

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025814.D
 Acq On : 15 Dec 2021 15:05
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 16 07:29:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79526	50.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.220%			
35) Dibromofluoromethane	5.385	113	66588	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	242286	52.029	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.060%			
62) 4-Bromofluorobenzene	11.079	95	89889	50.815	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24335	24.671	ug/l	99
3) Chloromethane	1.294	50	28052	21.841	ug/l	99
4) Vinyl Chloride	1.374	62	28384	20.776	ug/l	97
5) Bromomethane	1.599	94	20493	21.008	ug/l	98
6) Chloroethane	1.685	64	20465	20.682	ug/l	94
7) Trichlorofluoromethane	1.886	101	46585	20.643	ug/l	99
8) Diethyl Ether	2.136	74	17752	19.942	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	25796	21.967	ug/l	98
10) Methyl Iodide	2.453	142	30355	20.287	ug/l	100
11) Tert butyl alcohol	2.965	59	29062	91.297	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23593	20.207	ug/l	95
13) Acrolein	2.239	56	18028	82.856	ug/l	98
14) Allyl chloride	2.666	41	40391	18.955	ug/l	100
15) Acrylonitrile	3.062	53	74602	100.390	ug/l	99
16) Acetone	2.380	43	79273	103.138	ug/l	100
17) Carbon Disulfide	2.508	76	59222	17.708	ug/l	100
18) Methyl Acetate	2.703	43	48825	20.187	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	83319	20.204	ug/l	97
20) Methylene Chloride	2.788	84	28735	19.705	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	26406	20.265	ug/l	97
22) Diisopropyl ether	3.764	45	84809	20.518	ug/l	94
23) Vinyl Acetate	3.721	43	331603	103.670	ug/l	99
24) 1,1-Dichloroethane	3.611	63	47535	20.141	ug/l	97
25) 2-Butanone	4.556	43	112162	105.089	ug/l	98
26) 2,2-Dichloropropane	4.477	77	32242	18.011	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31450	20.355	ug/l	97
28) Bromochloromethane	4.897	49	19587	18.416	ug/l	99
29) Tetrahydrofuran	5.007	42	68176	100.467	ug/l	99
30) Chloroform	5.093	83	51436	19.871	ug/l	92
31) Cyclohexane	5.464	56	42824	22.191	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	43787	19.436	ug/l	98
36) 1,1-Dichloropropene	5.690	75	36877	21.276	ug/l	99
37) Ethyl Acetate	4.715	43	41982	21.801	ug/l	99
38) Carbon Tetrachloride	5.678	117	38783	19.231	ug/l	98
39) Methylcyclohexane	7.379	83	45500	23.461	ug/l	97
40) Benzene	6.037	78	109657	21.209	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21289	19.976	ug/l	96
42) 1,2-Dichloroethane	6.092	62	41527	21.133	ug/l	99
43) Isopropyl Acetate	6.342	43	61697	19.886	ug/l	99
44) Trichloroethene	7.123	130	31849	22.126	ug/l	96
45) 1,2-Dichloropropane	7.434	63	27848	21.370	ug/l	90
46) Dibromomethane	7.580	93	21204	20.900	ug/l	96
47) Bromodichloromethane	7.824	83	39089	19.549	ug/l	97
48) Methyl methacrylate	7.696	41	29632	20.282	ug/l	97
49) 1,4-Dioxane	7.659	88	13867	434.770	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	211671	104.223	ug/l	100
52) Toluene	8.720	92	71384	21.669	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	35421	18.585	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41100	19.708	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	30306	21.452	ug/l	96
56) Ethyl methacrylate	9.116	69	41664	20.535	ug/l	99
57) 1,3-Dichloropropane	9.311	76	48916	21.109	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	87433	98.345	ug/l	100
59) 2-Hexanone	9.433	43	163971	106.558	ug/l	100
60) Dibromochloromethane	9.525	129	29441	18.361	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31310	20.440	ug/l	100
64) Tetrachloroethene	9.275	164	31736	22.844	ug/l	97
65) Chlorobenzene	10.079	112	77747	21.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	27915	19.691	ug/l	98
67) Ethyl Benzene	10.195	91	134278	21.873	ug/l	99
68) m/p-Xylenes	10.305	106	106739	44.682	ug/l	99
69) o-Xylene	10.640	106	52197	22.211	ug/l	98
70) Styrene	10.659	104	85854	21.955	ug/l	100
71) Bromoform	10.799	173	20354	17.429	ug/l #	98
73) Isopropylbenzene	10.963	105	137433	22.211	ug/l	100
74) N-amyl acetate	10.848	43	49415	19.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	44945	20.841	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	39387m	20.164	ug/l	
77) Bromobenzene	11.201	156	33682	21.222	ug/l	99
78) n-propylbenzene	11.305	91	156103	22.304	ug/l	100
79) 2-Chlorotoluene	11.366	91	94591	21.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	116727	22.746	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9061	14.381	ug/l #	81
82) 4-Chlorotoluene	11.457	91	107373	21.545	ug/l	100
83) tert-Butylbenzene	11.719	119	110180	21.904	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	115570	22.544	ug/l	99
85) sec-Butylbenzene	11.890	105	140691	23.270	ug/l	100
86) p-Isopropyltoluene	12.012	119	117300	23.102	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63876	21.600	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	65005	21.530	ug/l	99
89) n-Butylbenzene	12.335	91	96351	22.748	ug/l	99
90) Hexachloroethane	12.542	117	16639	16.674	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	62529	22.141	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8299	17.125	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	34751	22.415	ug/l	99
94) Hexachlorobutadiene	13.725	225	14845	24.712	ug/l	97
95) Naphthalene	13.780	128	112056	20.725	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35254	22.668	ug/l	99

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ClientSampleId :
VX1216WBSD01

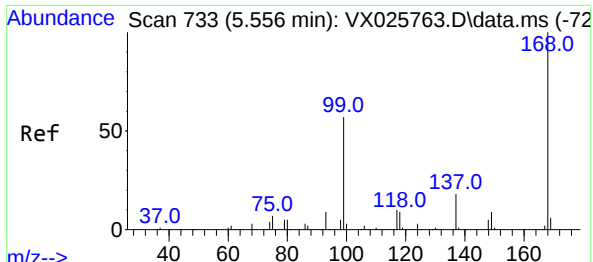
Manual Integrations
APPROVED

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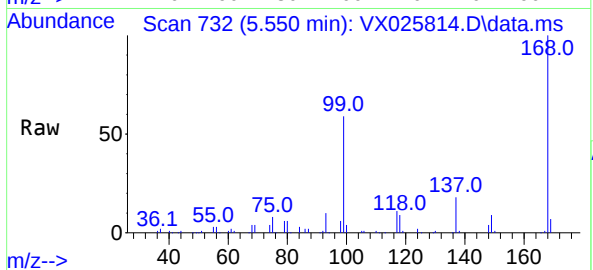
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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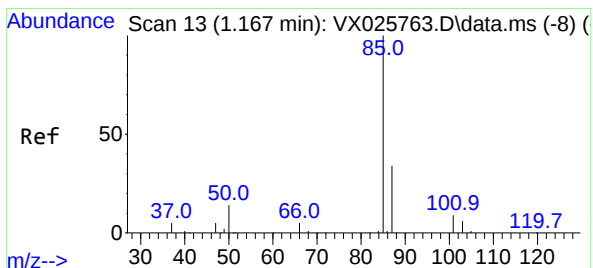
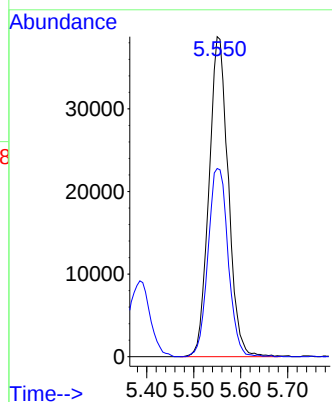
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:168 Resp: 11029
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.8

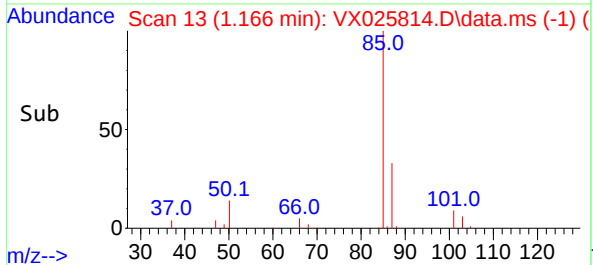
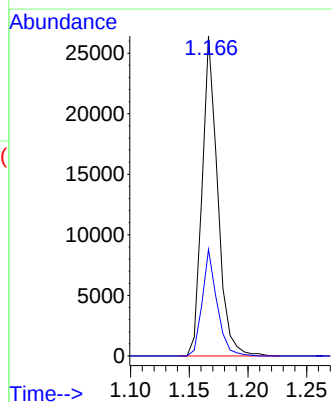
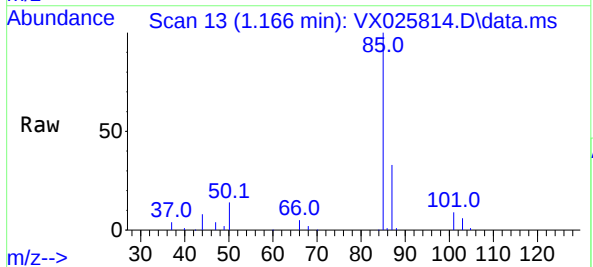
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#2
Dichlorodifluoromethane
Concen: 24.671 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

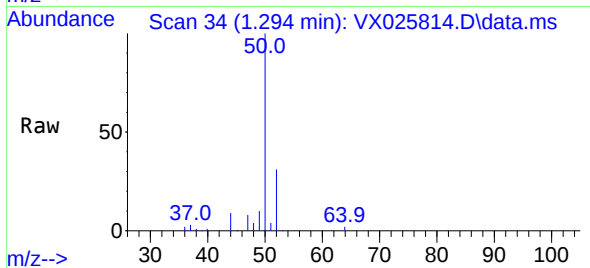
Tgt Ion: 85 Resp: 24335
Ion Ratio Lower Upper
85 100
87 33.3 17.0 50.9





#3
Chloromethane
Concen: 21.841 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

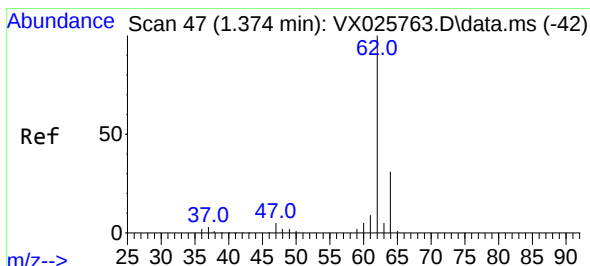
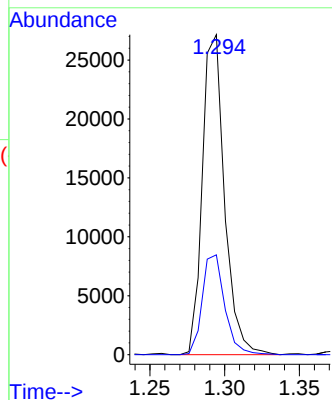
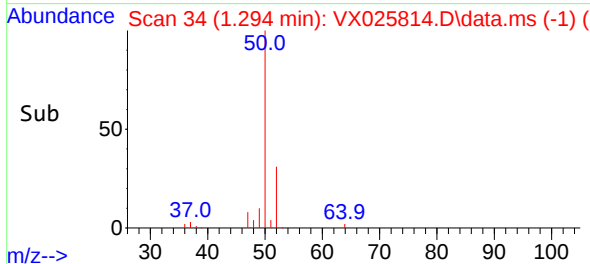
Instrument :
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ClientSampleId :
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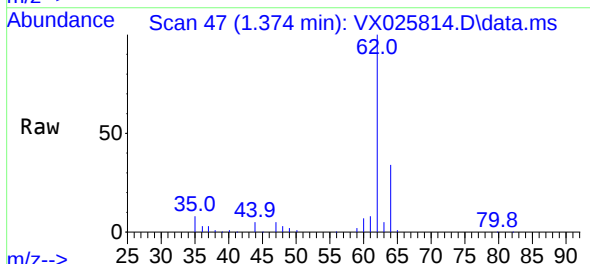
Tgt Ion: 50 Resp: 28052
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.0

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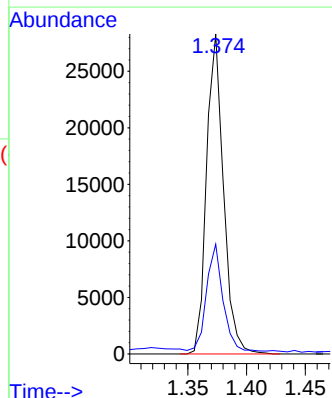
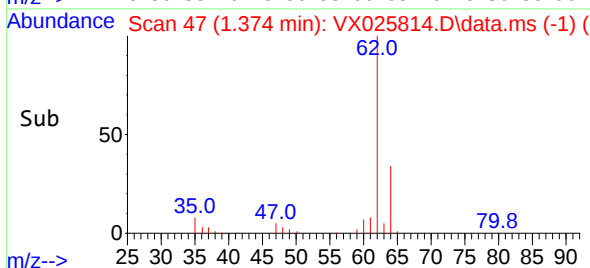
Reviewed By :John Carlone 12/16/2021
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#4
Vinyl Chloride
Concen: 20.776 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



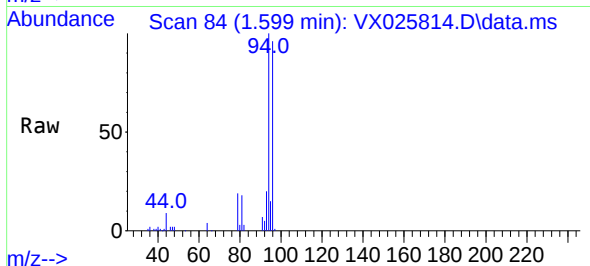
Tgt Ion: 62 Resp: 28384
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.2





#5
Bromomethane
Concen: 21.008 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

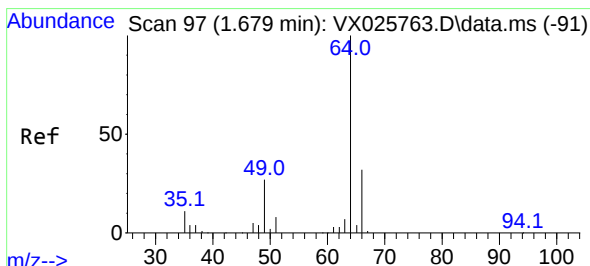
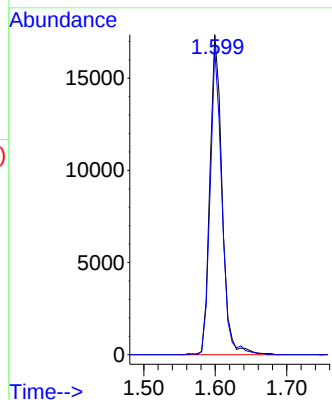
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 94 Resp: 2049
Ion Ratio Lower Upper
94 100
96 95.7 75.0 112.4

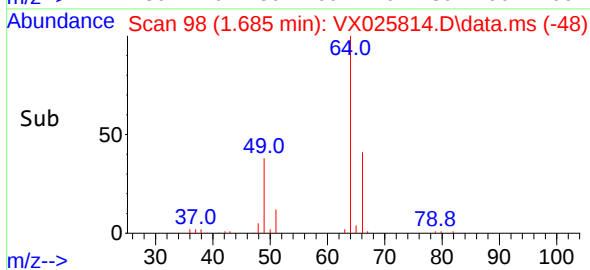
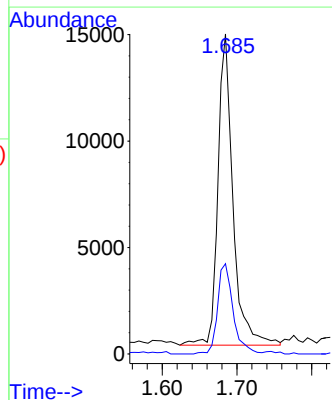
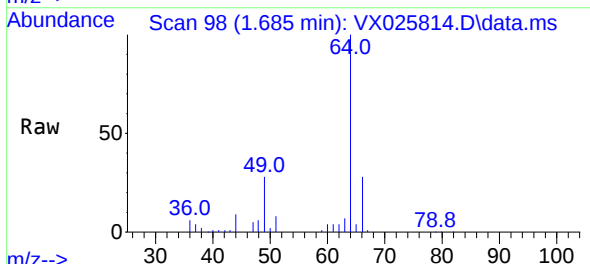
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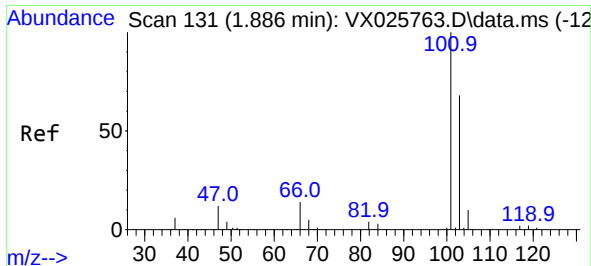
Reviewed By :John Carlone 12/16/2021
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#6
Chloroethane
Concen: 20.682 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

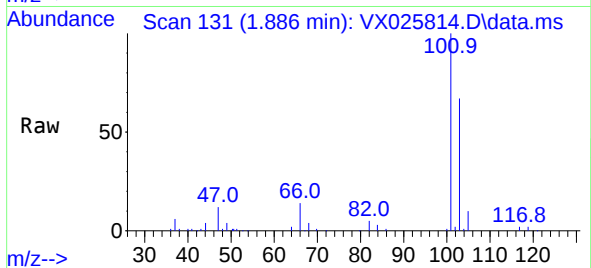
Tgt Ion: 64 Resp: 20465
Ion Ratio Lower Upper
64 100
66 29.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 20.643 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

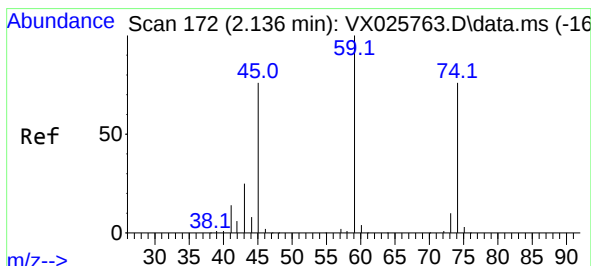
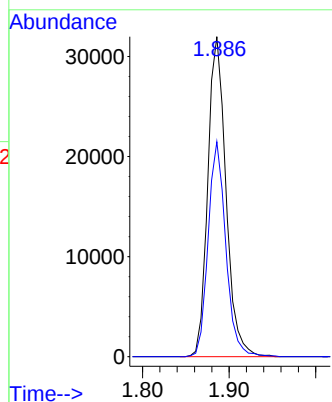
Instrument :
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Tgt Ion:101 Resp: 4658
Ion Ratio Lower Upper
101 100
103 67.2 54.1 81.1

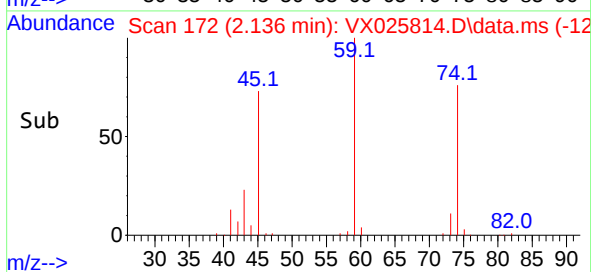
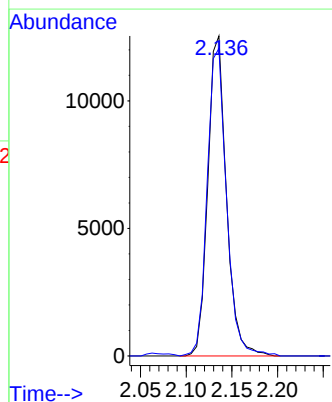
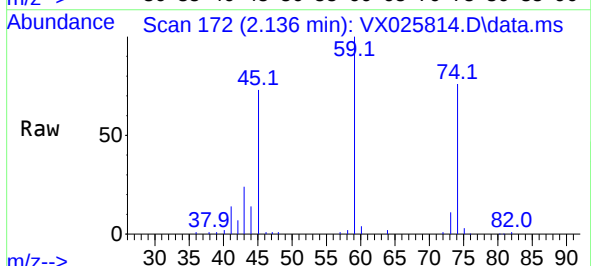
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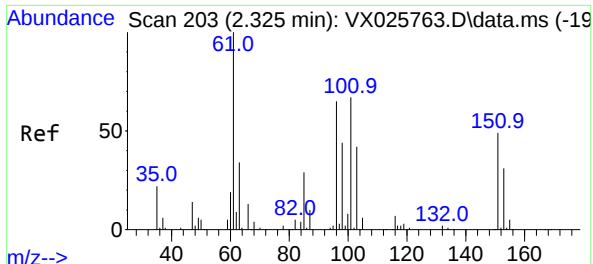
Reviewed By :John Carlone 12/16/2021
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#8
Diethyl Ether
Concen: 19.942 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 74 Resp: 17752
Ion Ratio Lower Upper
74 100
45 100.3 50.4 151.2





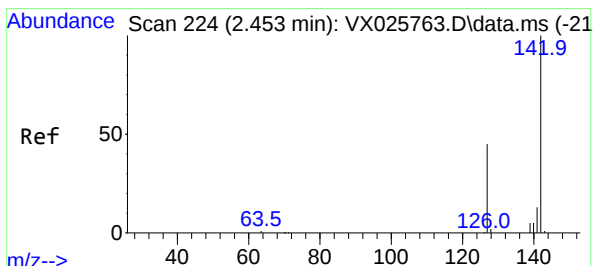
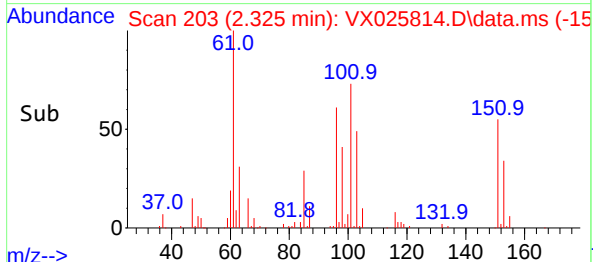
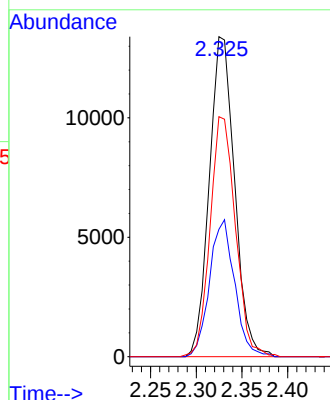
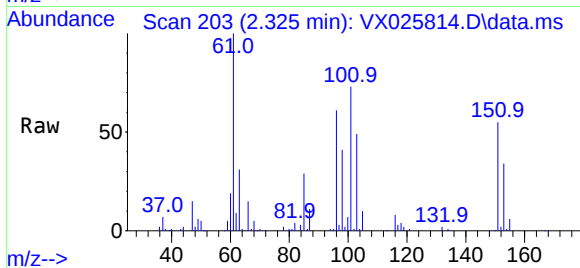
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.967 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025814.D
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Tgt Ion:101 Resp: 25790
Ion Ratio Lower Upper
101 100
85 42.4 36.5 54.7
151 75.0 60.6 90.8

