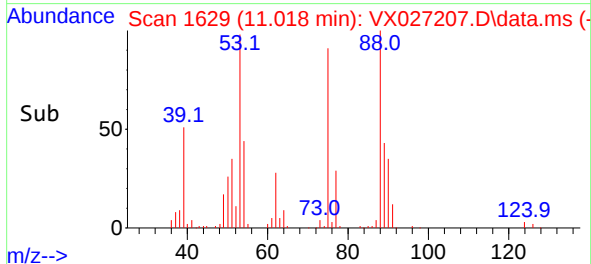
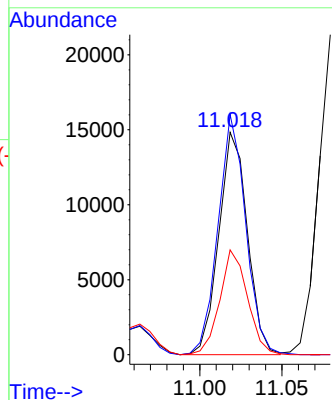
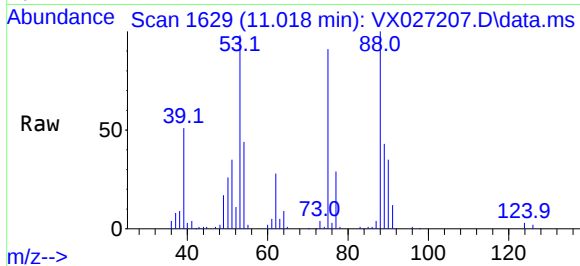
#81
trans-1,4-Dichloro-2-butene
Concen: 45.616 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 1791
Ion Ratio Lower Upper
75 100
53 104.9 94.0 141.0
89 45.8 37.0 55.4

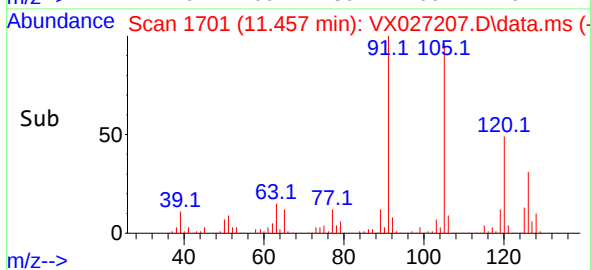
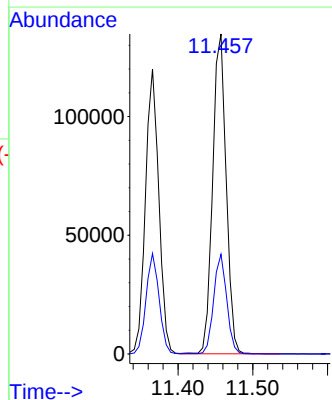
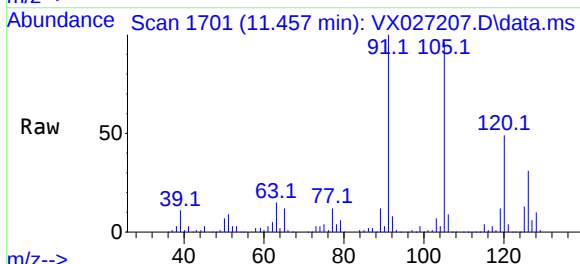
Manual Integrations
APPROVED

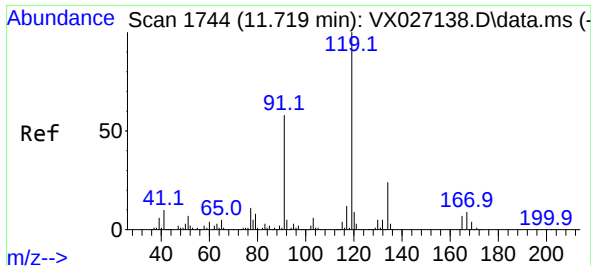
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#82
4-Chlorotoluene
Concen: 51.587 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Tgt Ion: 91 Resp: 169279
Ion Ratio Lower Upper
91 100
126 30.0 14.1 42.4