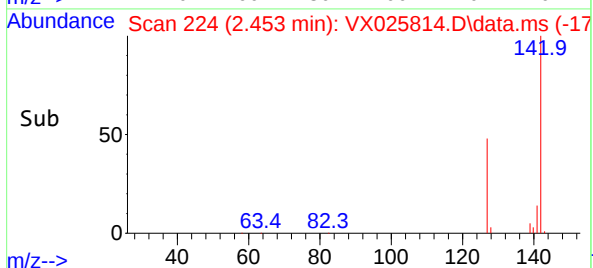
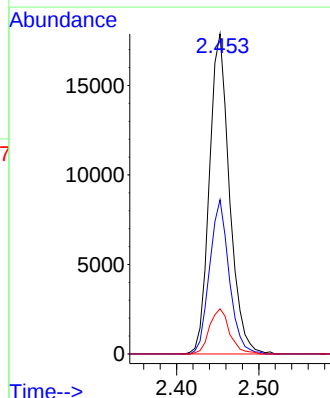
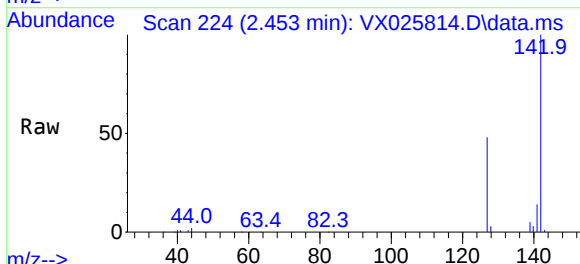
Manual Integrations
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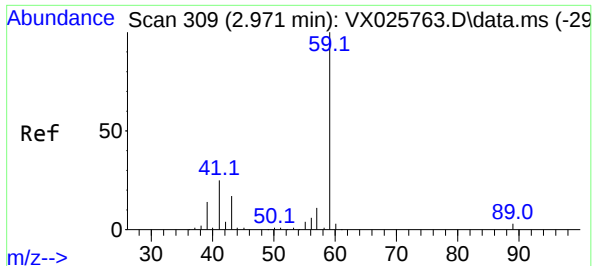
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 20.287 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:142 Resp: 30355
Ion Ratio Lower Upper
142 100
127 47.0 37.5 56.3
141 14.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 91.297 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 59 Resp: 29062

Ion Ratio Lower Upper

59 100

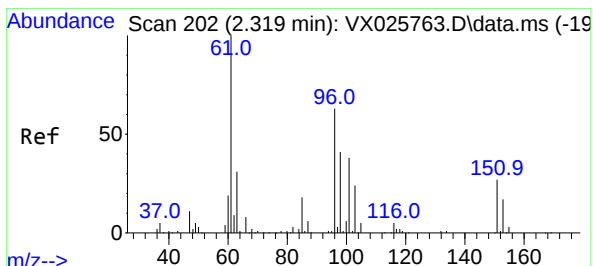
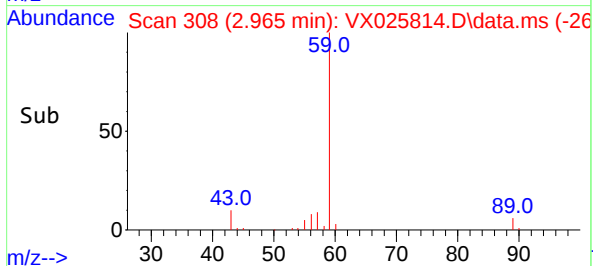
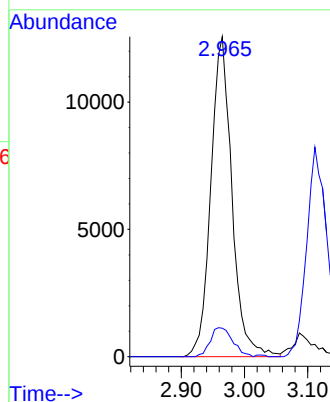
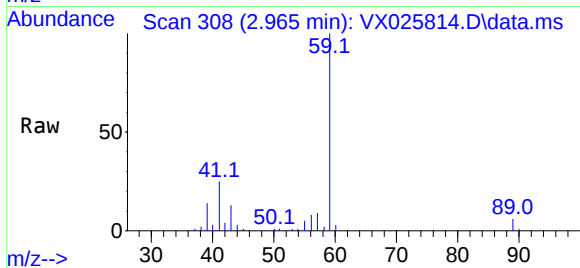
57 9.7 8.2 12.2

Manual Integrations

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Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#12

1,1-Dichloroethene

Concen: 20.207 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

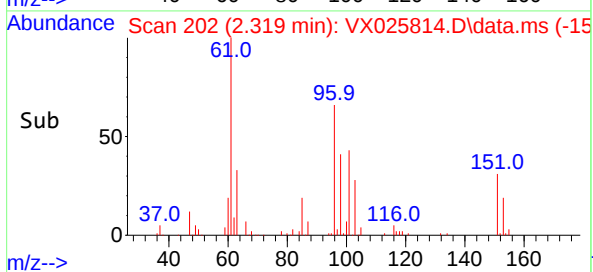
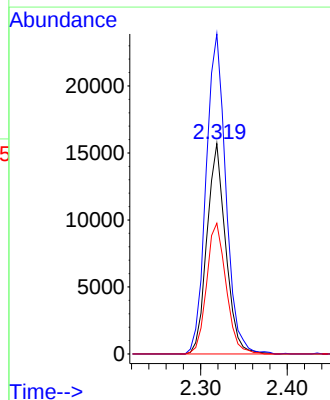
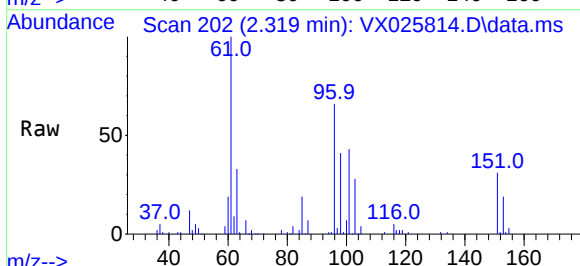
Tgt Ion: 96 Resp: 23593

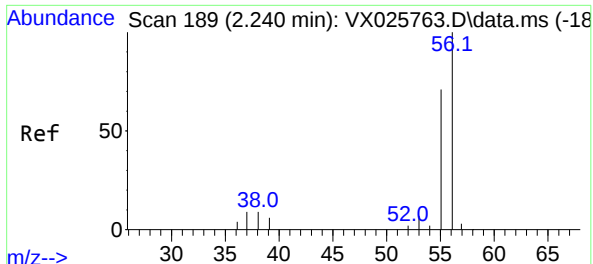
Ion Ratio Lower Upper

96 100

61 152.1 127.5 191.3

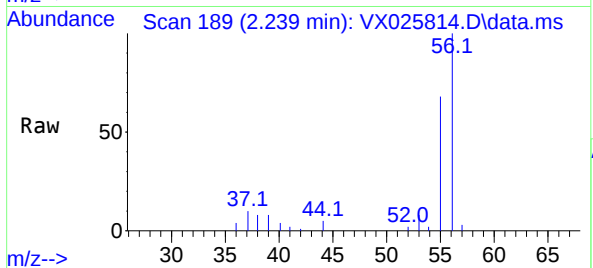
98 62.1 52.0 78.0





#13
Acrolein
Concen: 82.856 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

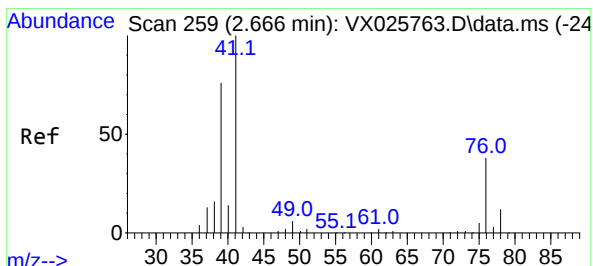
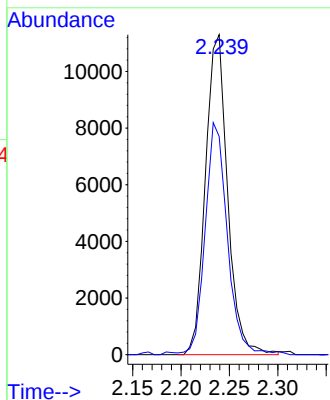
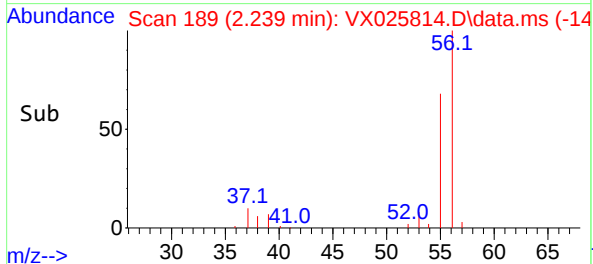
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



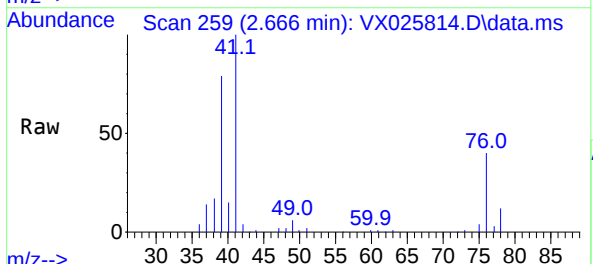
Tgt Ion: 56 Resp: 18028
Ion Ratio Lower Upper
56 100
55 73.1 57.4 86.2

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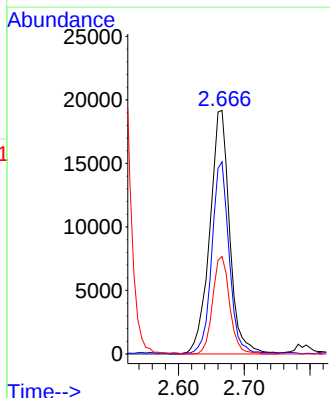
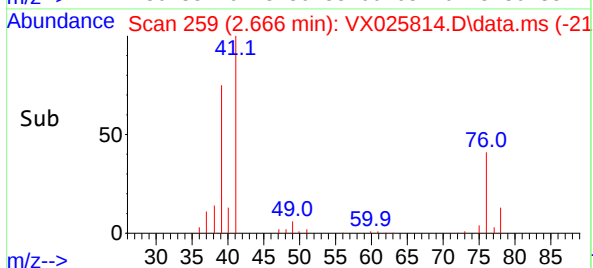
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

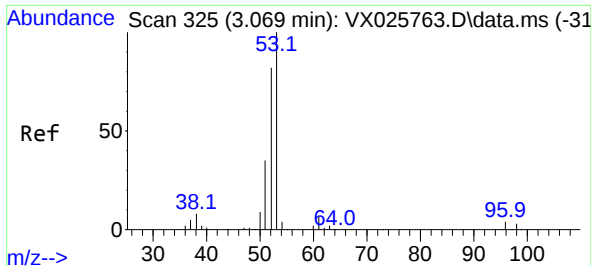


#14
Allyl chloride
Concen: 18.955 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



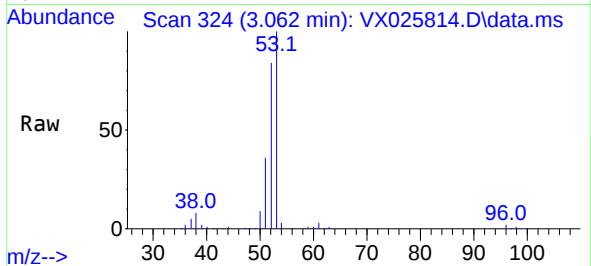
Tgt Ion: 41 Resp: 40391
Ion Ratio Lower Upper
41 100
39 69.1 55.4 83.0
76 34.1 27.6 41.4





#15
Acrylonitrile
Concen: 100.390 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

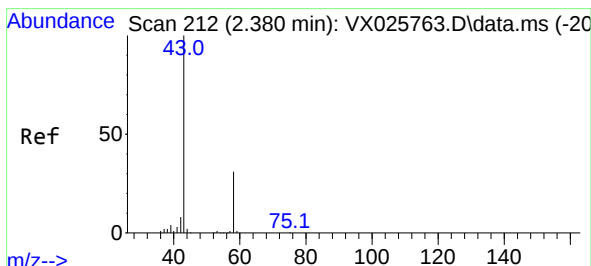
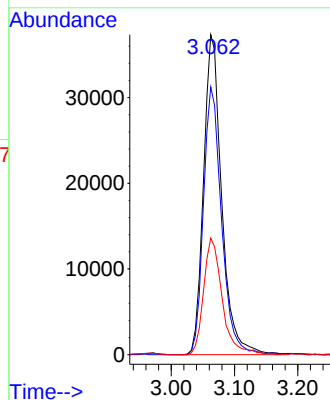
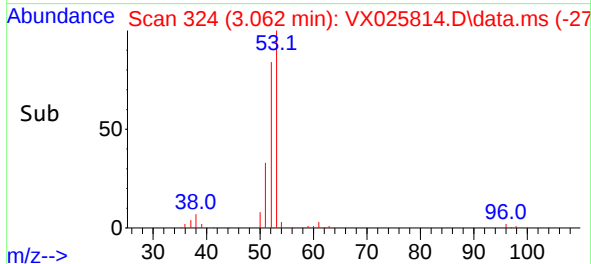
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 53 Resp: 74602
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.4 29.4 44.0

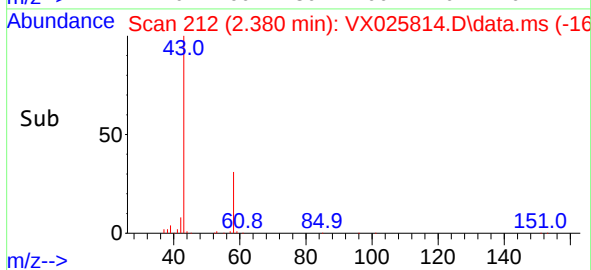
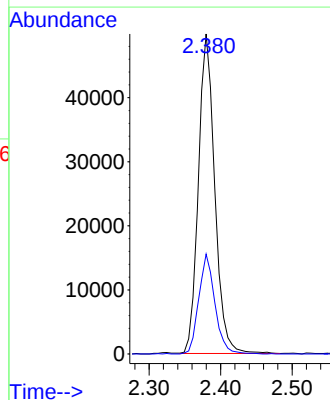
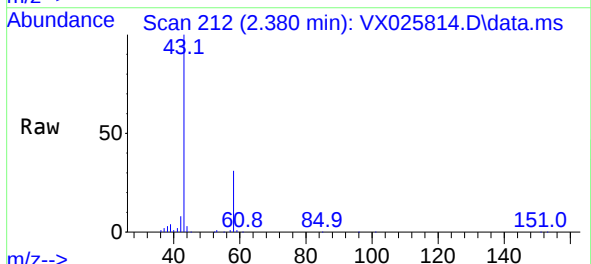
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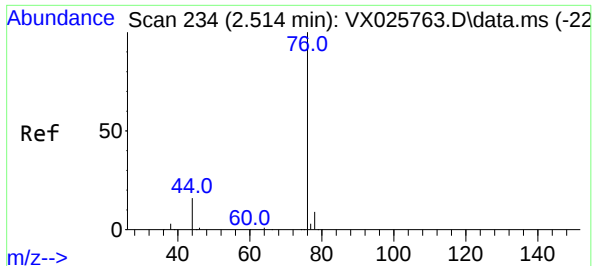
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 103.138 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

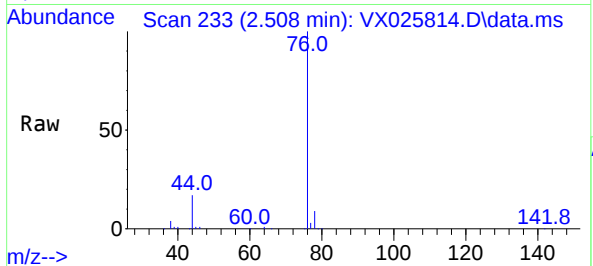
Tgt Ion: 43 Resp: 79273
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#17
Carbon Disulfide
Concen: 17.708 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

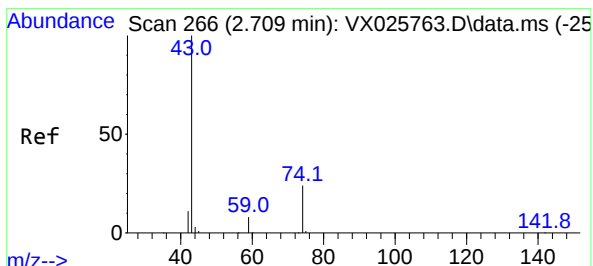
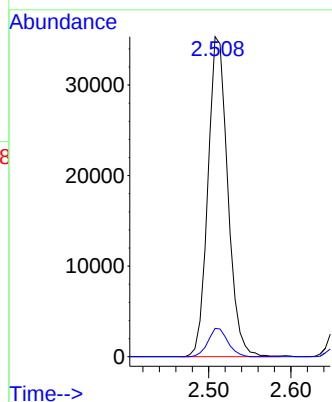
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 76 Resp: 5922
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

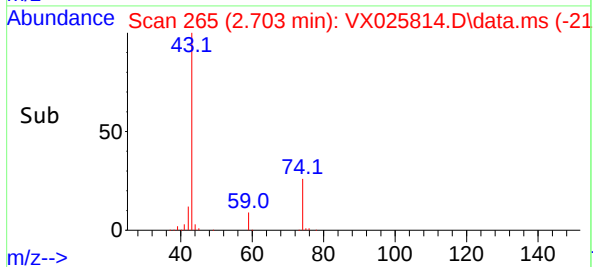
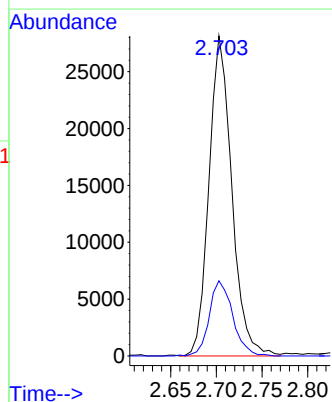
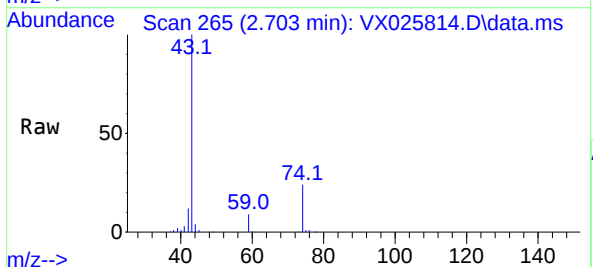
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 20.187 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 43 Resp: 48825
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7





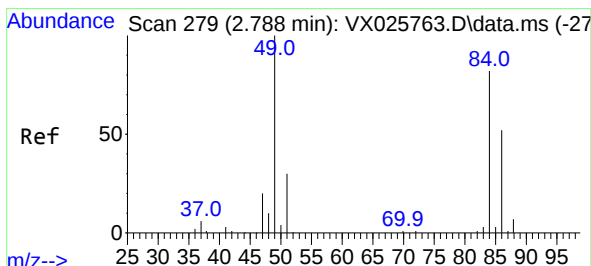
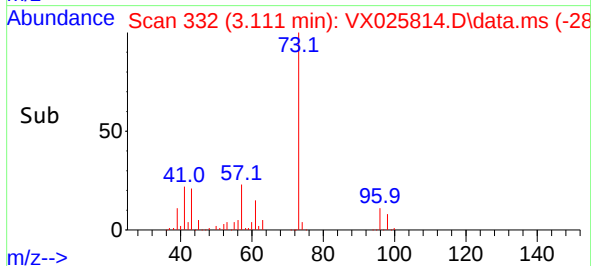
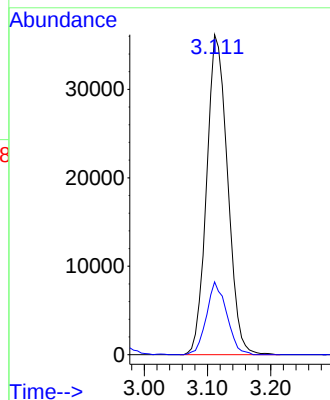
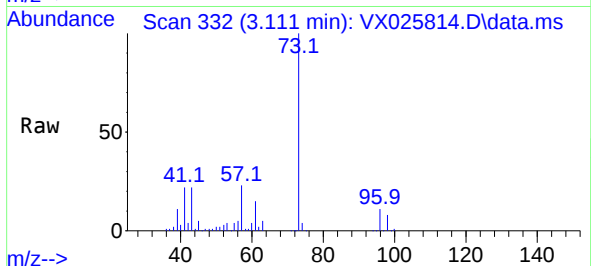
#19
Methyl tert-butyl Ether
Concen: 20.204 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 73 Resp: 83319
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6

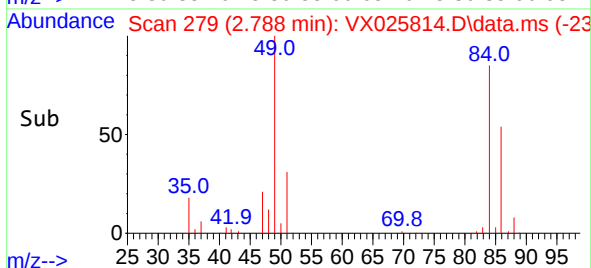
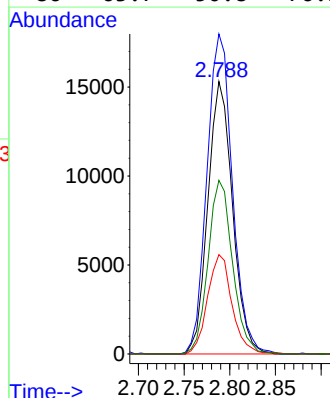
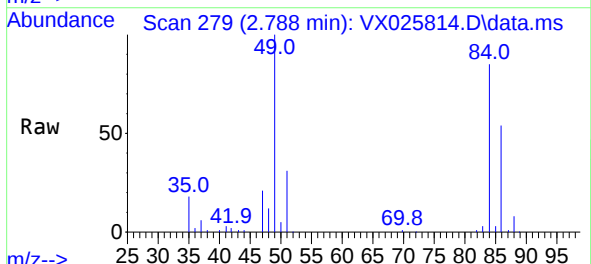
Manual Integrations
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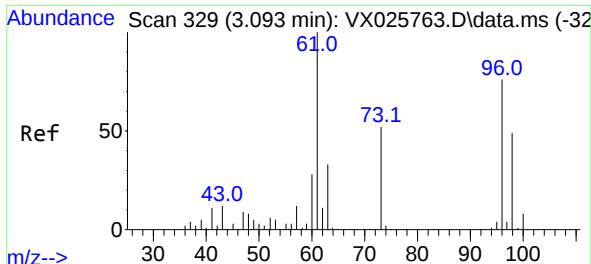
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 19.705 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

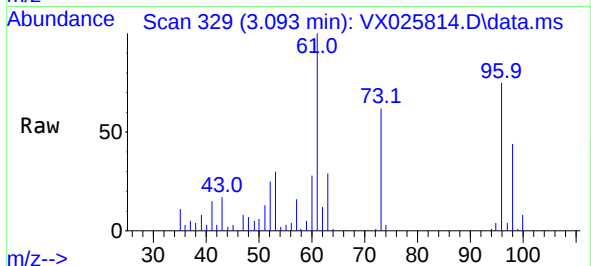
Tgt Ion: 84 Resp: 28735
Ion Ratio Lower Upper
84 100
49 117.4 97.1 145.7
51 36.5 29.3 43.9
86 63.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 20.265 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

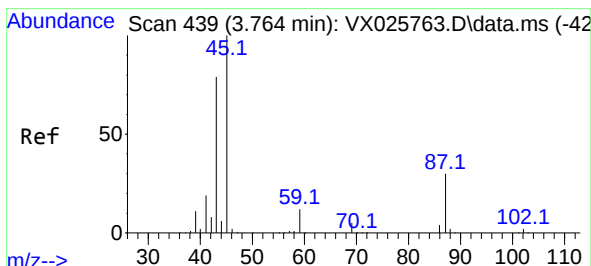
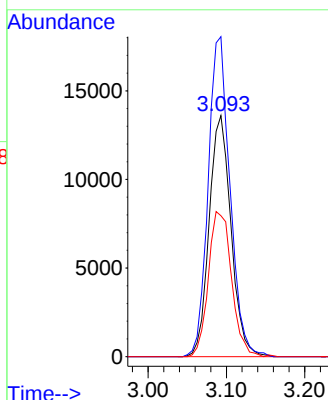
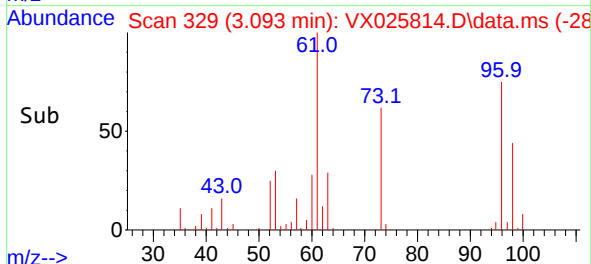
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



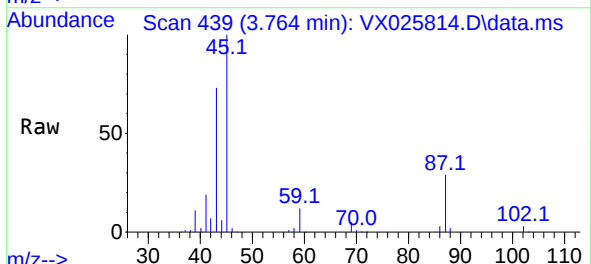
Tgt Ion: 96 Resp: 26400
Ion Ratio Lower Upper
96 100
61 132.8 105.7 158.5
98 58.5 52.1 78.1

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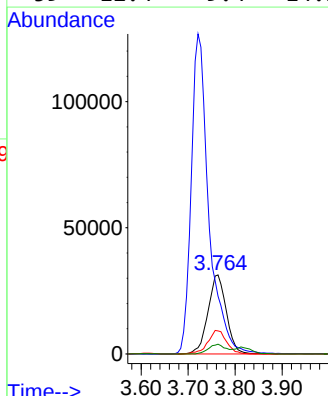
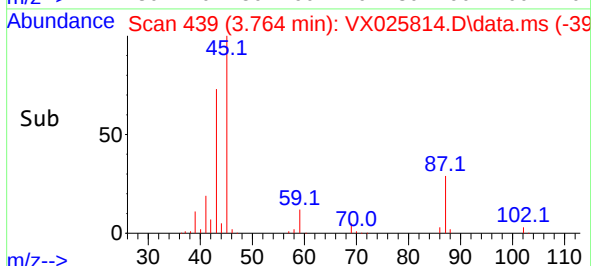
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

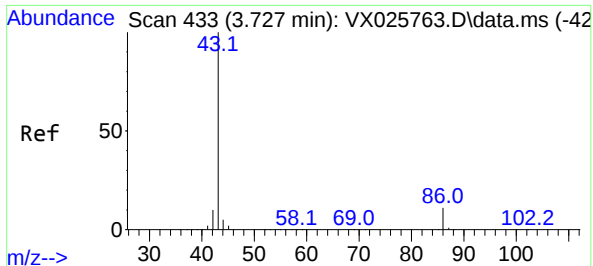


#22
Diisopropyl ether
Concen: 20.518 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion: 45 Resp: 84809
Ion Ratio Lower Upper
45 100
43 72.3 63.8 95.6
87 29.1 24.2 36.4
59 12.4 9.4 14.2





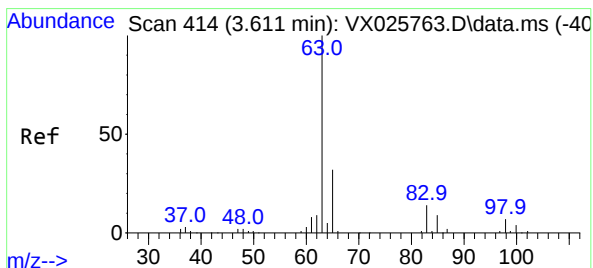
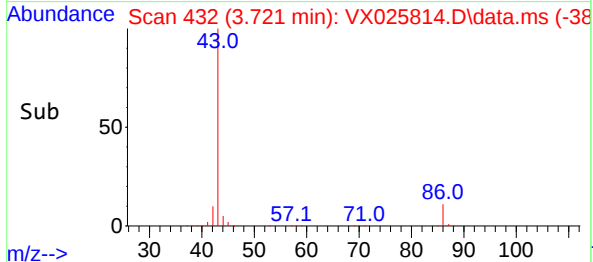
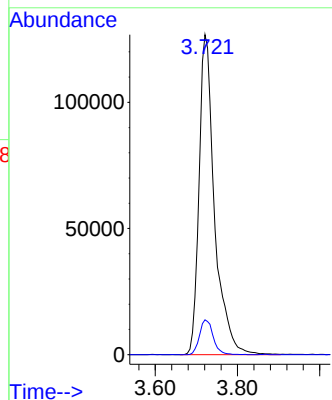
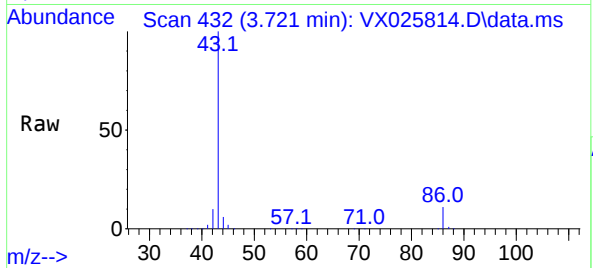
#23
 Vinyl Acetate
 Concen: 103.670 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX025814.D
 Acq: 15 Dec 2021 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Tgt Ion: 43 Resp: 33160
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6

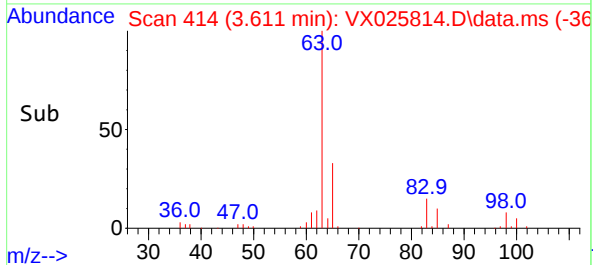
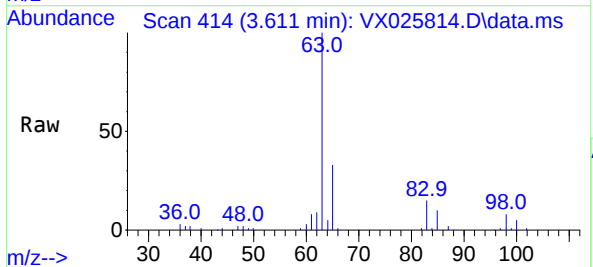
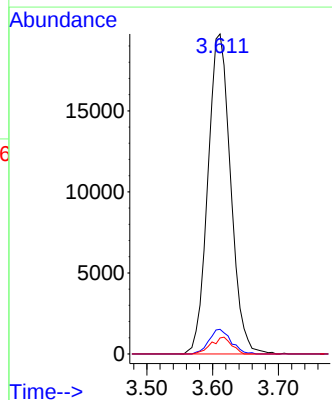
Manual Integrations
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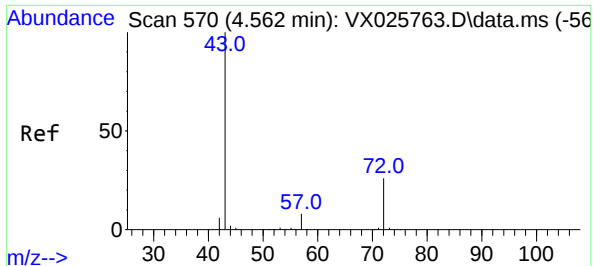
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 20.141 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025814.D
 Acq: 15 Dec 2021 15:05

Tgt Ion: 63 Resp: 47535
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 105.089 ug/l

RT: 4.556 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 43 Resp: 11216

Ion Ratio Lower Upper

43 100

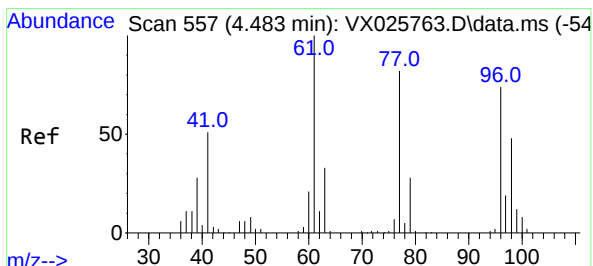
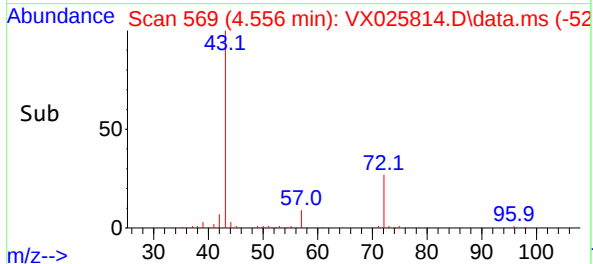
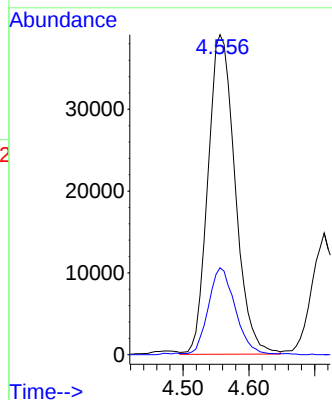
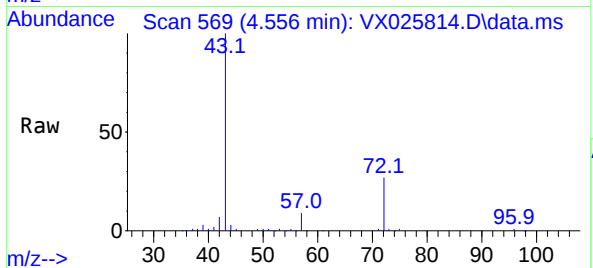
72 27.1 21.0 31.4

Manual Integrations

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Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 18.011 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX025814.D

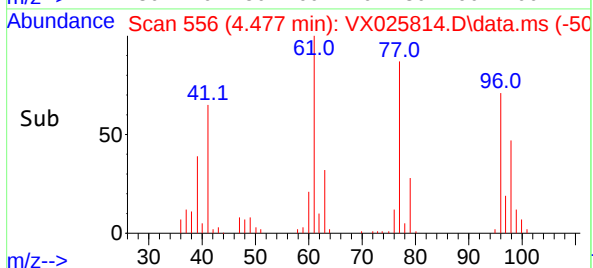
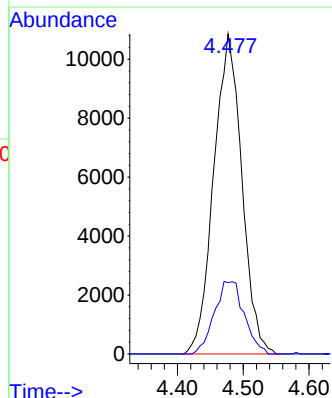
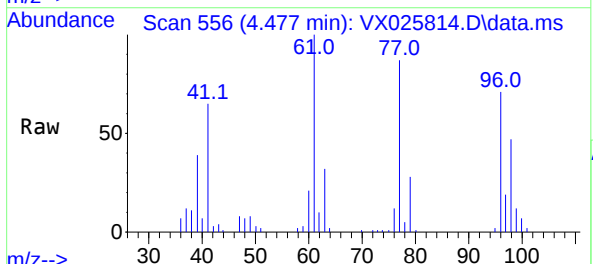
Acq: 15 Dec 2021 15:05

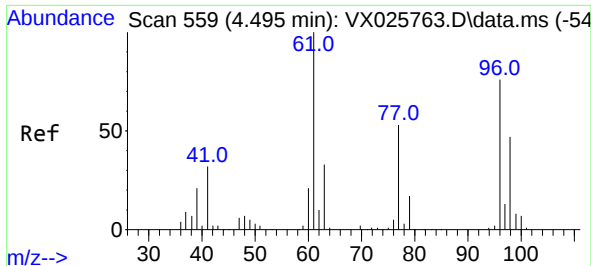
Tgt Ion: 77 Resp: 32242

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.355 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 96 Resp: 31450

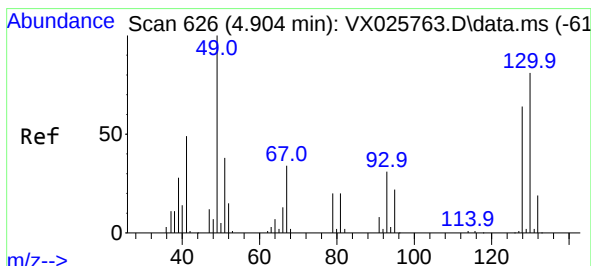
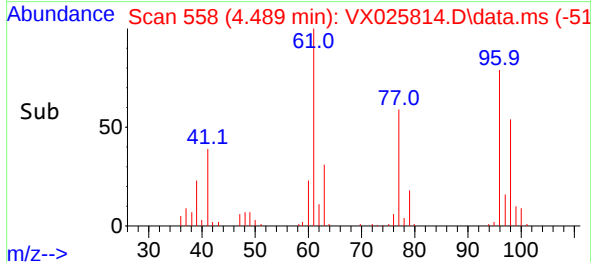
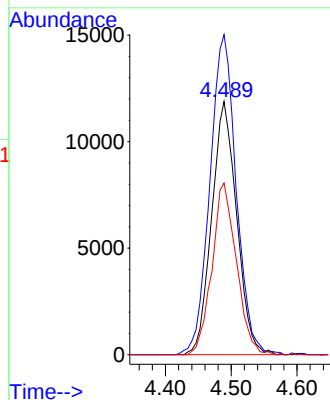
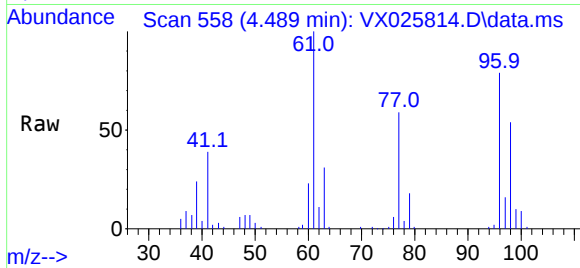
Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	276.8
98	66.2	0.0	130.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#28

Bromochloromethane

Concen: 18.416 ug/l

RT: 4.897 min Scan# 625

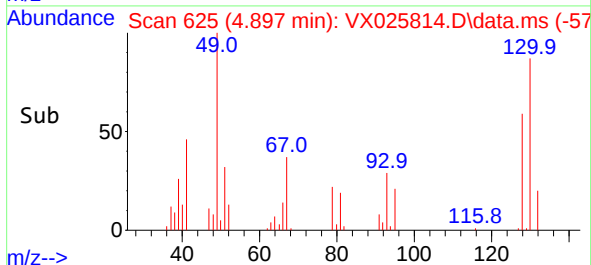
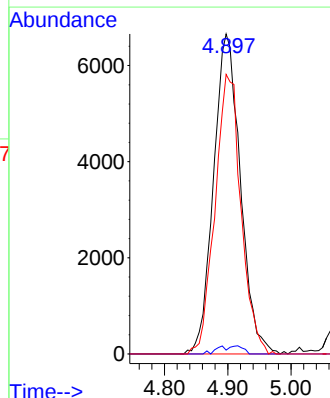
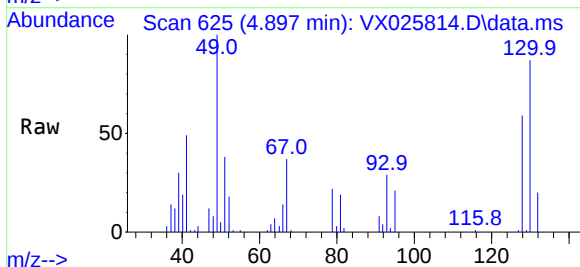
Delta R.T. -0.006 min

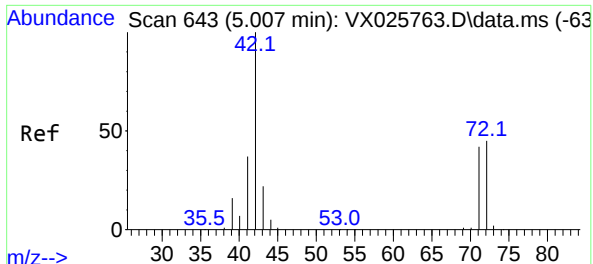
Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Tgt Ion: 49 Resp: 19587

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	84.6	67.1	100.7





#29

Tetrahydrofuran

Concen: 100.467 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 42 Resp: 68170

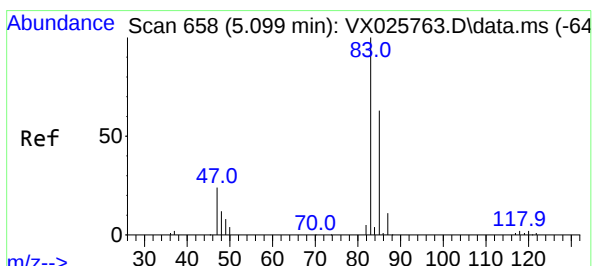
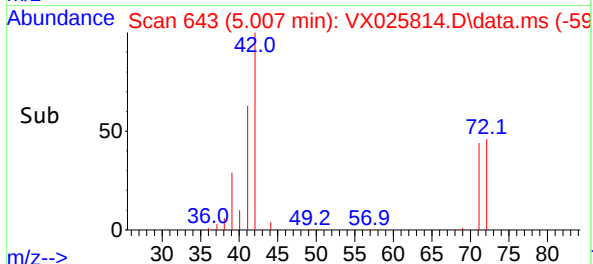
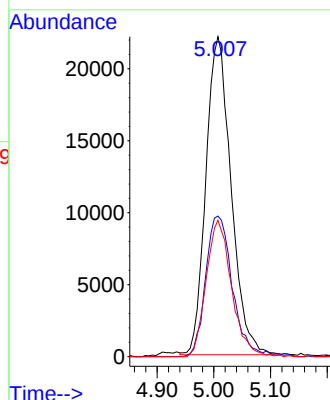
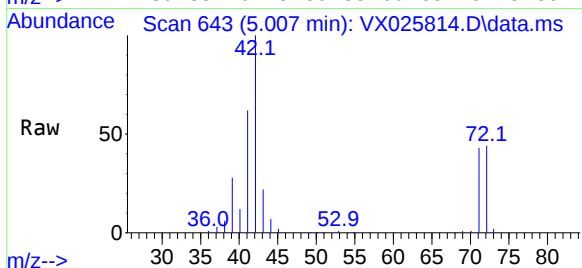
Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.0	55.6
71	43.2	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 19.871 ug/l

RT: 5.093 min Scan# 657

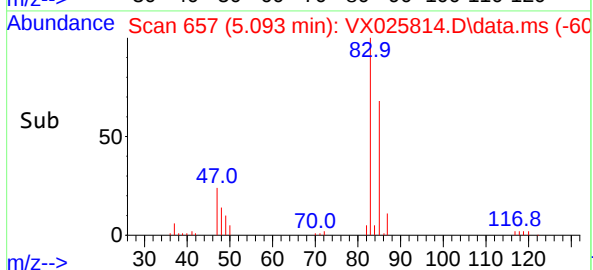
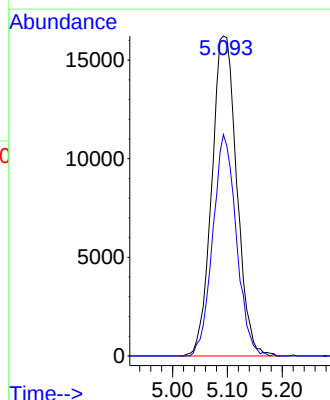
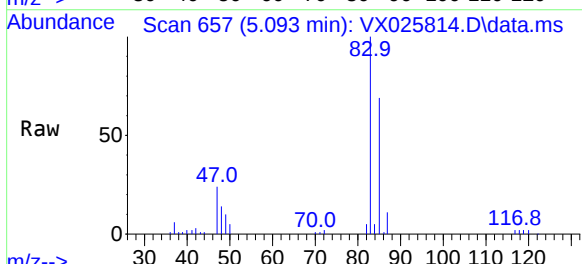
Delta R.T. -0.006 min

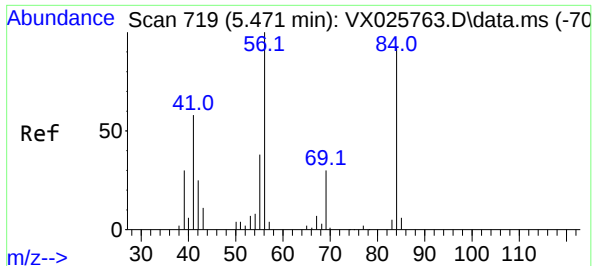
Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Tgt Ion: 83 Resp: 51436