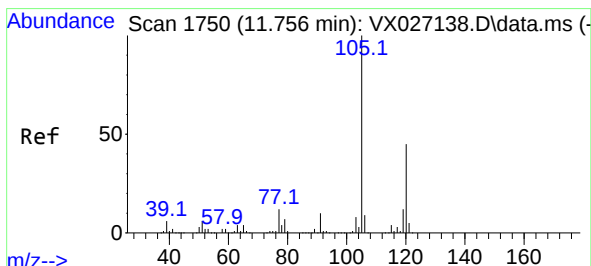
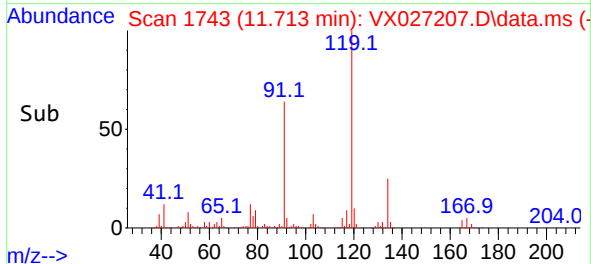
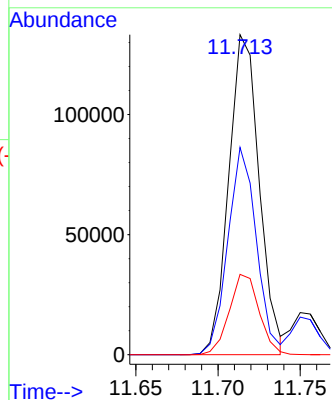
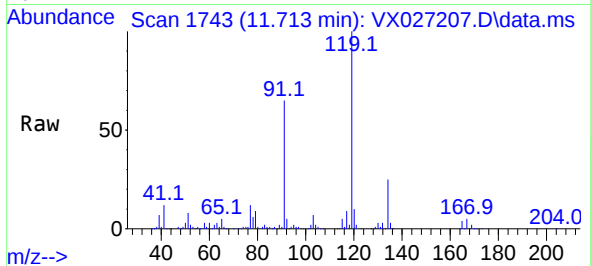
#83
tert-Butylbenzene
Concen: 50.966 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 17186
Ion Ratio Lower Upper
119 100
91 60.8 31.4 94.0
134 24.6 11.8 35.3

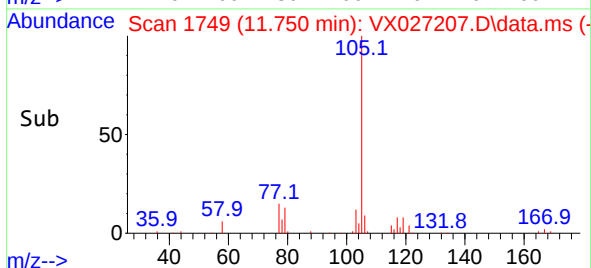
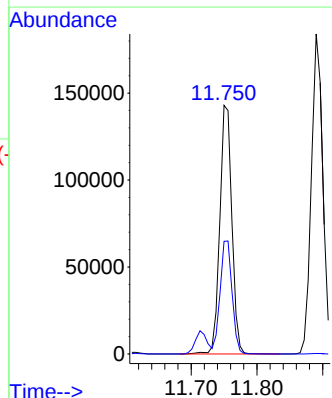
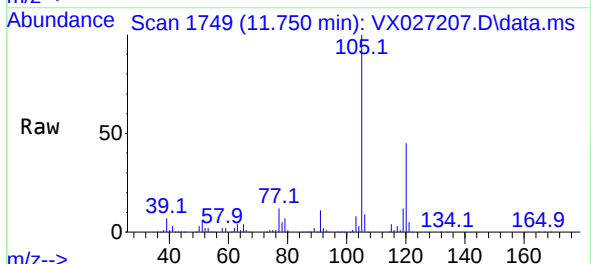
Manual Integrations
APPROVED

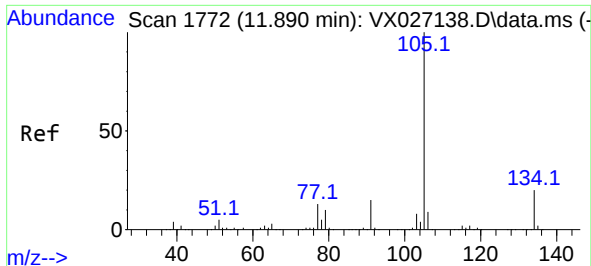
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.775 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