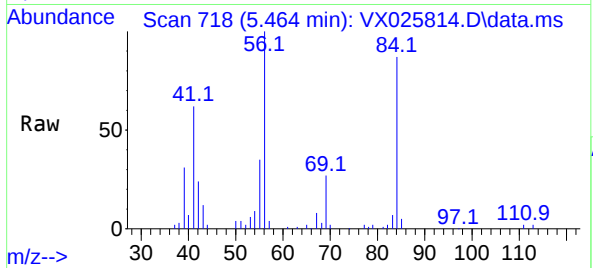
Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.6	75.8





#31
Cyclohexane
Concen: 22.191 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

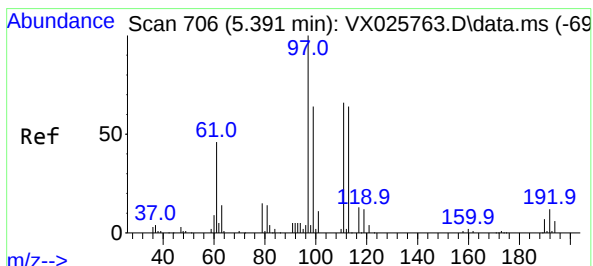
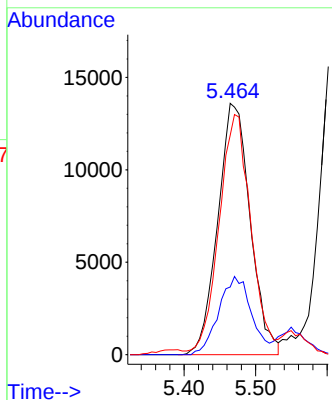
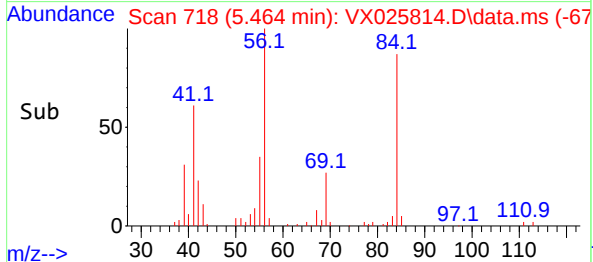
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



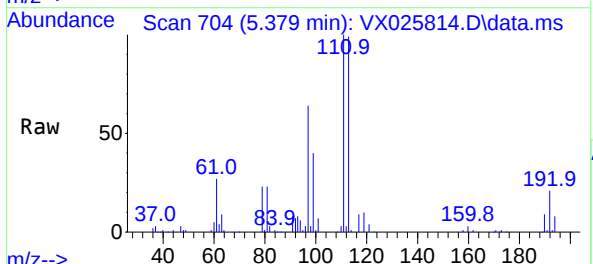
Tgt Ion: 56 Resp: 42824
Ion Ratio Lower Upper
56 100
69 26.9 23.9 35.9
84 85.3 73.2 109.8

Manual Integrations
APPROVED

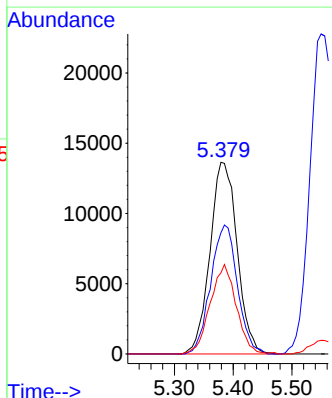
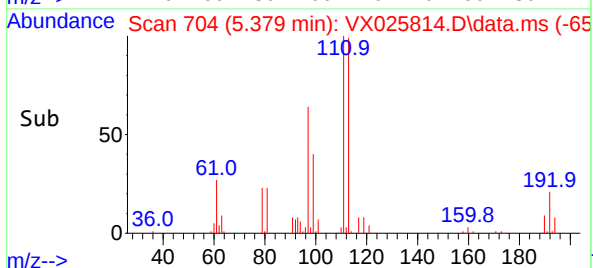
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

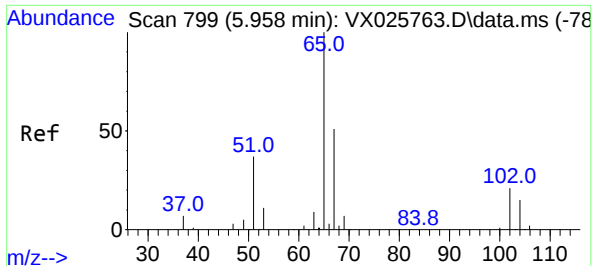


#32
1,1,1-Trichloroethane
Concen: 19.436 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion: 97 Resp: 43787
Ion Ratio Lower Upper
97 100
99 66.2 51.5 77.3
61 44.8 35.5 53.3





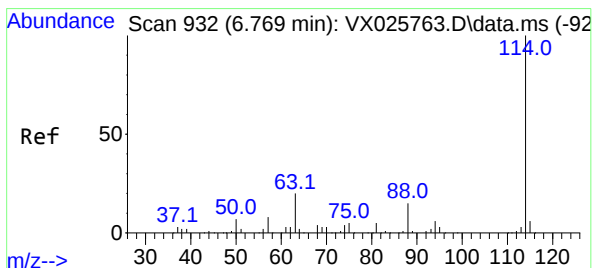
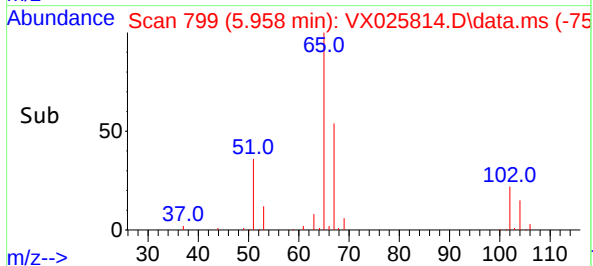
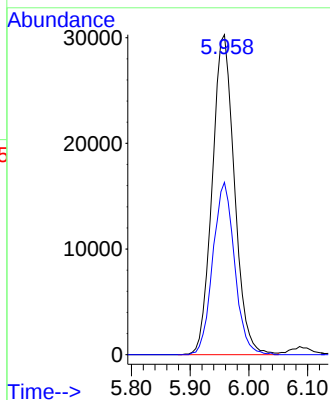
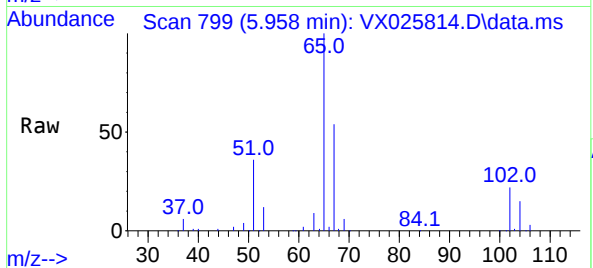
#33
1,2-Dichloroethane-d4
Concen: 50.114 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 65 Resp: 79520
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

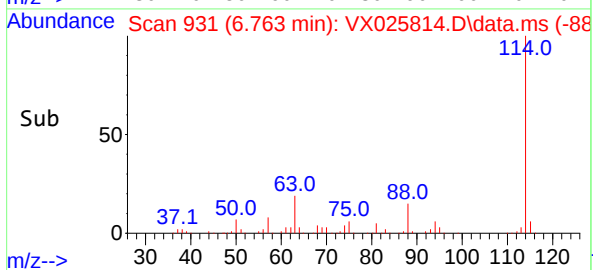
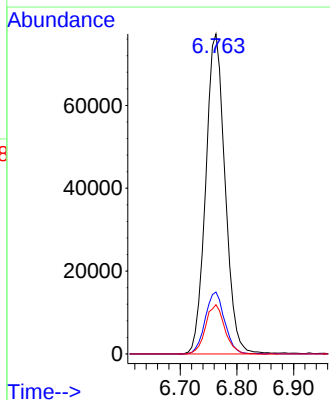
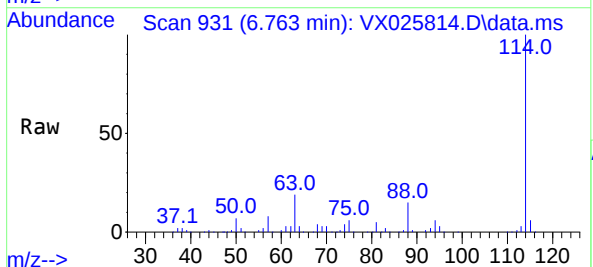
Manual Integrations
APPROVED

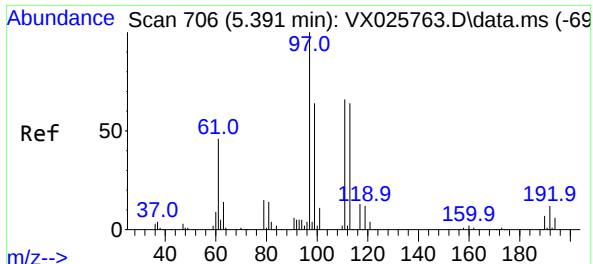
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

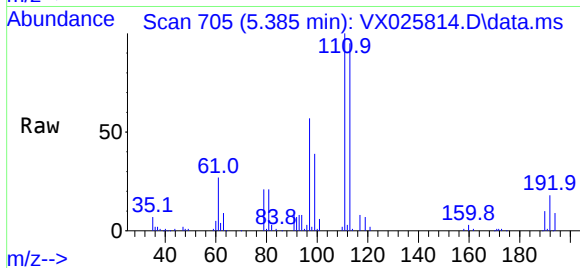
Tgt Ion:114 Resp: 183263
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.099 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

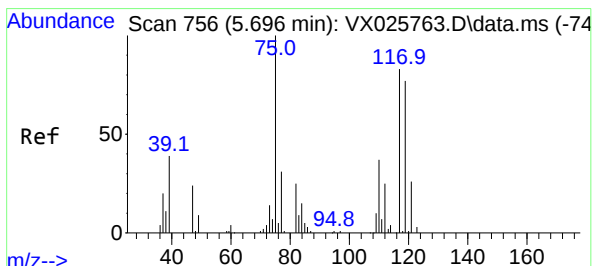
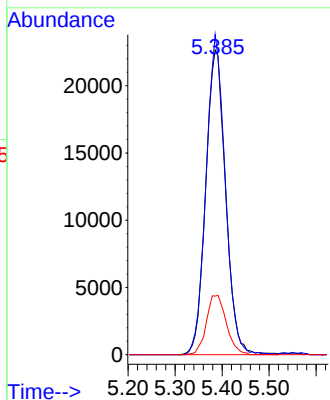
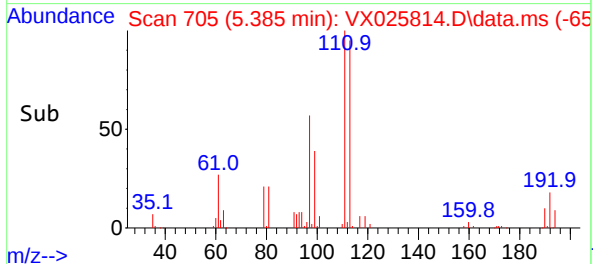
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:113 Resp: 66588
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 19.5 15.0 22.4

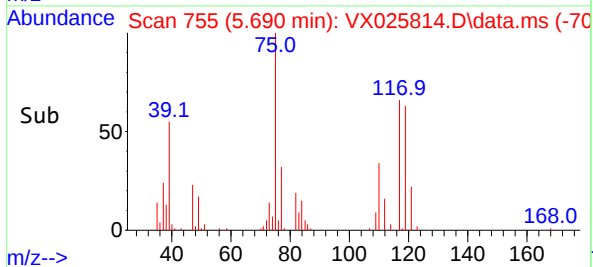
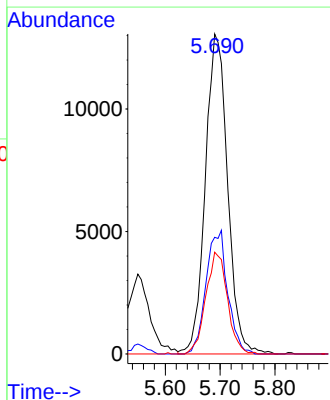
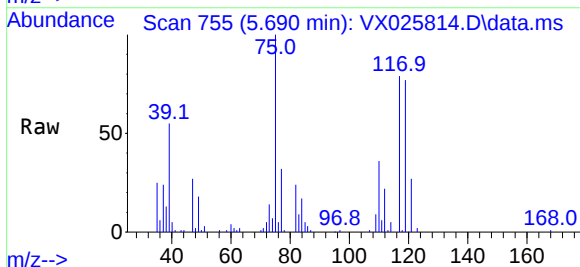
Manual Integrations
APPROVED

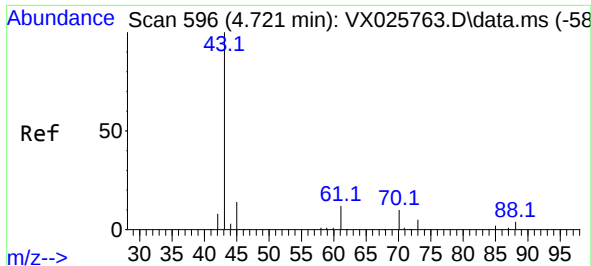
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#36
1,1-Dichloropropene
Concen: 21.276 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 75 Resp: 36877
Ion Ratio Lower Upper
75 100
110 37.5 18.2 54.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.801 ug/l

RT: 4.715 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 43 Resp: 4198

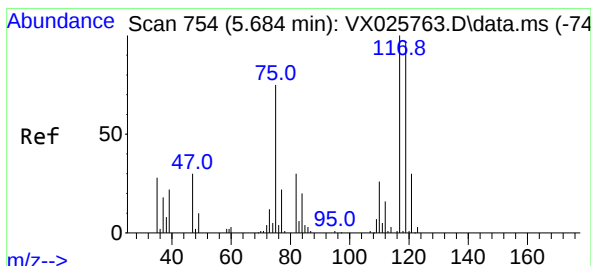
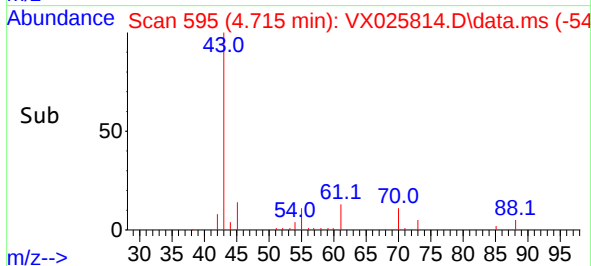
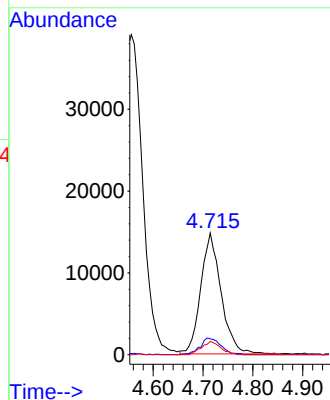
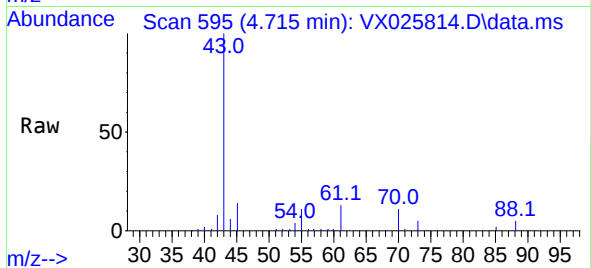
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.1	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 19.231 ug/l

RT: 5.678 min Scan# 753

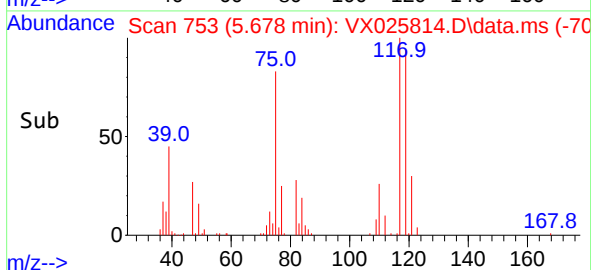
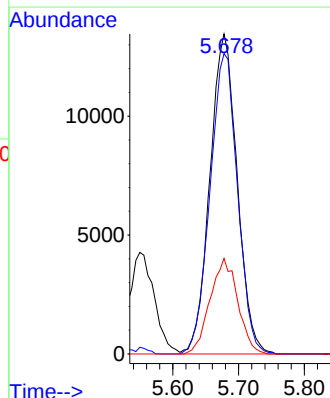
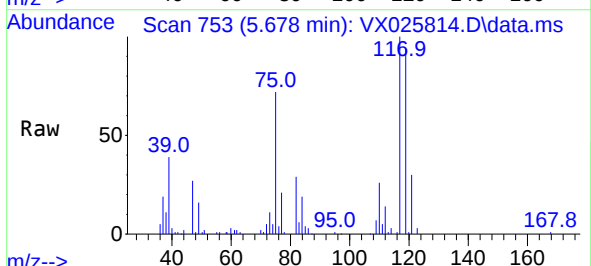
Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Tgt Ion:117 Resp: 38783

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.2	115.8
121	29.8	23.8	35.8





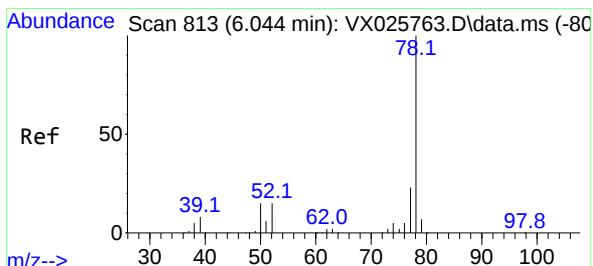
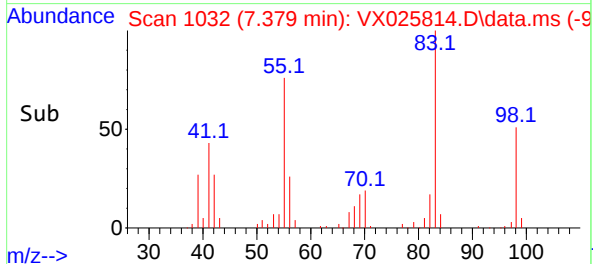
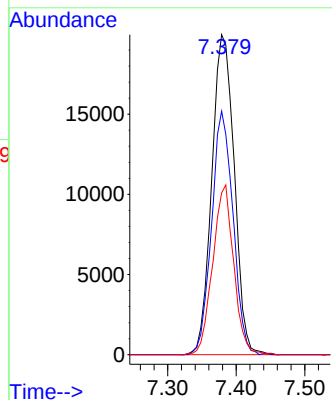
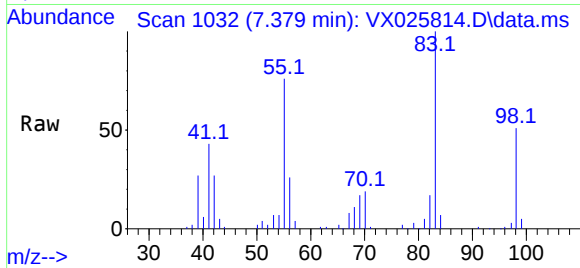
#39
Methylcyclohexane
Concen: 23.461 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 83 Resp: 45500
Ion Ratio Lower Upper
83 100
55 76.1 57.8 86.8
98 50.6 40.5 60.7

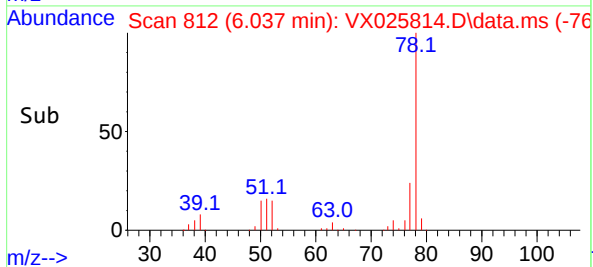
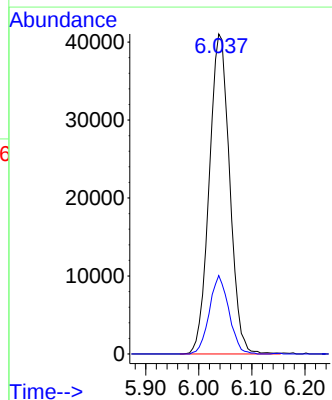
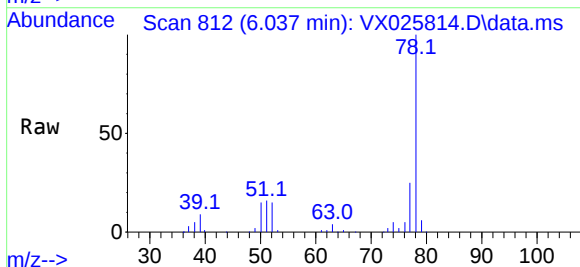
Manual Integrations
APPROVED

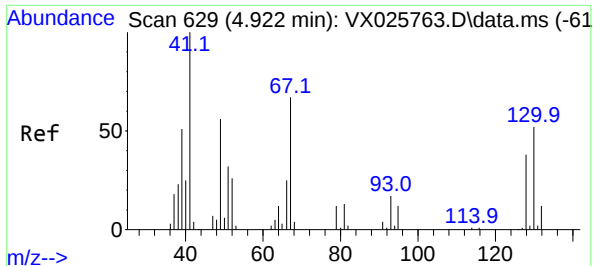
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 21.209 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 78 Resp: 109657
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8





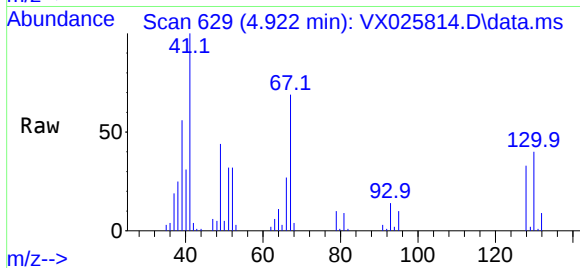
#41
Methacrylonitrile
Concen: 19.976 ug/l
RT: 4.922 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01



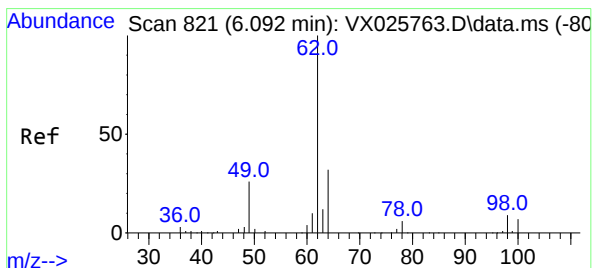
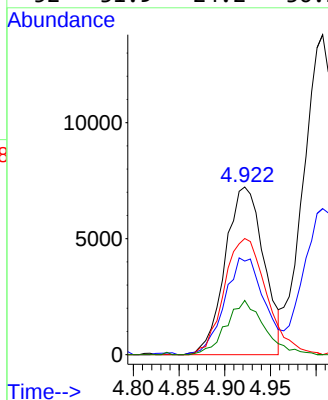
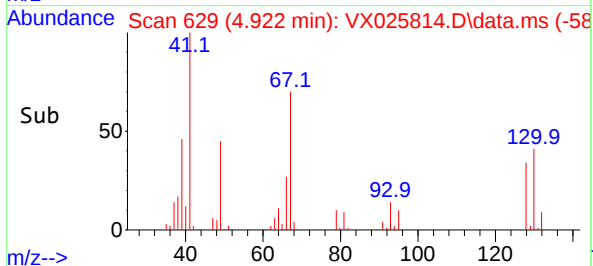
Tgt Ion: 41 Resp: 21289
Ion Ratio Lower Upper
41 100
39 60.4 44.2 66.2
67 76.0 59.7 89.5
52 31.9 24.2 36.2

Manual Integrations

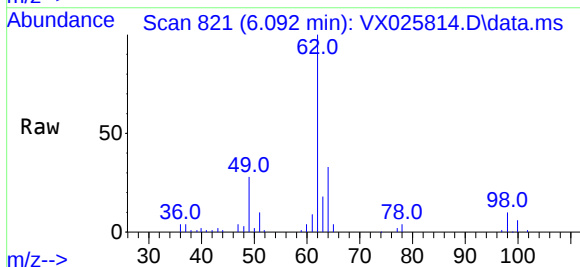
APPROVED

Reviewed By :John Carlone 12/16/2021

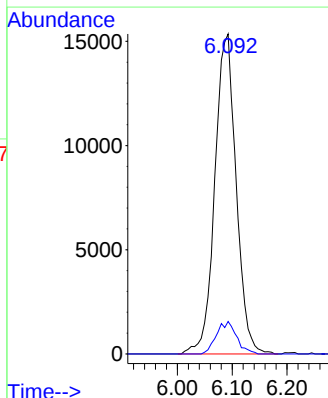
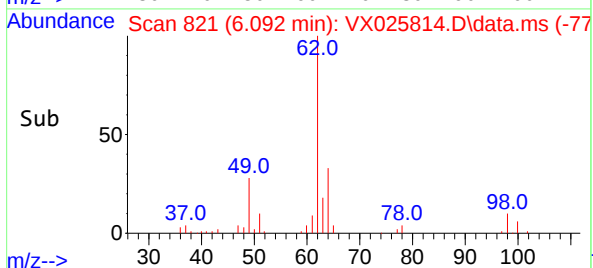
Supervised By :Mahesh Dadoda 12/21/2021

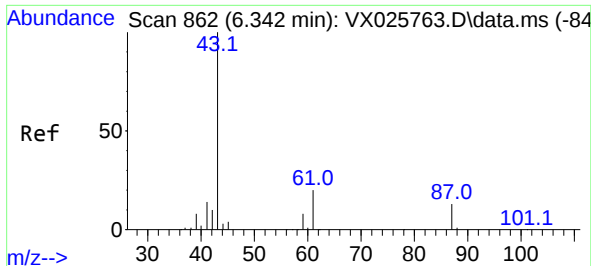


#42
1,2-Dichloroethane
Concen: 21.133 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



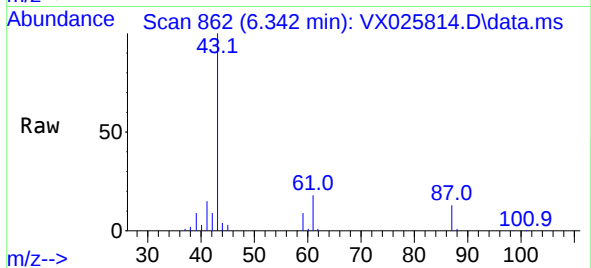
Tgt Ion: 62 Resp: 41527
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8





#43
Isopropyl Acetate
Concen: 19.886 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

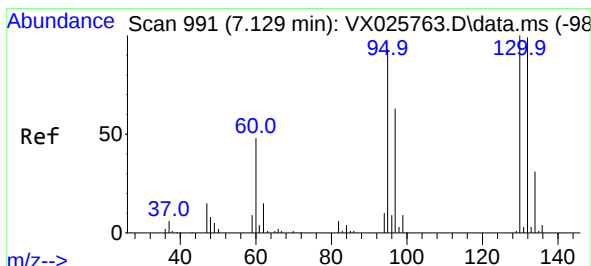
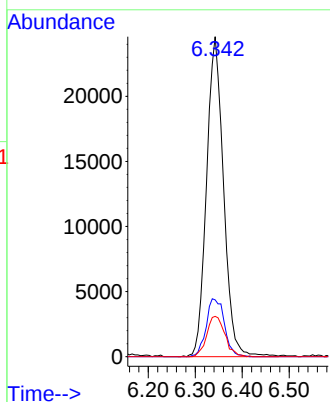
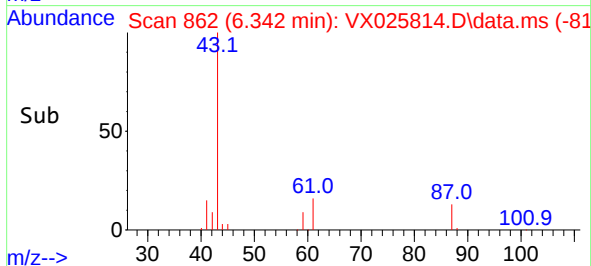
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 43 Resp: 6169
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 13.5 11.2 16.8

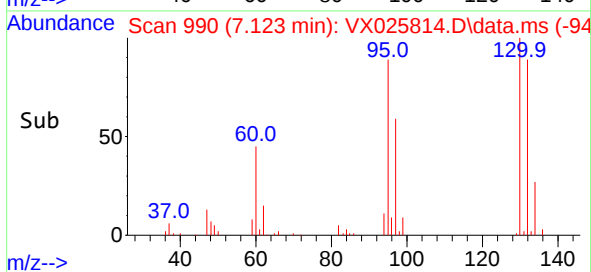
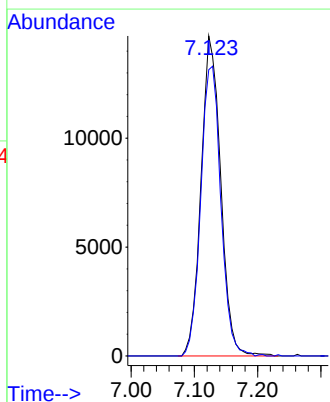
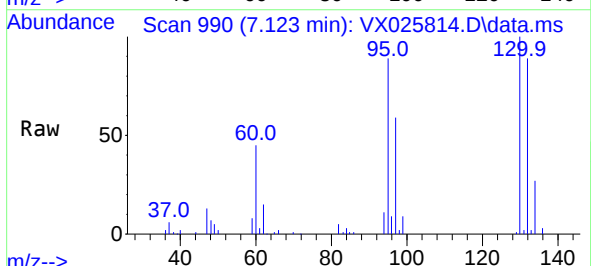
Manual Integrations
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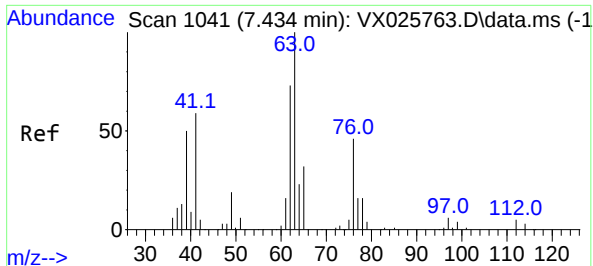
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 22.126 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:130 Resp: 31849
Ion Ratio Lower Upper
130 100
95 89.5 0.0 186.4





#45

1,2-Dichloropropane

Concen: 21.370 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 63 Resp: 2784

Ion Ratio Lower Upper

63 100

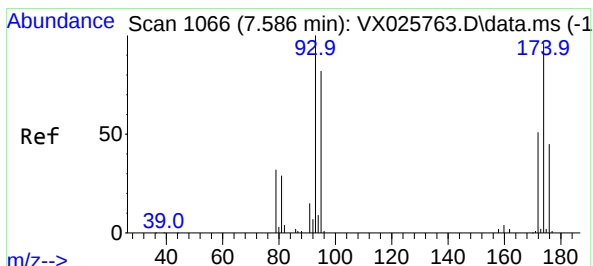
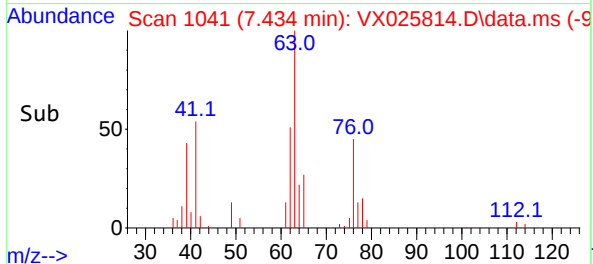
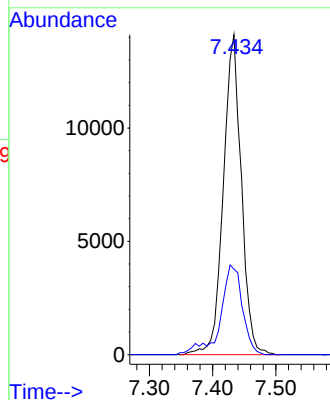
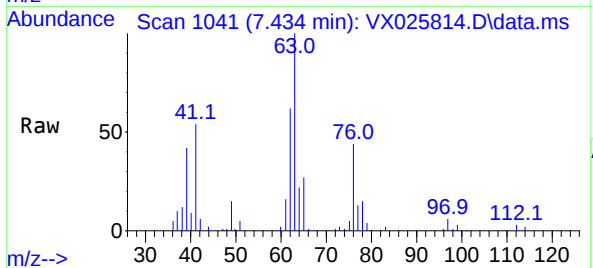
65 26.7 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 20.900 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

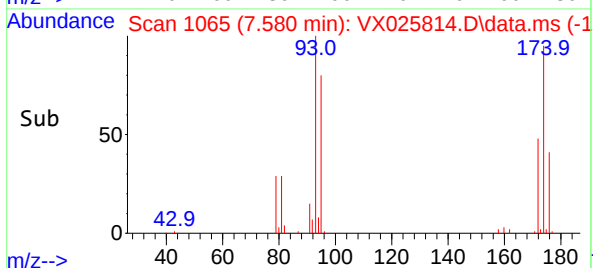
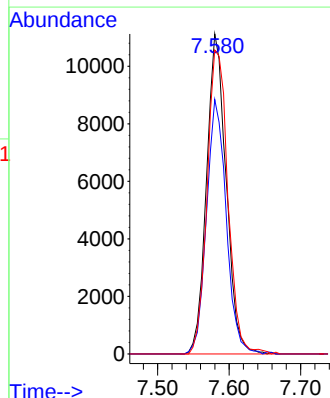
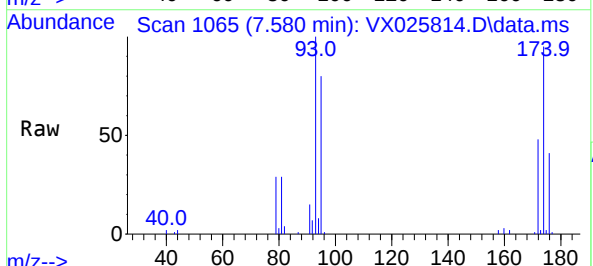
Tgt Ion: 93 Resp: 21204

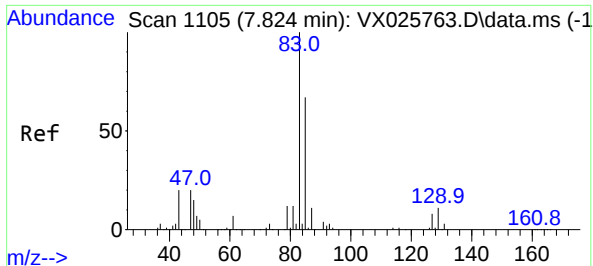
Ion Ratio Lower Upper

93 100

95 79.8 66.6 100.0

174 100.7 77.3 115.9





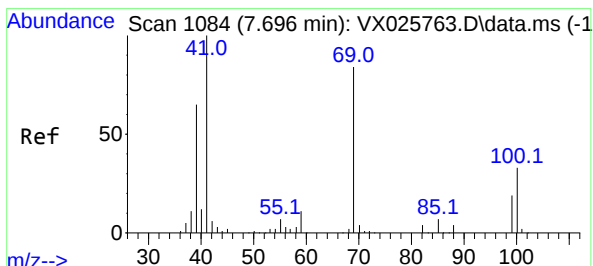
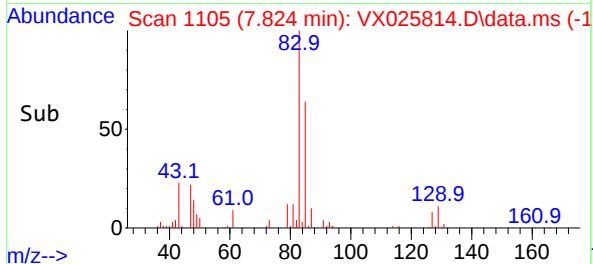
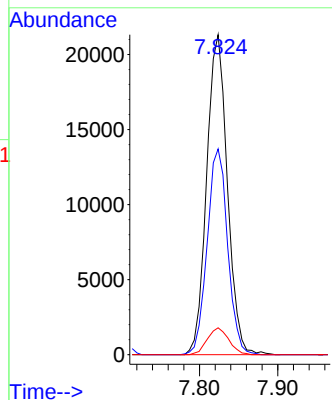
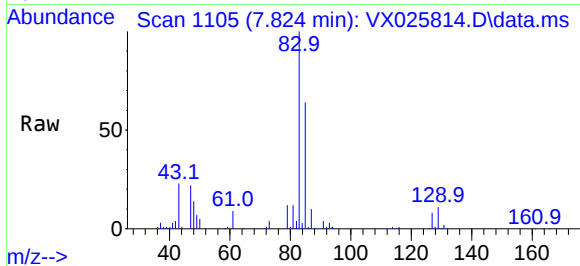
#47
Bromodichloromethane
Concen: 19.549 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 83 Resp: 39089
Ion Ratio Lower Upper
83 100
85 64.3 53.5 80.3
127 8.4 6.6 10.0

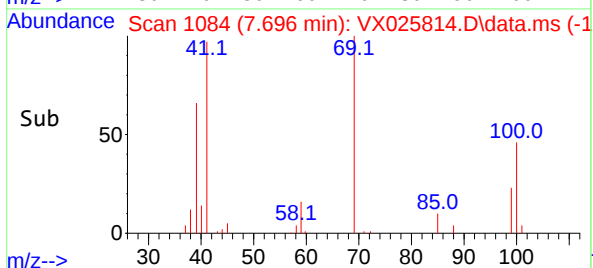
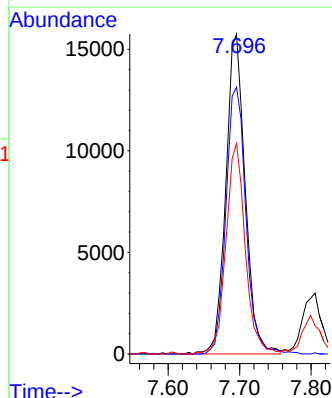
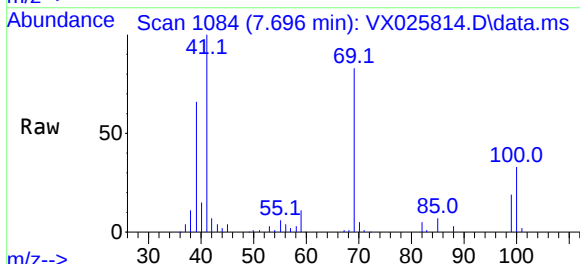
Manual Integrations
APPROVED

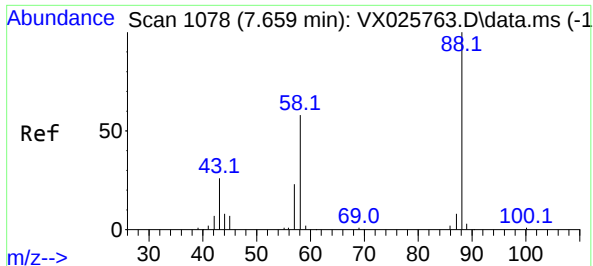
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 20.282 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 41 Resp: 29632
Ion Ratio Lower Upper
41 100
69 86.1 67.3 100.9
39 65.5 50.2 75.2





#49

1,4-Dioxane

Concen: 434.770 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

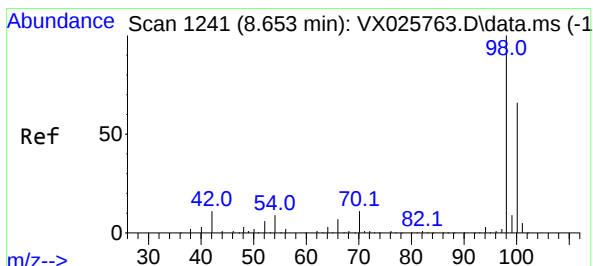
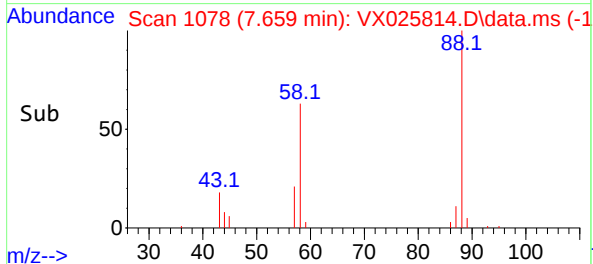
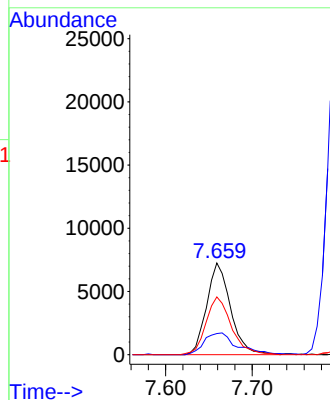
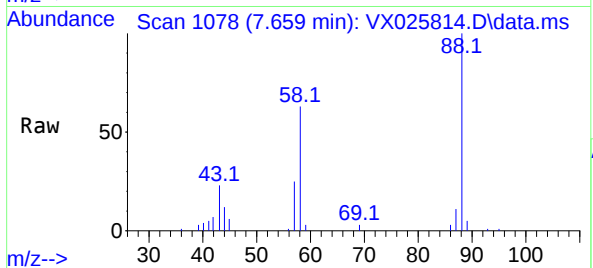
VX1216WBSD01

Tgt Ion: 88 Resp: 1386
 Ion Ratio Lower Upper
 88 100
 43 33.1 25.3 37.9
 58 66.8 51.8 77.6

Manual Integrations

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Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 52.029 ug/l

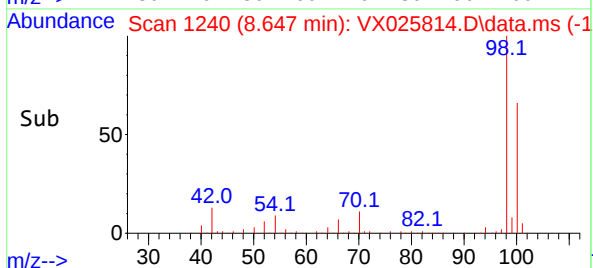
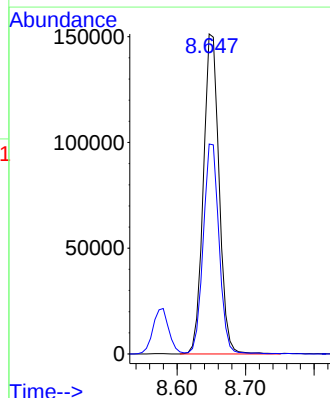
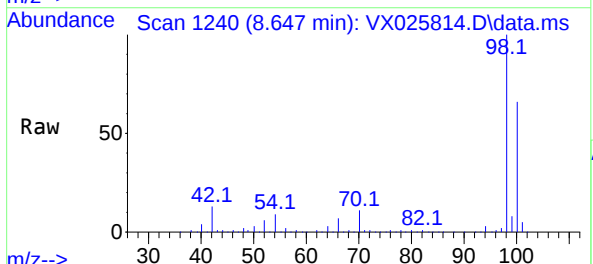
RT: 8.647 min Scan# 1240

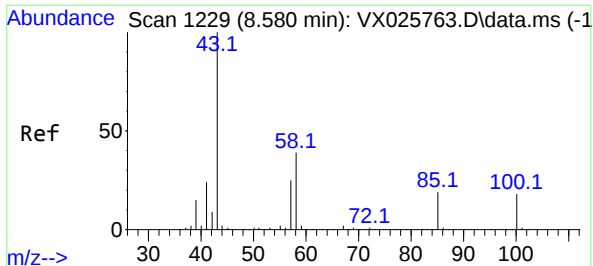
Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Tgt Ion: 98 Resp: 242286
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 104.223 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 43 Resp: 21167

Ion Ratio Lower Upper

43 100

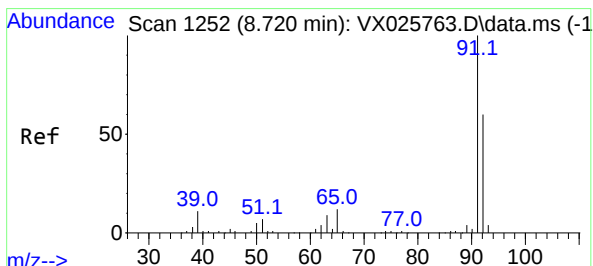
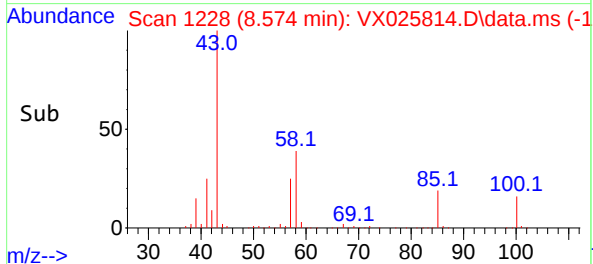
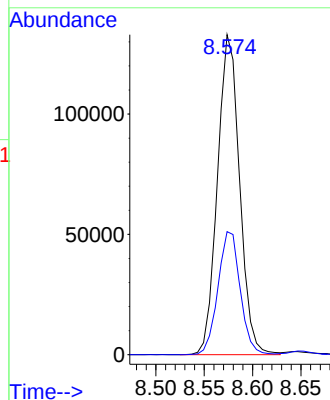
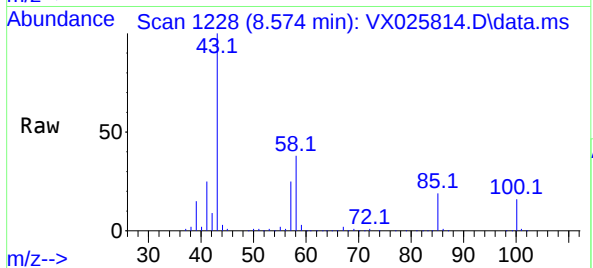
58 38.6 30.8 46.2