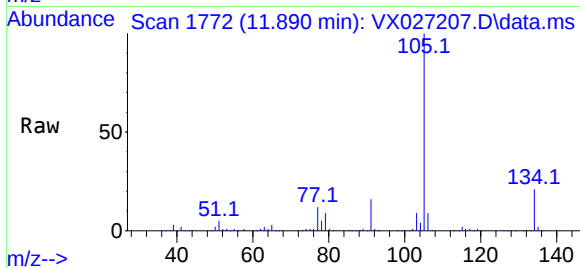
Tgt Ion:105 Resp: 182047
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 52.550 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027207.D
 Acq: 25 Feb 2022 22:44

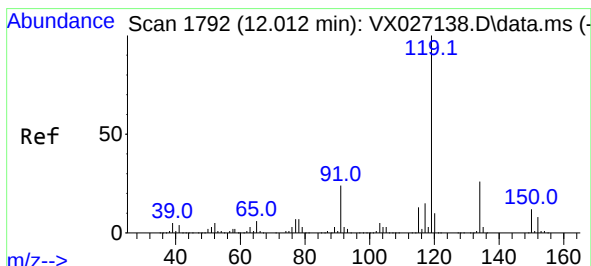
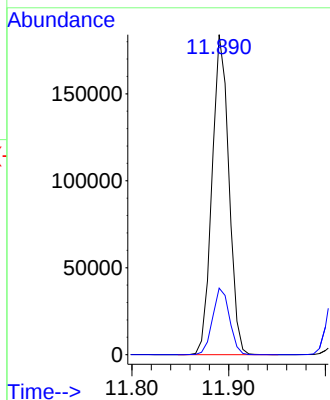
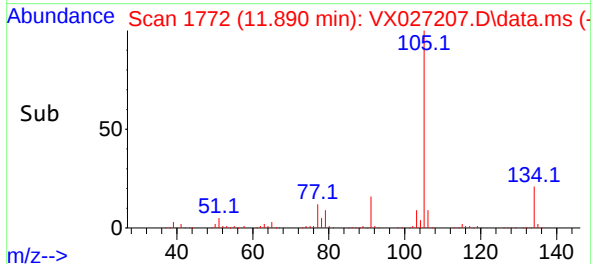
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



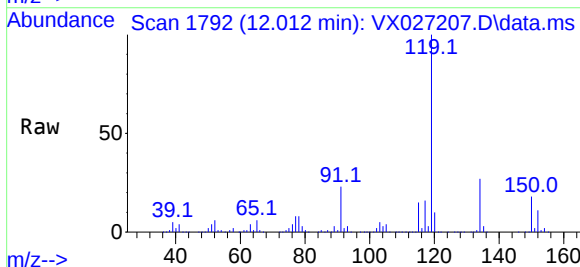
Tgt Ion:105 Resp: 222192
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

Manual Integrations
 APPROVED

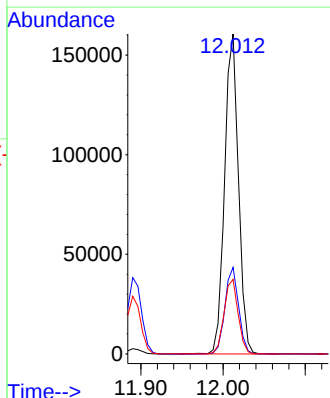
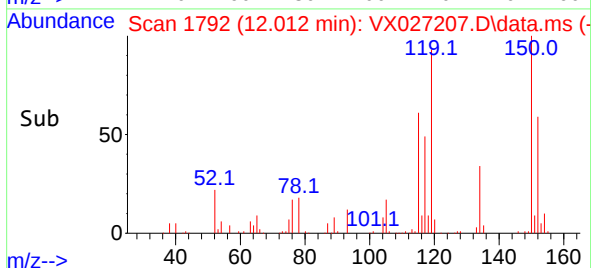
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

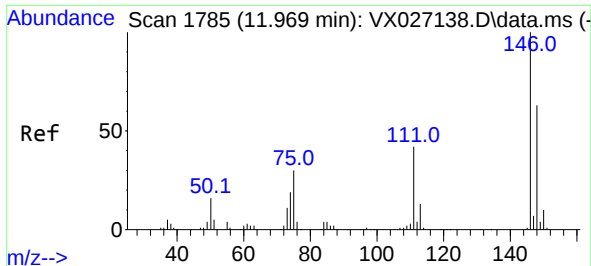


#86
 p-Isopropyltoluene
 Concen: 52.243 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027207.D
 Acq: 25 Feb 2022 22:44



Tgt Ion:119 Resp: 188313
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 23.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 50.837 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 98404

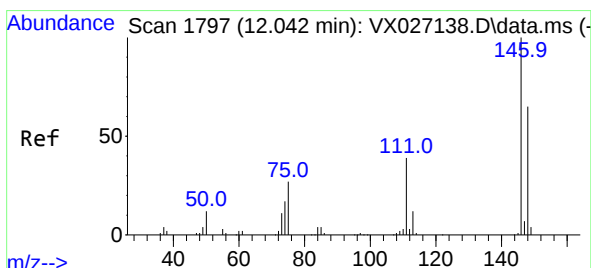
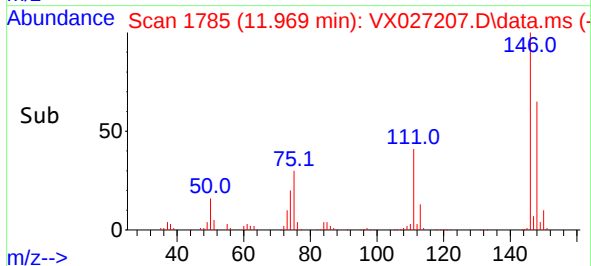
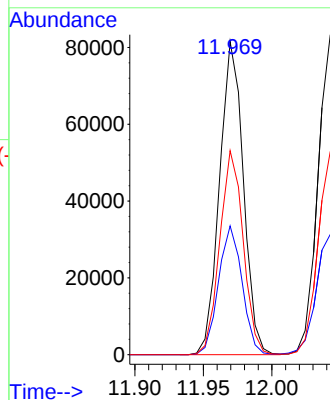
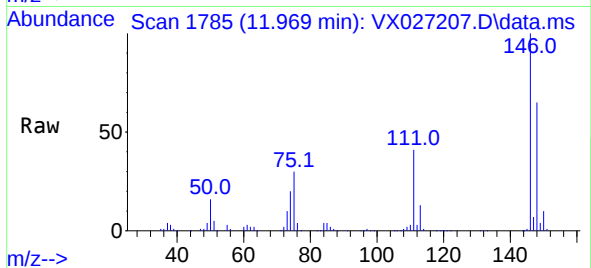
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	63.7
148	64.4	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#88

1,4-Dichlorobenzene

Concen: 50.528 ug/l

RT: 12.043 min Scan# 1797

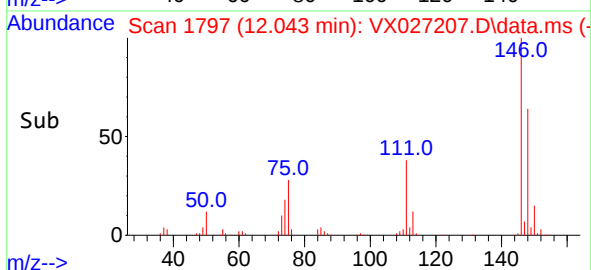
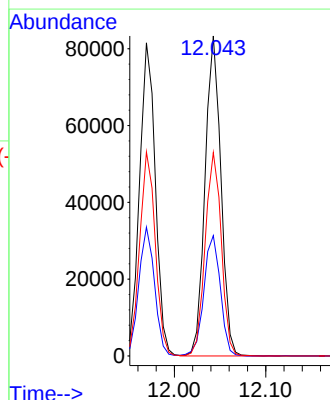
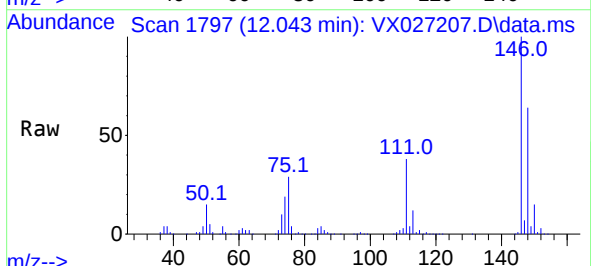
Delta R.T. 0.001 min