Manual Integrations

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Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#52

Toluene

Concen: 21.669 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025814.D

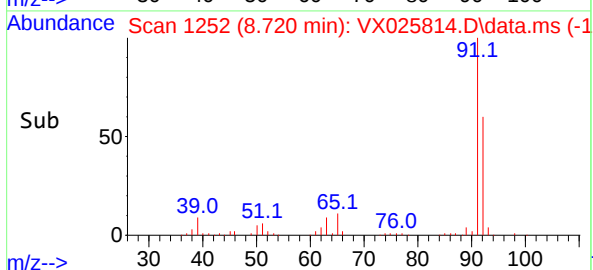
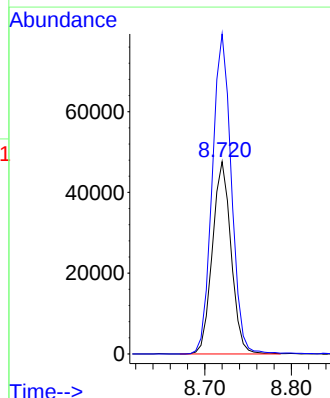
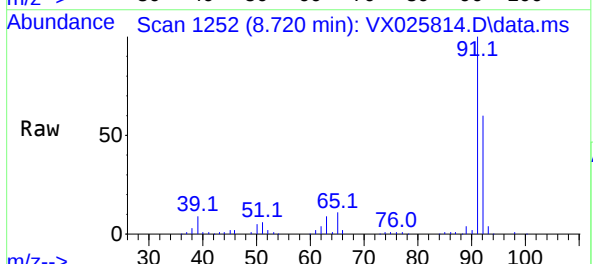
Acq: 15 Dec 2021 15:05

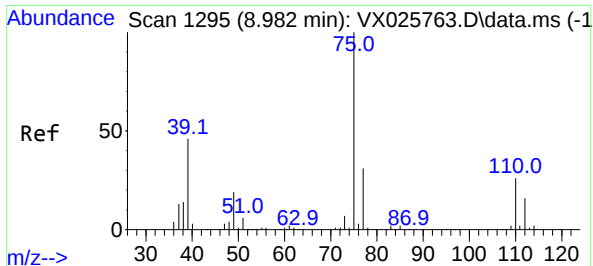
Tgt Ion: 92 Resp: 71384

Ion Ratio Lower Upper

92 100

91 170.6 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 18.585 ug/l

RT: 8.982 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 75 Resp: 3542

Ion Ratio Lower Upper

75 100

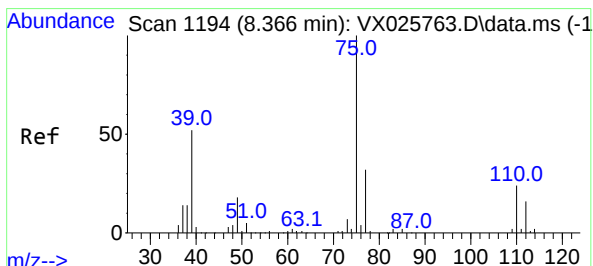
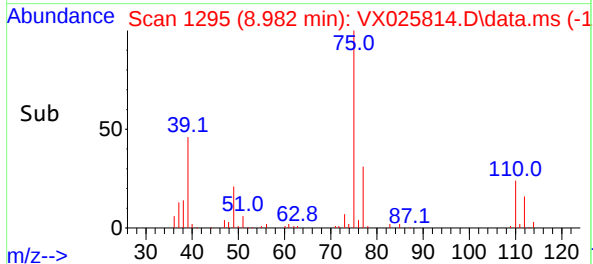
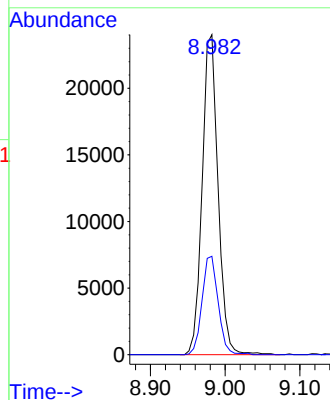
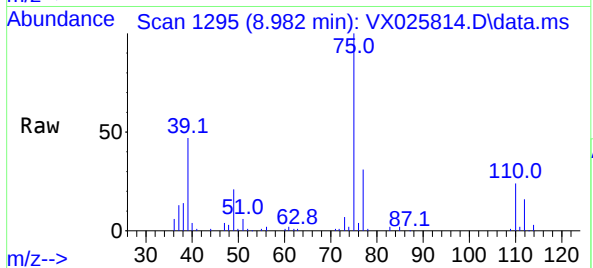
77 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#54

cis-1,3-Dichloropropene

Concen: 19.708 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

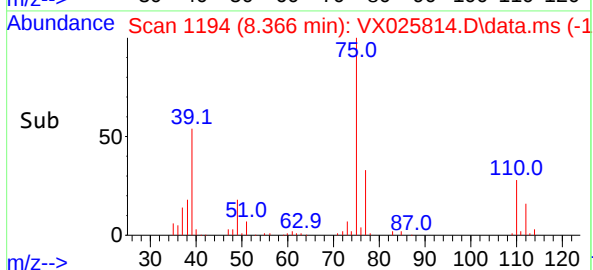
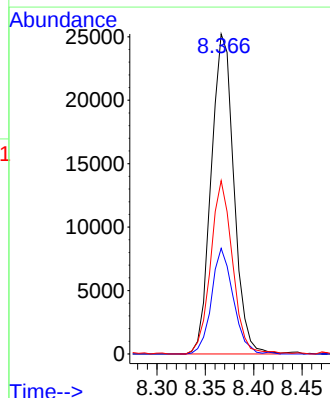
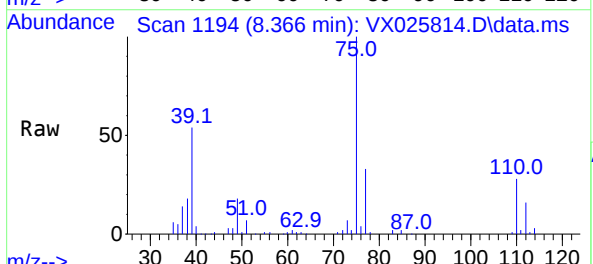
Tgt Ion: 75 Resp: 41100

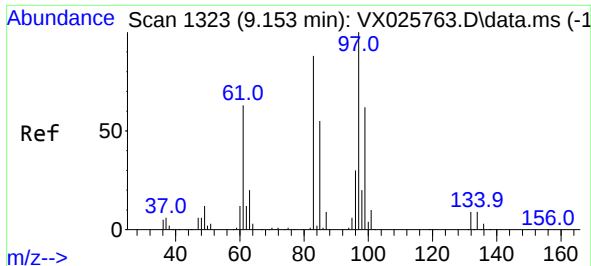
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

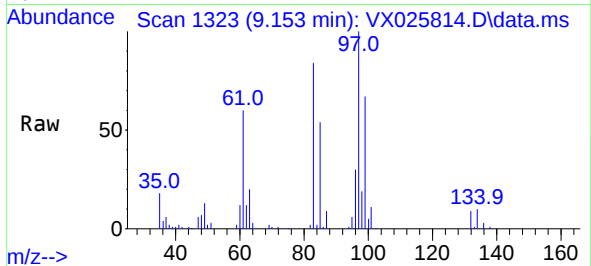
39 54.2 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 21.452 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

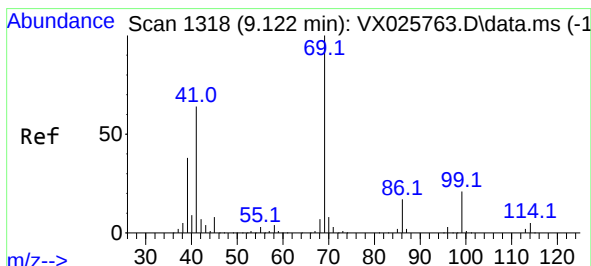
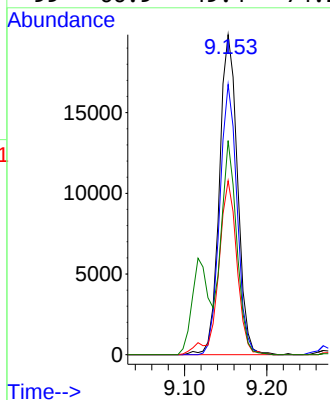
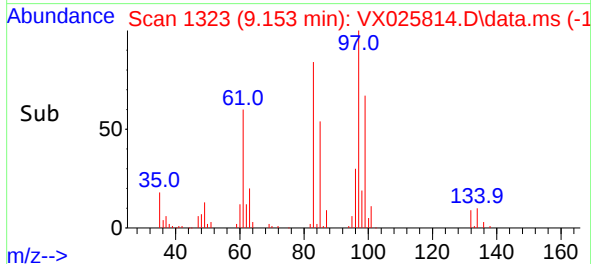


Tgt Ion: 97 Resp: 30300

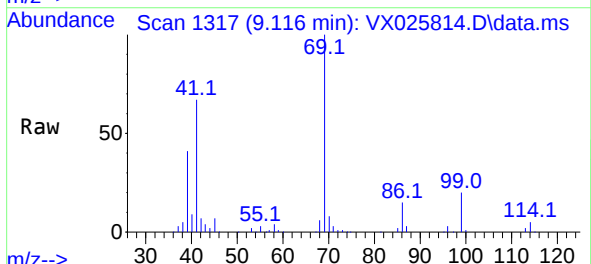
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.5	105.7
85	54.3	43.8	65.6
99	66.9	49.4	74.2

Manual Integrations
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Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

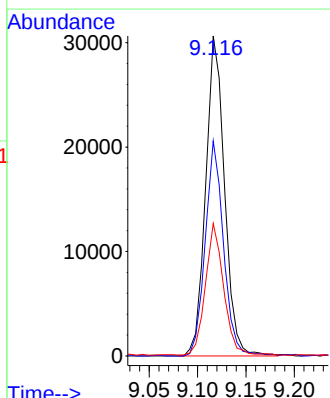
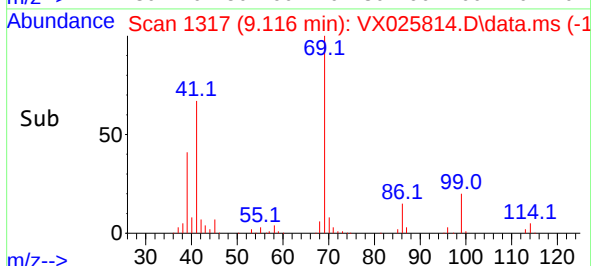


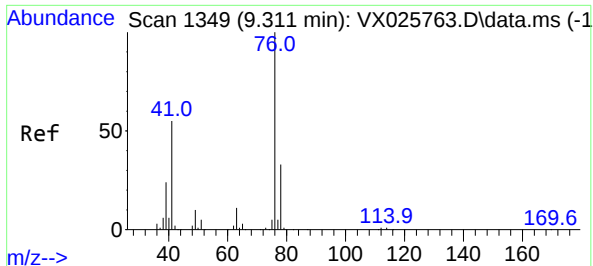
#56
Ethyl methacrylate
Concen: 20.535 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion: 69 Resp: 41664

Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.8	79.2
39	40.0	32.5	48.7





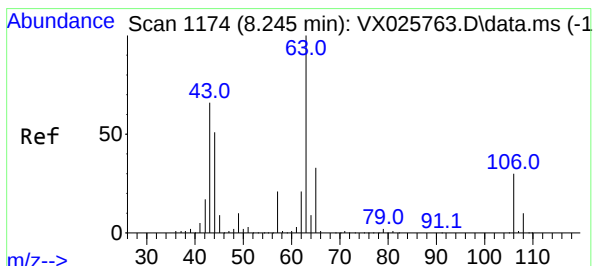
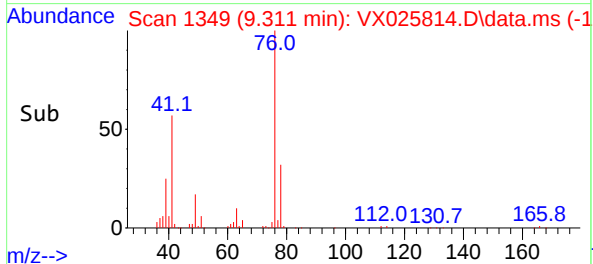
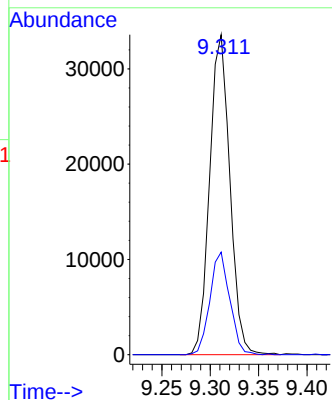
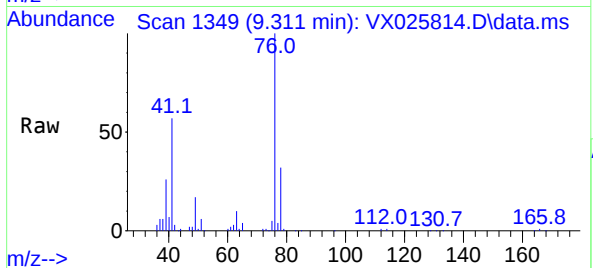
#57
1,3-Dichloropropane
Concen: 21.109 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 76 Resp: 48910
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0

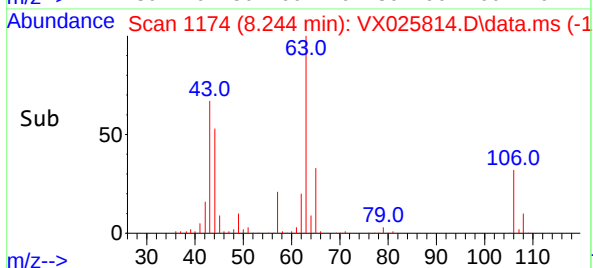
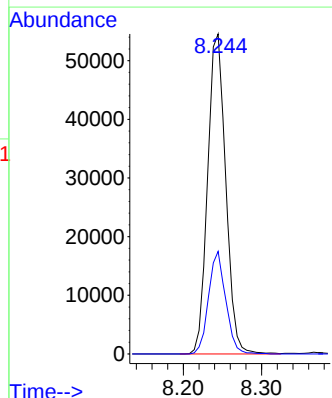
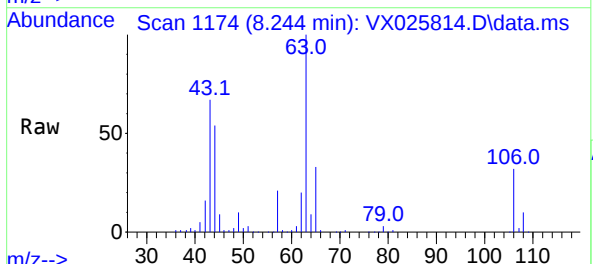
Manual Integrations
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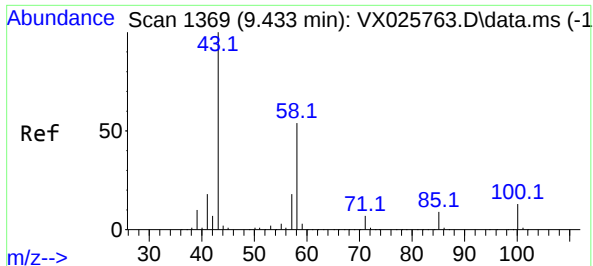
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#58
2-Chloroethyl Vinyl ether
Concen: 98.345 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 63 Resp: 87433
Ion Ratio Lower Upper
63 100
106 30.4 24.4 36.6





#59

2-Hexanone

Concen: 106.558 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 43 Resp: 16397

Ion Ratio Lower Upper

43 100

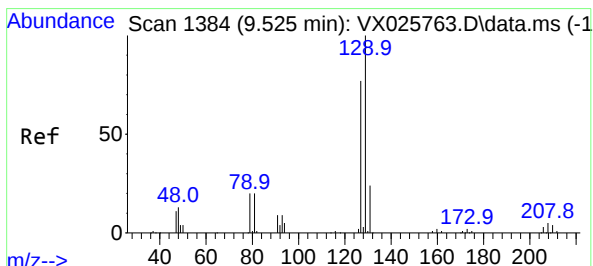
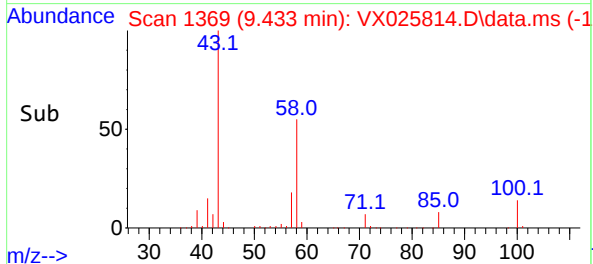
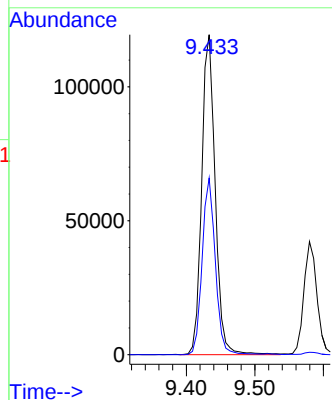
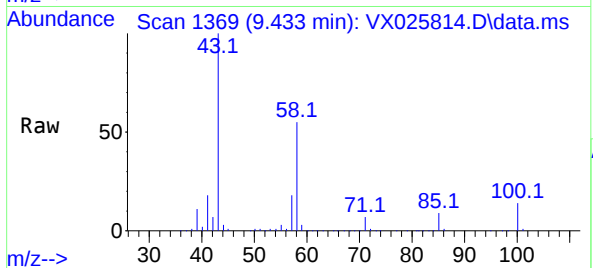
58 53.9 26.9 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#60

Dibromochloromethane

Concen: 18.361 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025814.D

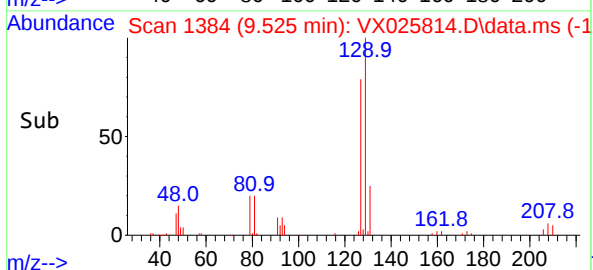
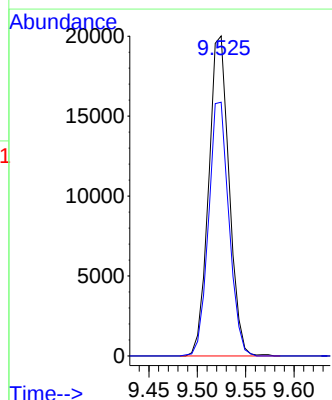
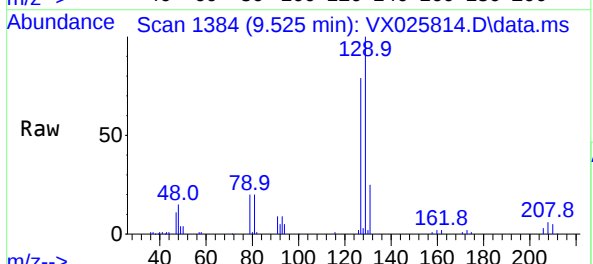
Acq: 15 Dec 2021 15:05

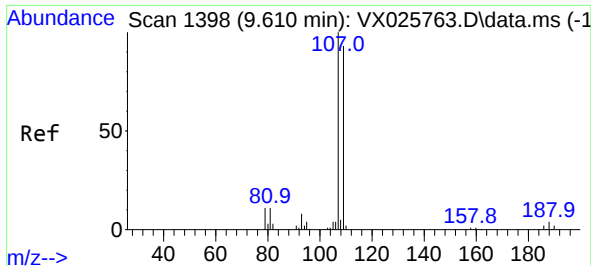
Tgt Ion:129 Resp: 29441

Ion Ratio Lower Upper

129 100

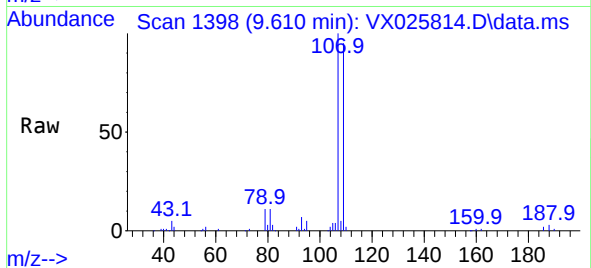
127 78.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.440 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

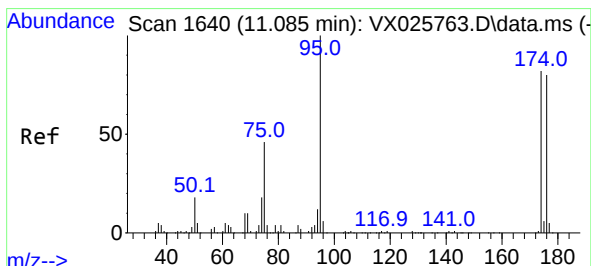
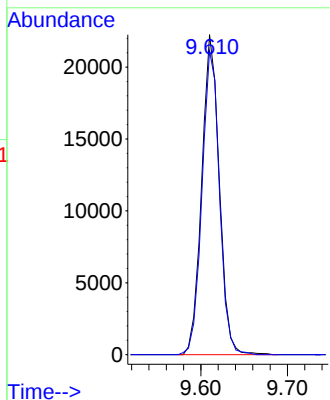
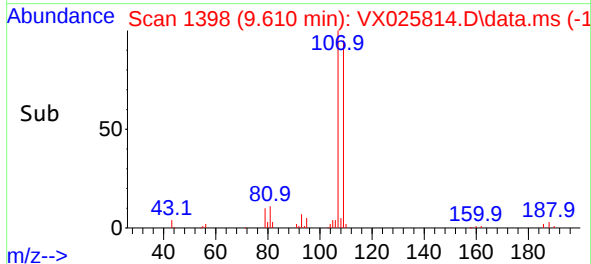
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



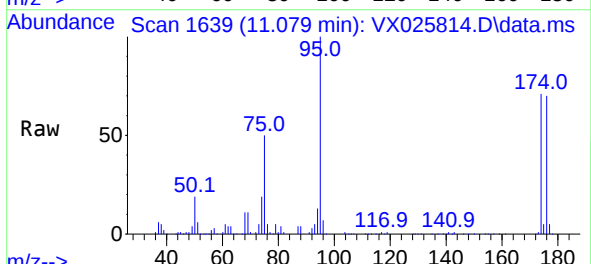
Tgt Ion:107 Resp: 31310
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7