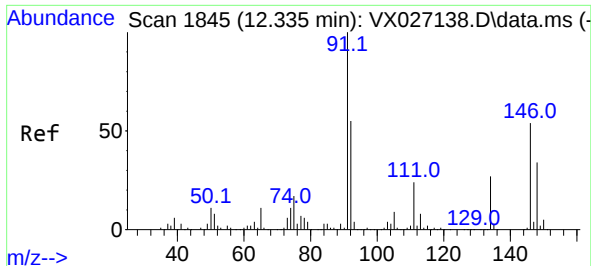
Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Tgt Ion:146 Resp: 100005

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.2	60.6
148	64.7	31.4	94.0





#89

n-Butylbenzene

Concen: 51.564 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027207.D

Acq: 25 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 155349

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.6

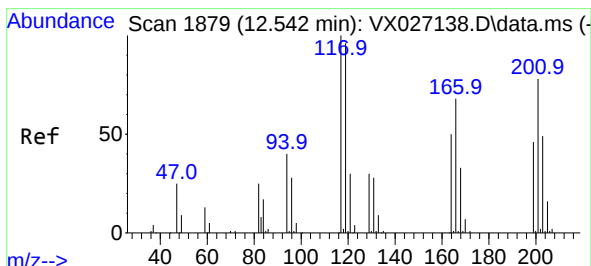
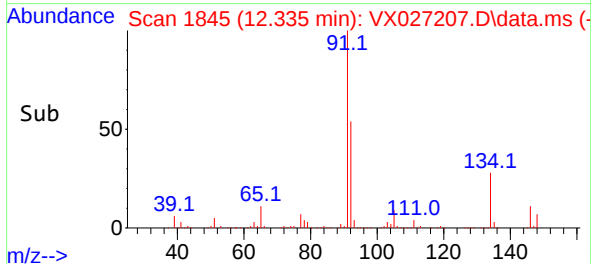
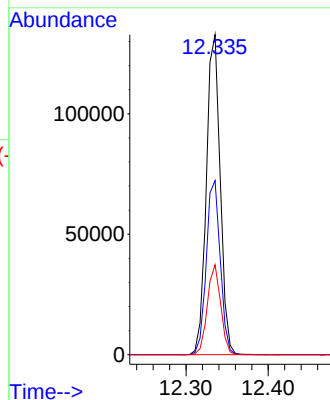
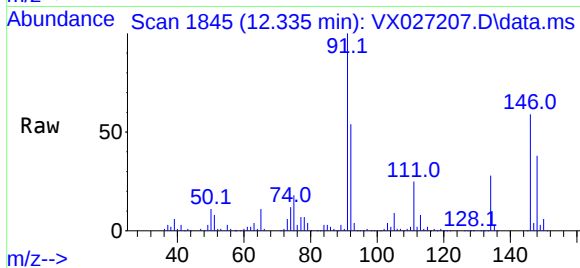
134 27.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#90

Hexachloroethane

Concen: 51.717 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX027207.D

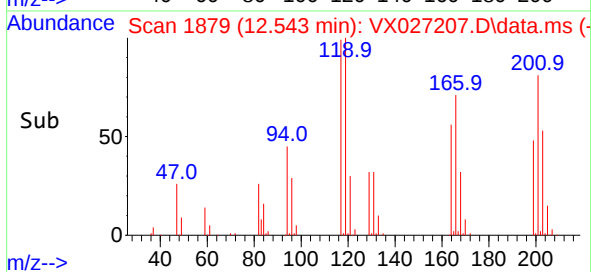
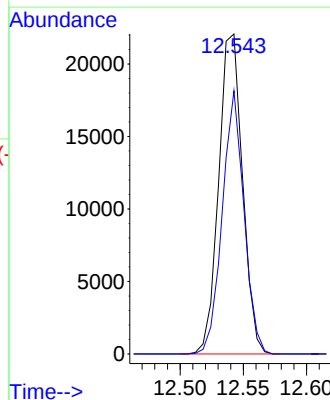
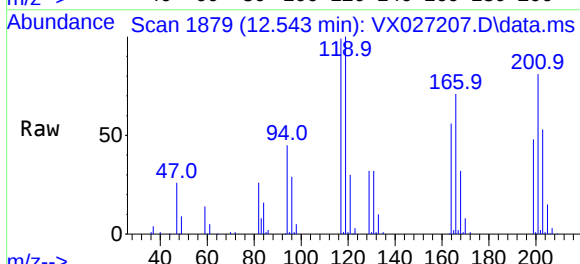
Acq: 25 Feb 2022 22:44

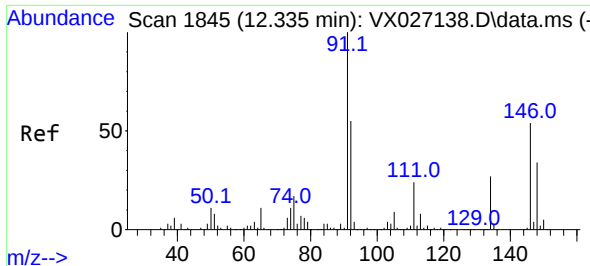
Tgt Ion:117 Resp: 28876

Ion Ratio Lower Upper

117 100

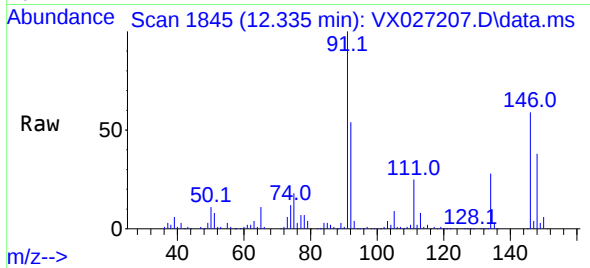
201 74.8 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 51.420 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

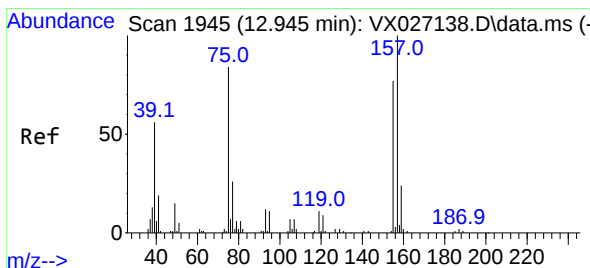
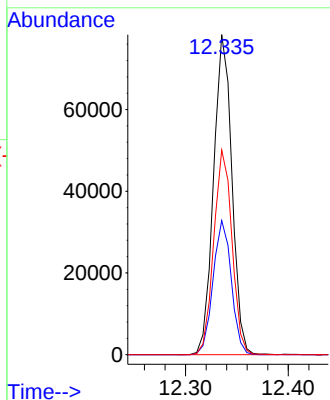
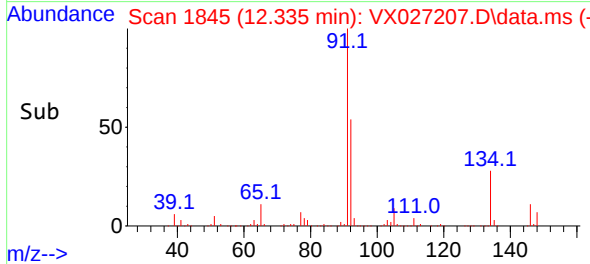
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



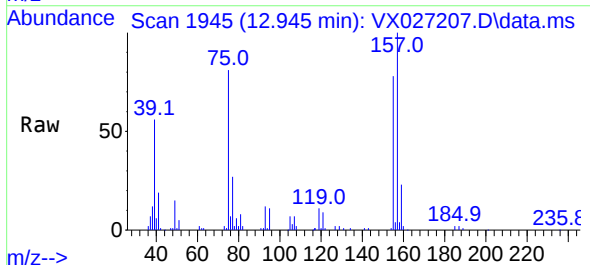
Tgt Ion:146 Resp: 9711
Ion Ratio Lower Upper
146 100
111 41.7 21.8 65.3
148 63.6 32.0 96.2