Manual Integrations
APPROVED

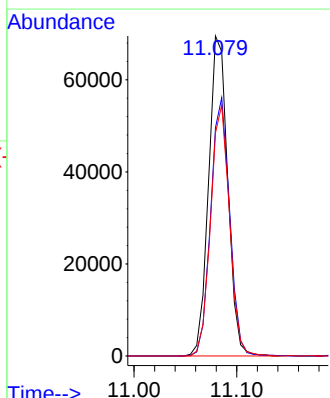
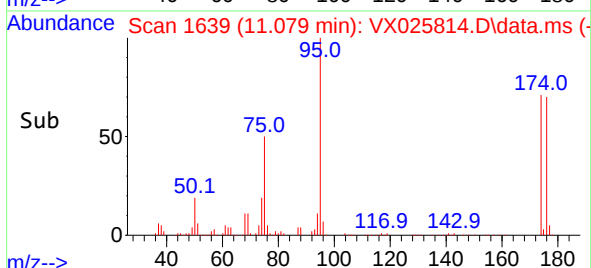
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

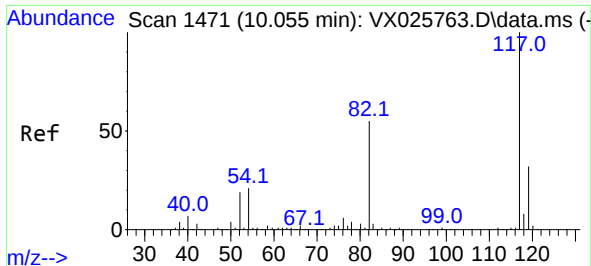


#62
4-Bromofluorobenzene
Concen: 50.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



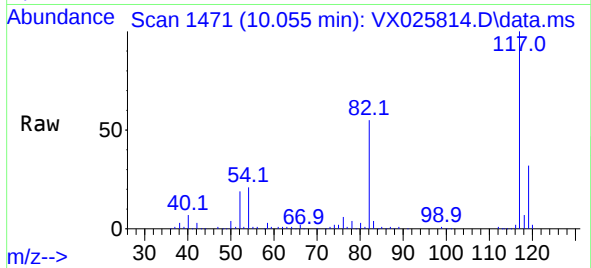
Tgt Ion: 95 Resp: 89889
Ion Ratio Lower Upper
95 100
174 79.9 0.0 157.4
176 77.3 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

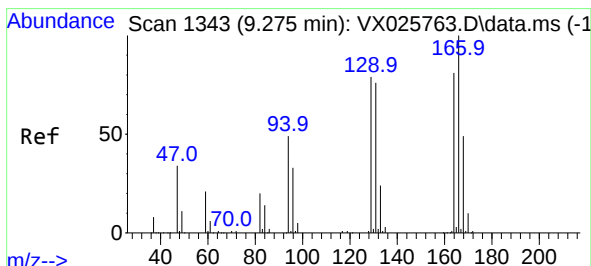
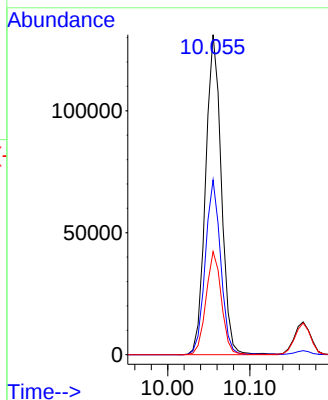
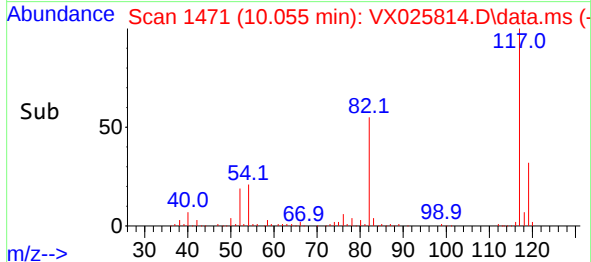
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:117 Resp: 174162
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.6
119 32.2 25.2 37.8

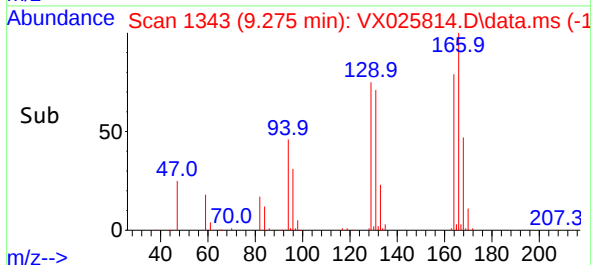
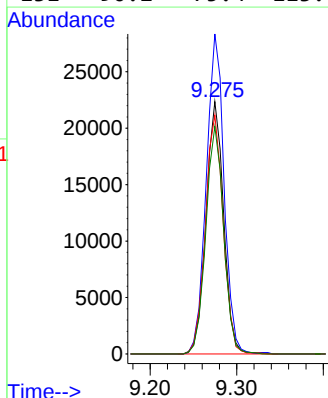
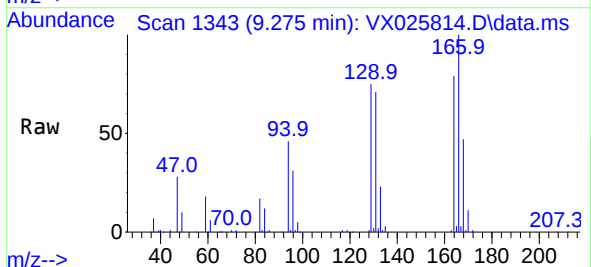
Manual Integrations
APPROVED

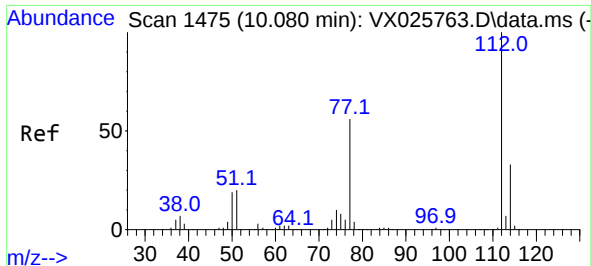
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 22.844 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:164 Resp: 31736
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.0
129 94.6 78.6 118.0
131 90.2 75.4 113.0





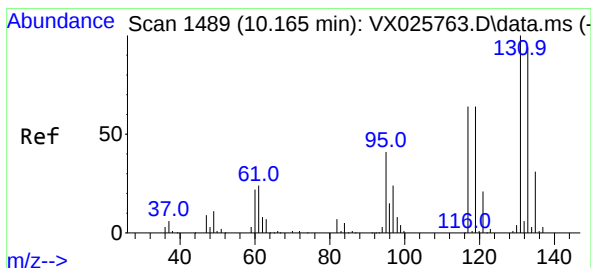
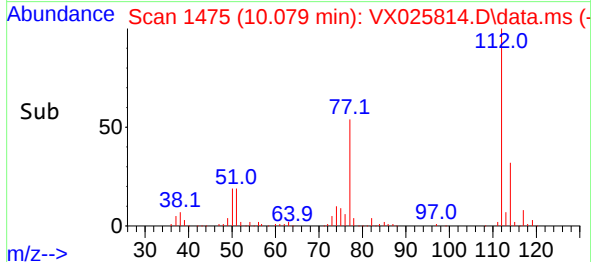
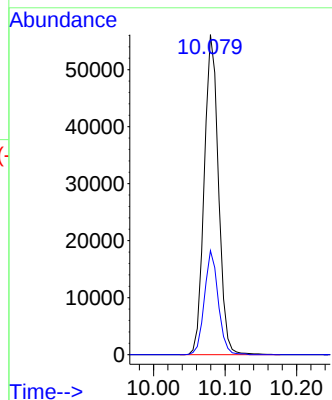
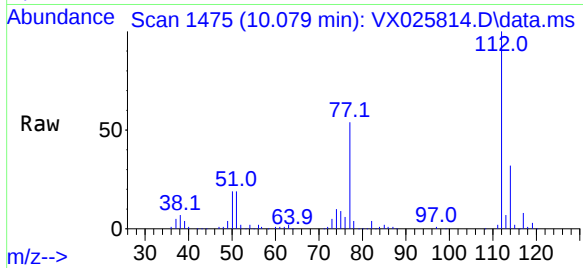
#65
Chlorobenzene
Concen: 21.416 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:112 Resp: 7774
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8

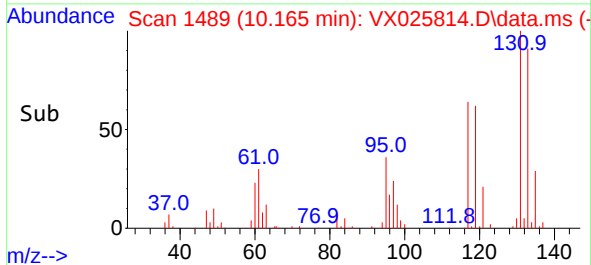
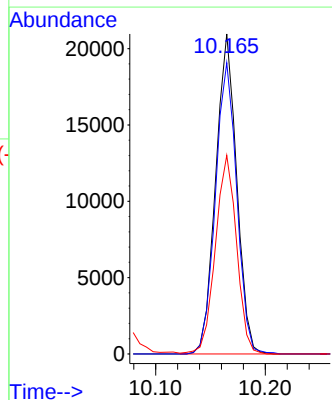
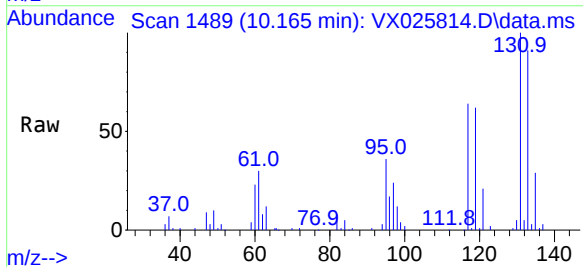
Manual Integrations
APPROVED

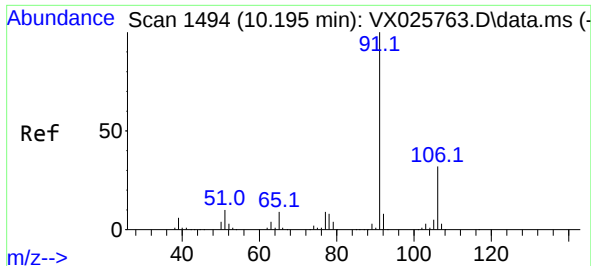
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.691 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

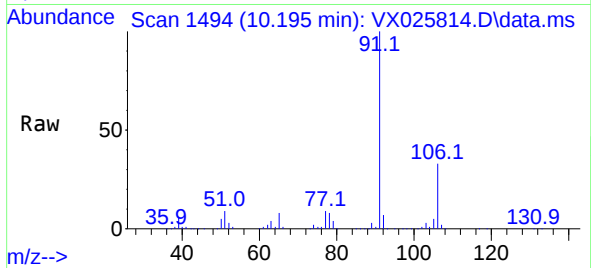
Tgt Ion:131 Resp: 27915
Ion Ratio Lower Upper
131 100
133 92.6 47.1 141.3
119 62.5 31.9 95.9





#67
Ethyl Benzene
Concen: 21.873 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

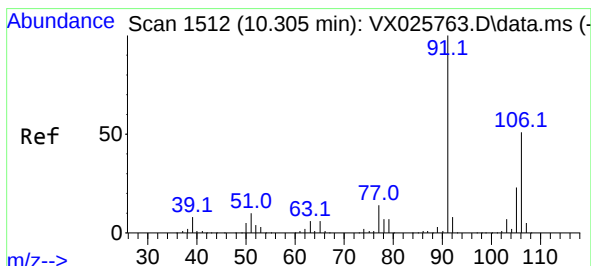
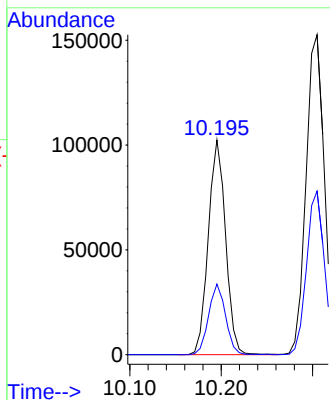
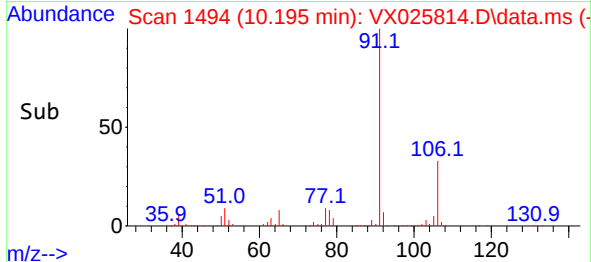
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



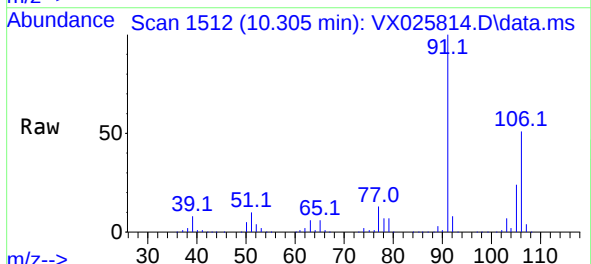
Tgt Ion: 91 Resp: 134278
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

Manual Integrations
APPROVED

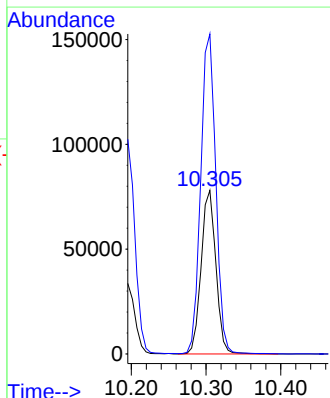
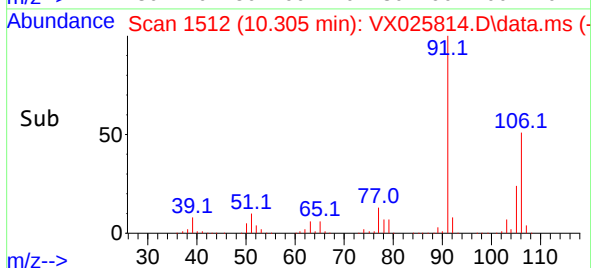
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

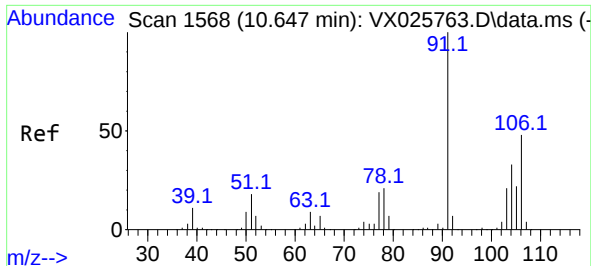


#68
m/p-Xylenes
Concen: 44.682 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion:106 Resp: 106739
Ion Ratio Lower Upper
106 100
91 200.2 158.6 238.0





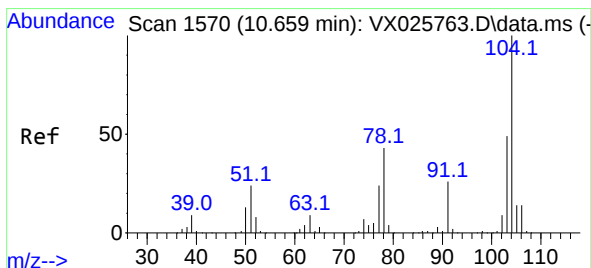
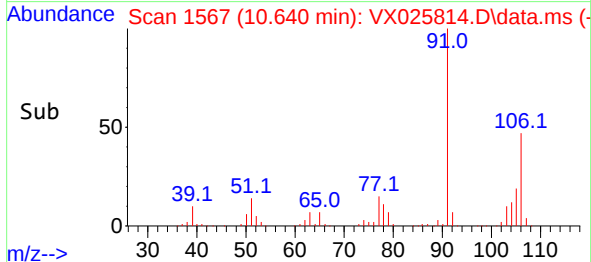
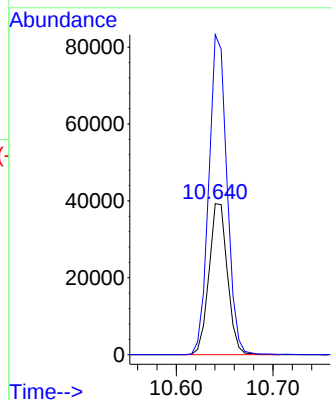
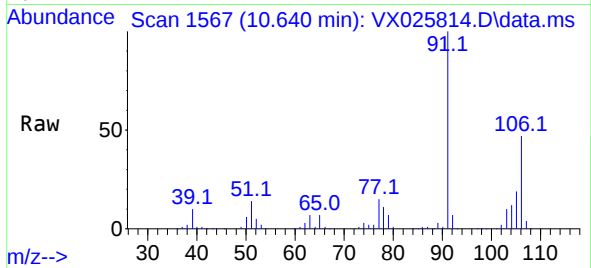
#69
o-Xylene
Concen: 22.211 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:106 Resp: 5219
Ion Ratio Lower Upper
106 100
91 208.3 105.5 316.4

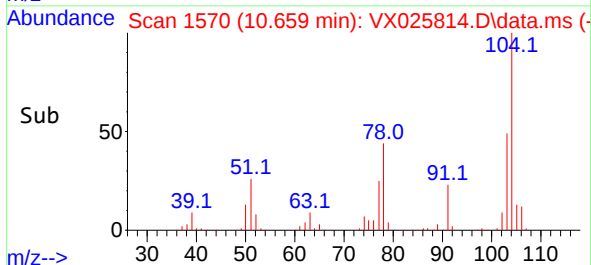
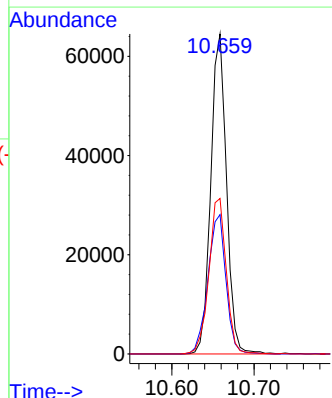
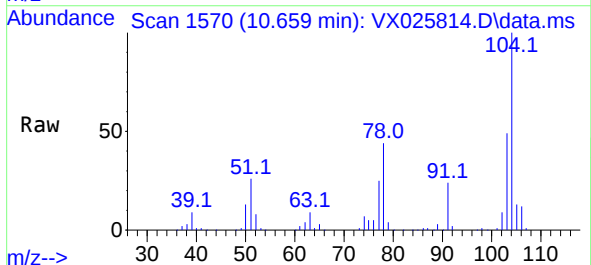
Manual Integrations
APPROVED

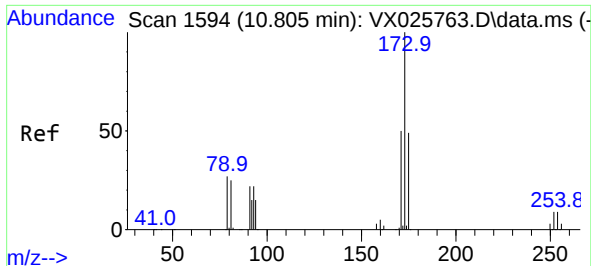
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 21.955 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

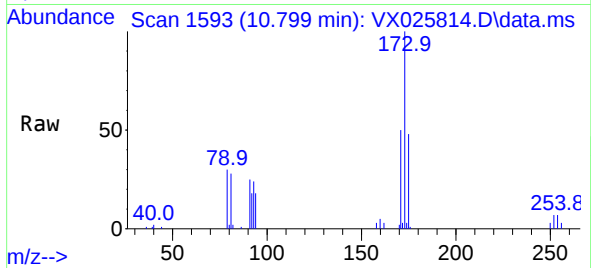
Tgt Ion:104 Resp: 85854
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 53.6 43.0 64.6





#71
Bromoform
Concen: 17.429 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

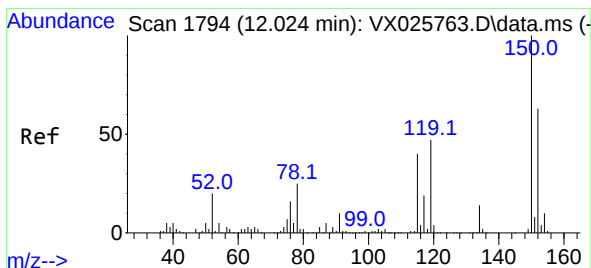
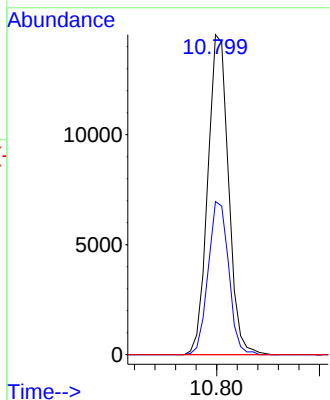
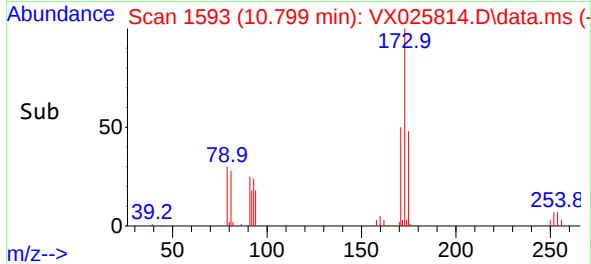
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:173 Resp: 20354
Ion Ratio Lower Upper
173 100
175 47.3 24.4 73.4
254 0.0 0.1 0.1

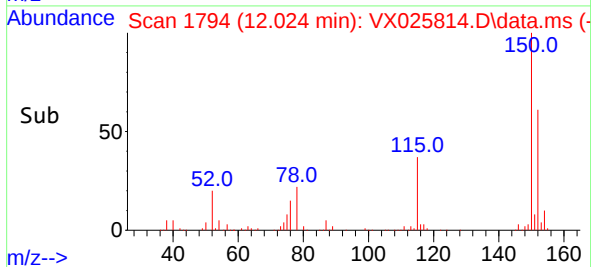
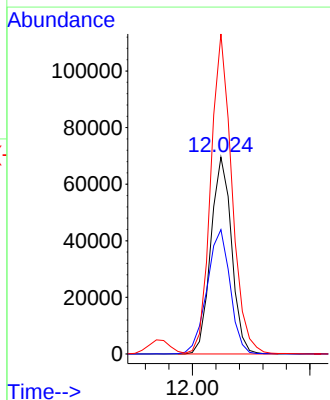
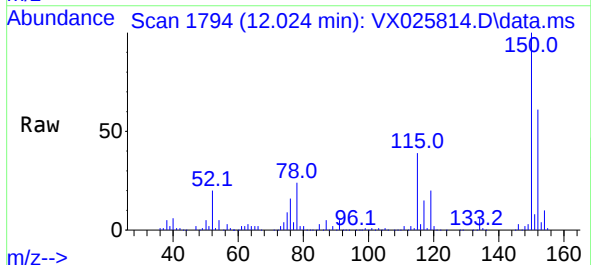
Manual Integrations
APPROVED