Manual Integrations
APPROVED

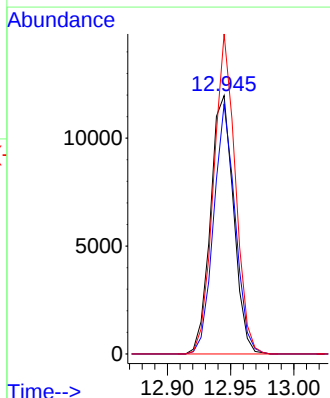
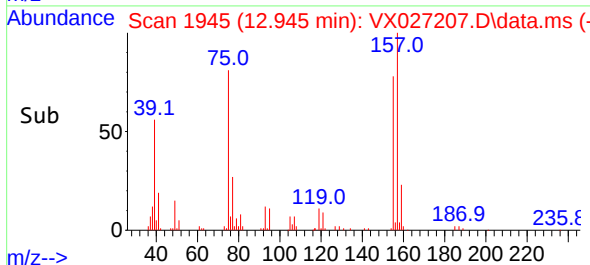
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.598 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



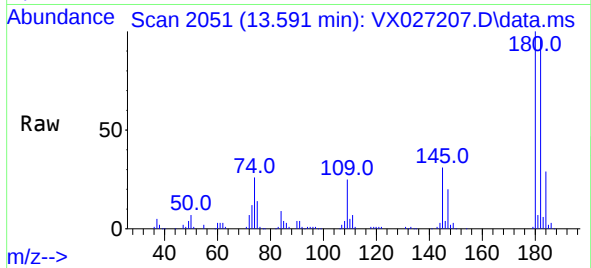
Tgt Ion: 75 Resp: 15158
Ion Ratio Lower Upper
75 100
155 90.1 40.0 119.9
157 116.8 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 51.599 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

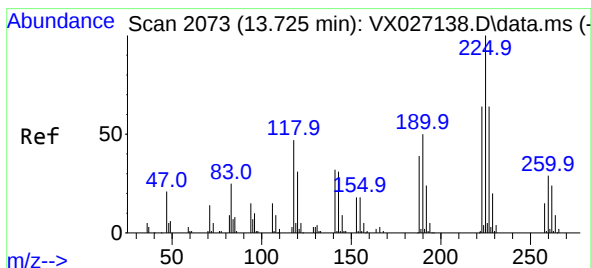
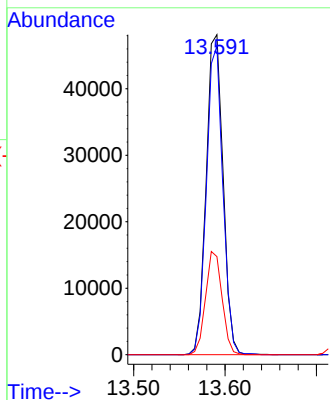
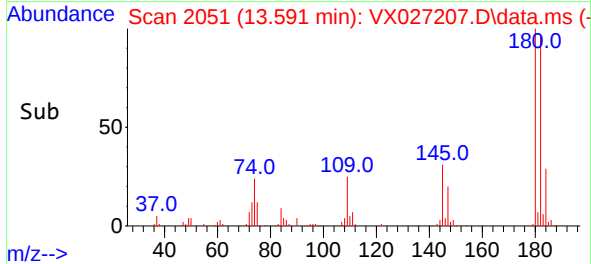
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



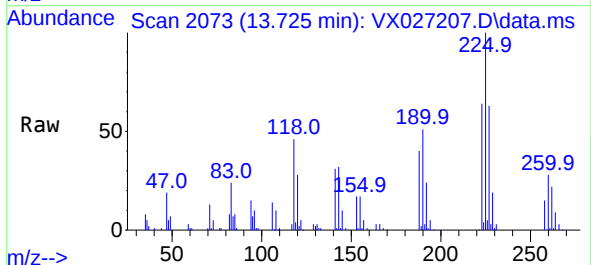
Tgt Ion:180 Resp: 61497
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.0
145 31.6 16.3 48.8

Manual Integrations
APPROVED

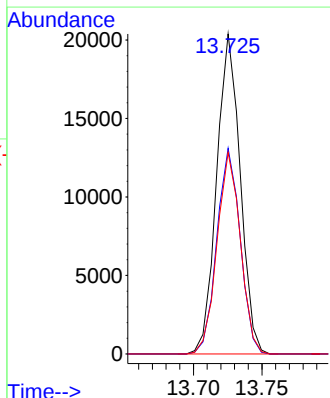
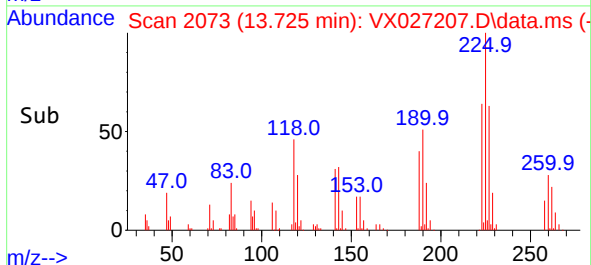
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

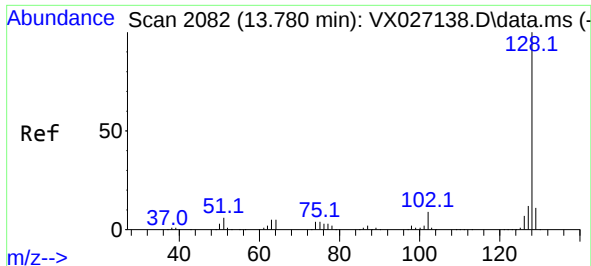


#94
Hexachlorobutadiene
Concen: 49.136 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



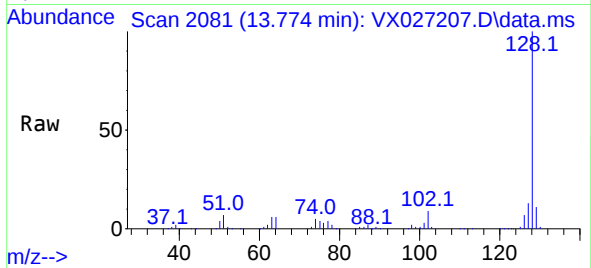
Tgt Ion:225 Resp: 24313
Ion Ratio Lower Upper
225 100
223 63.7 32.0 96.0
227 62.4 32.3 96.9





#95
Naphthalene
Concen: 53.467 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44

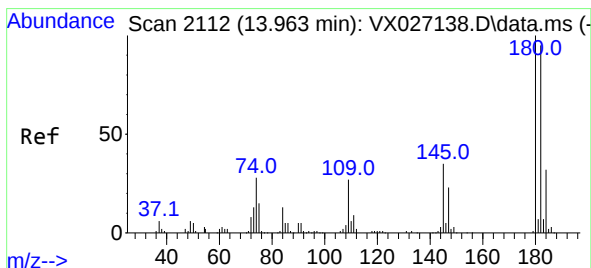
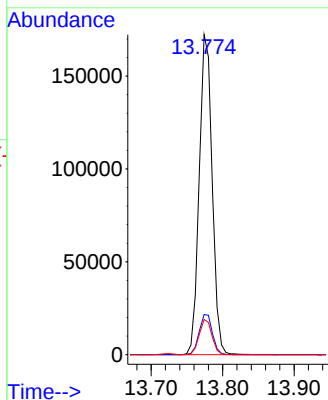
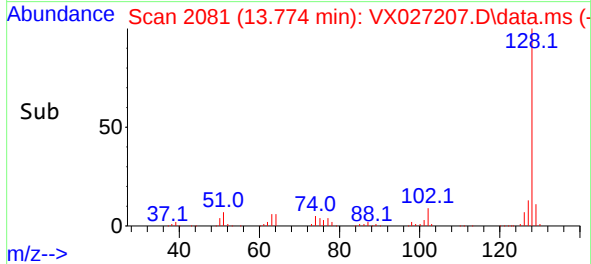
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



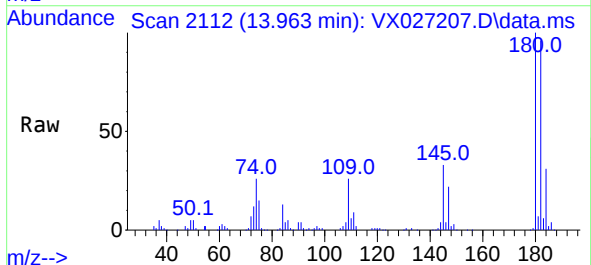
Tgt Ion:128 Resp: 21654
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.712 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027207.D
Acq: 25 Feb 2022 22:44



Tgt Ion:180 Resp: 61777
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 33.7 17.5 52.5