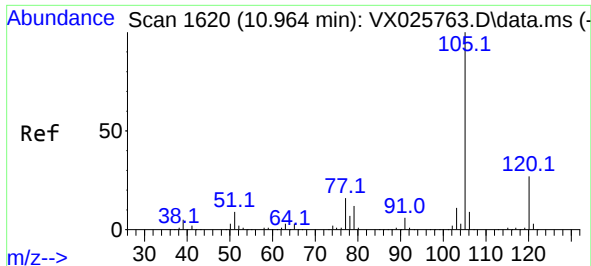
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:152 Resp: 85256
Ion Ratio Lower Upper
152 100
115 70.3 41.3 123.9
150 165.5 0.0 351.8





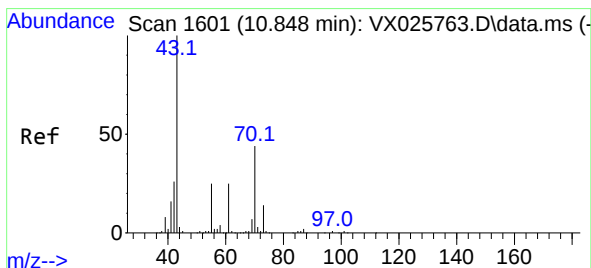
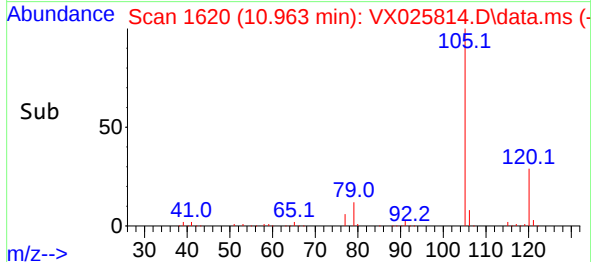
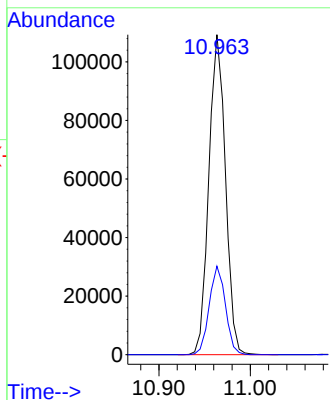
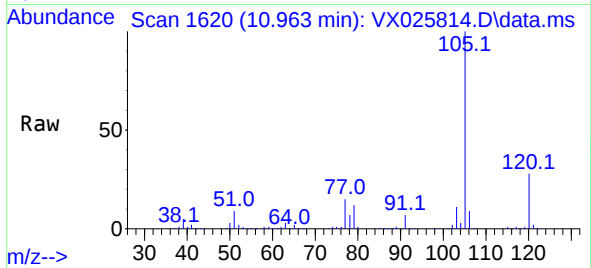
#73
Isopropylbenzene
Concen: 22.211 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:105 Resp: 13743
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7

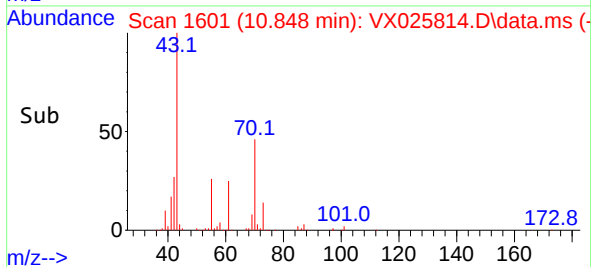
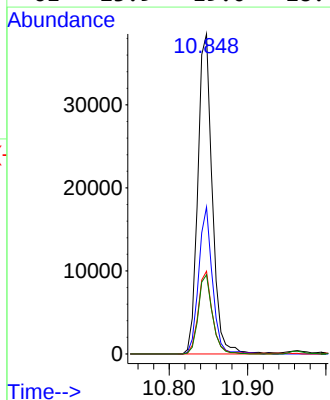
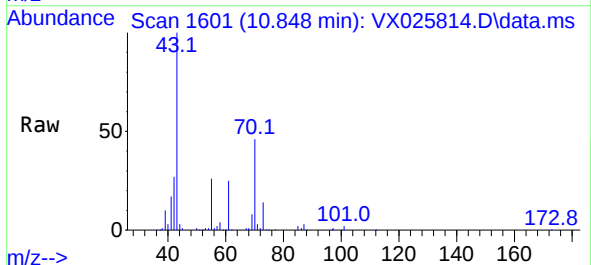
Manual Integrations
APPROVED

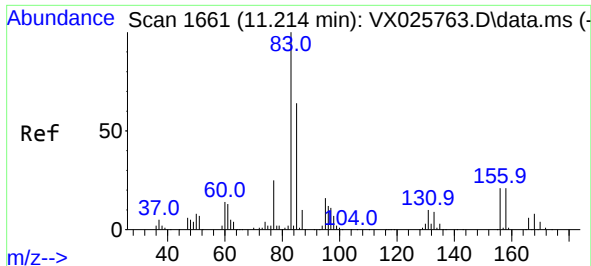
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#74
N-ethyl acetate
Concen: 19.855 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 43 Resp: 49415
Ion Ratio Lower Upper
43 100
70 43.7 34.1 51.1
55 25.3 19.2 28.8
61 23.9 19.0 28.4





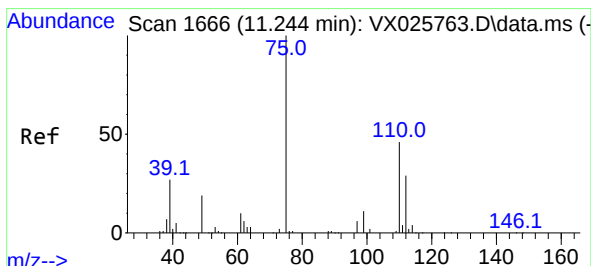
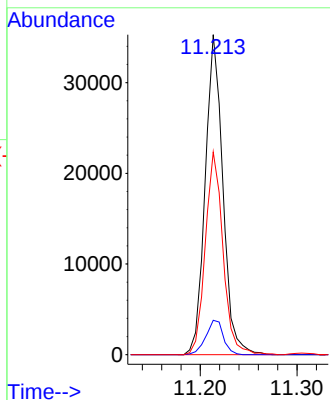
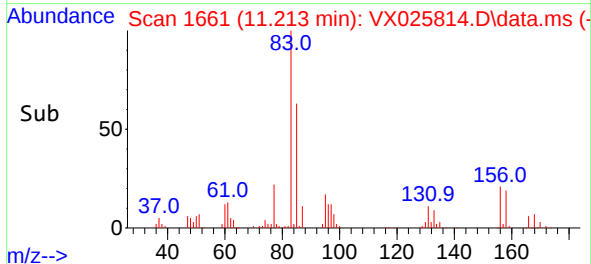
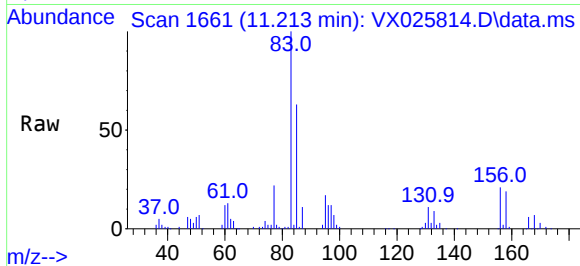
#75
1,1,2,2-Tetrachloroethane
Concen: 20.841 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 83 Resp: 44945
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.5 31.6 95.0

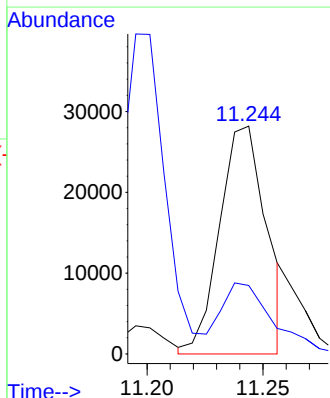
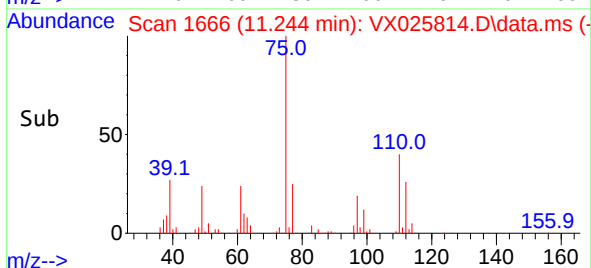
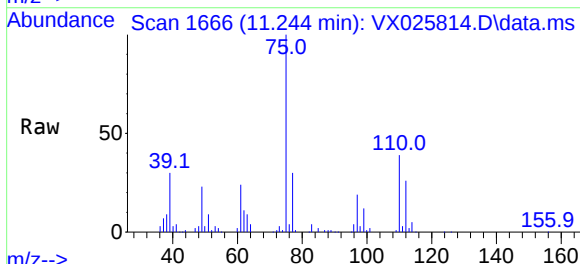
Manual Integrations
APPROVED

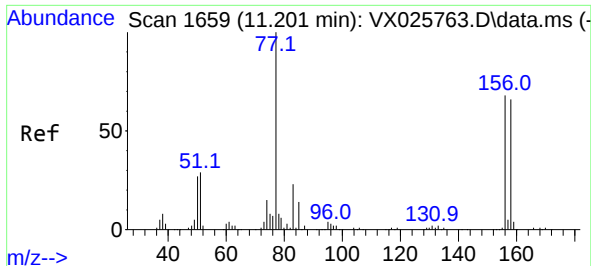
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 20.164 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

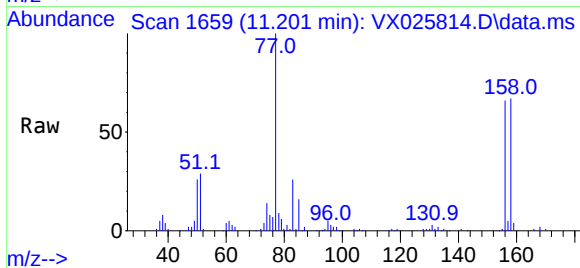
Tgt Ion: 75 Resp: 39387
Ion Ratio Lower Upper
75 100
77 34.5 19.0 57.0





#77
Bromobenzene
Concen: 21.222 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

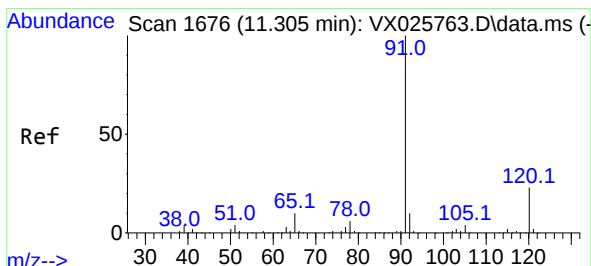
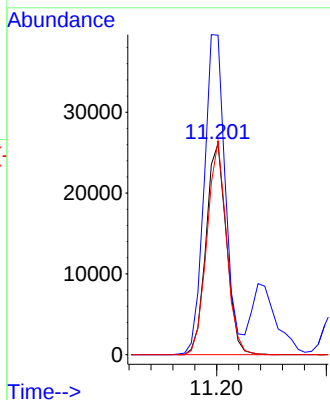
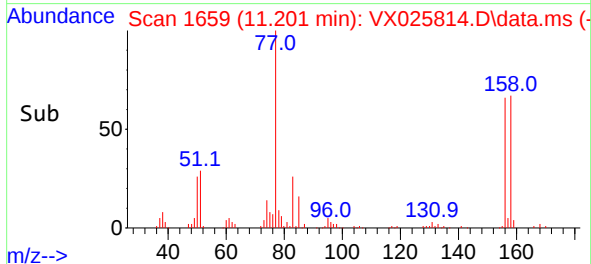
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



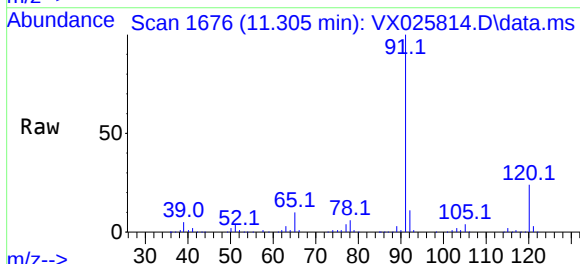
Tgt Ion:156 Resp: 3368
Ion Ratio Lower Upper
156 100
77 158.2 78.2 234.6
158 97.0 48.6 145.9

Manual Integrations
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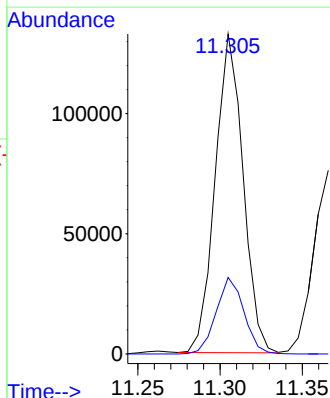
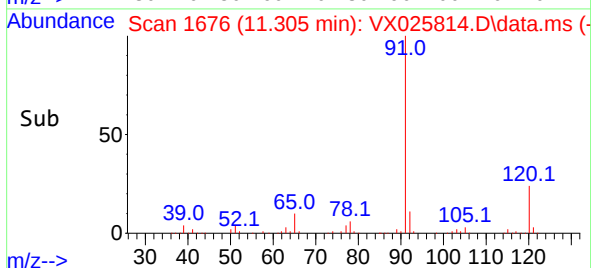
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

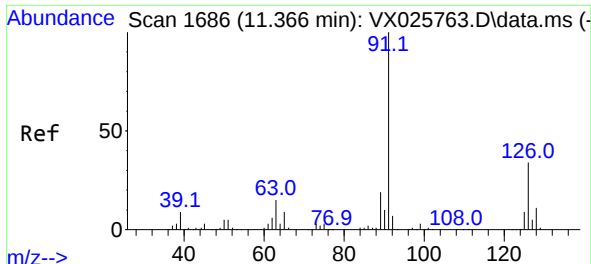


#78
n-propylbenzene
Concen: 22.304 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion: 91 Resp: 156103
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1





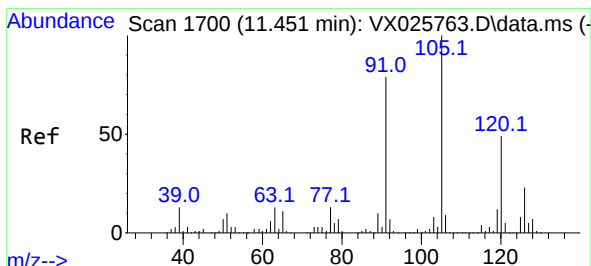
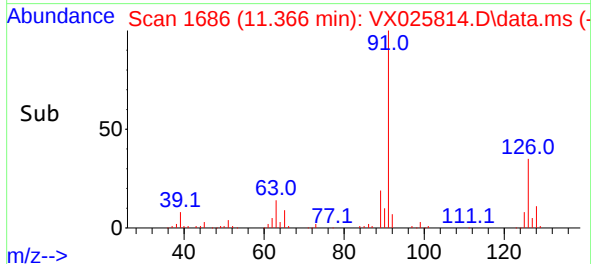
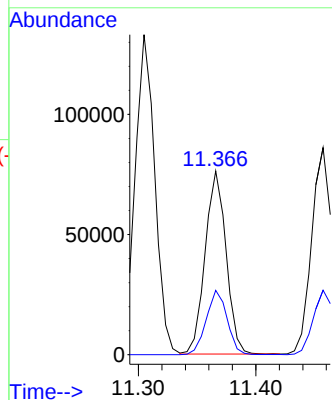
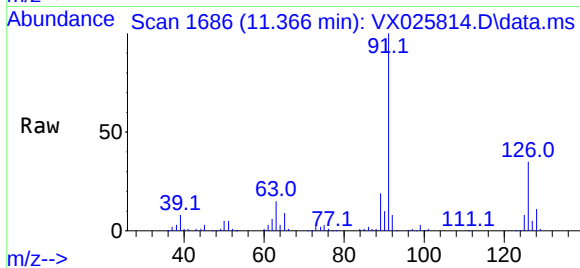
#79
2-Chlorotoluene
Concen: 21.253 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 91 Resp: 9459
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.3

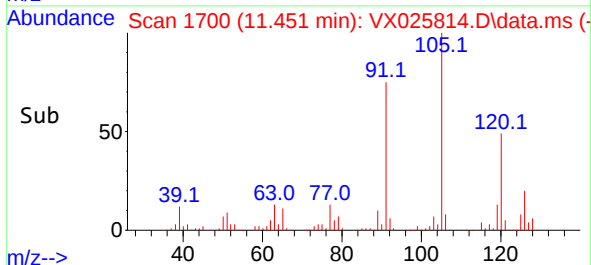
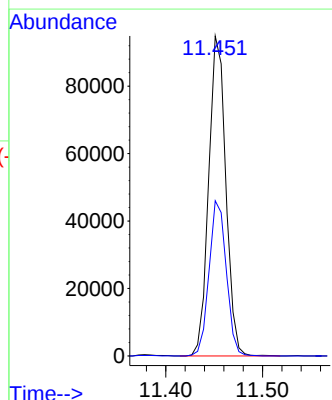
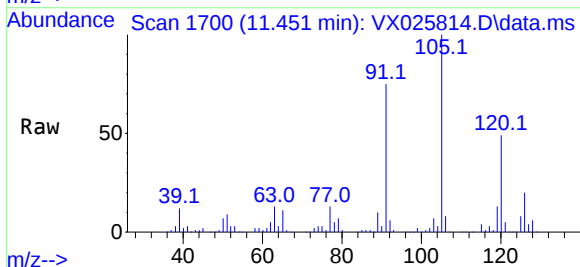
Manual Integrations
APPROVED

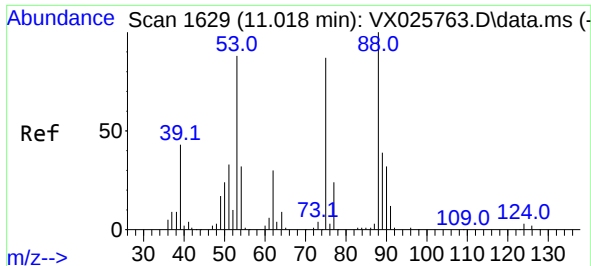
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 22.746 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:105 Resp: 116727
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





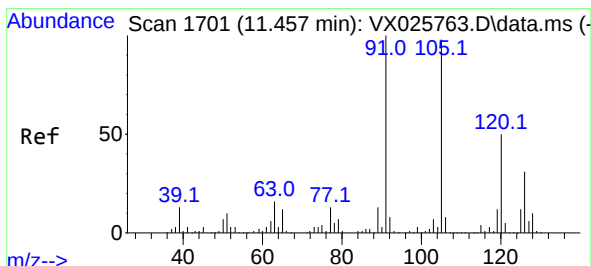
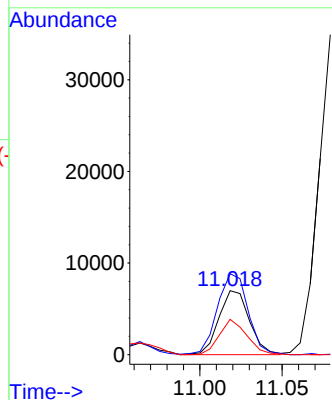
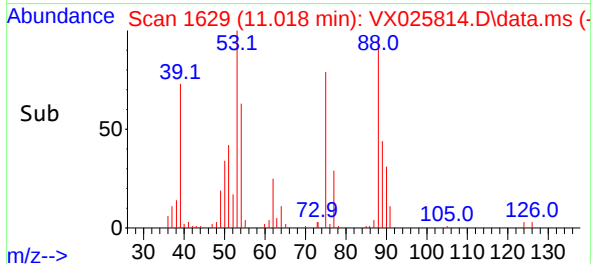
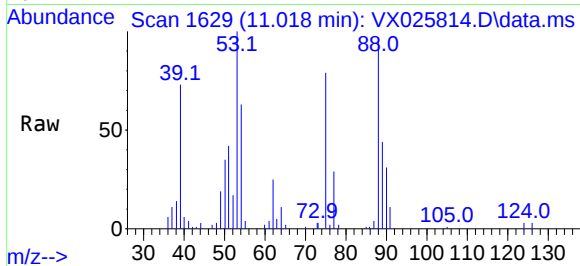
#81
trans-1,4-Dichloro-2-butene
Concen: 14.381 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
53 126.9 79.5 119.3
89 49.5 38.3 57.5

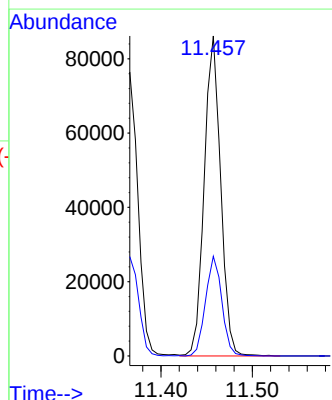
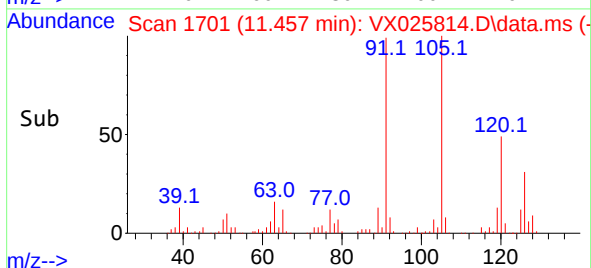
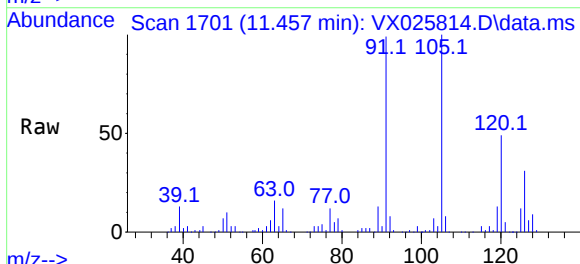
Manual Integrations
APPROVED

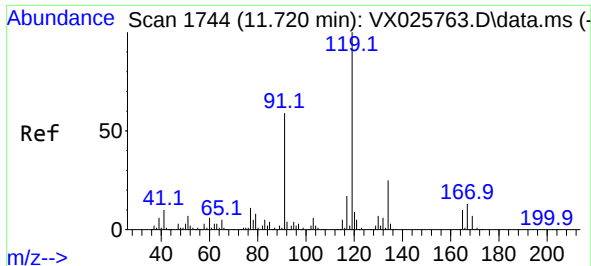
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 21.545 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

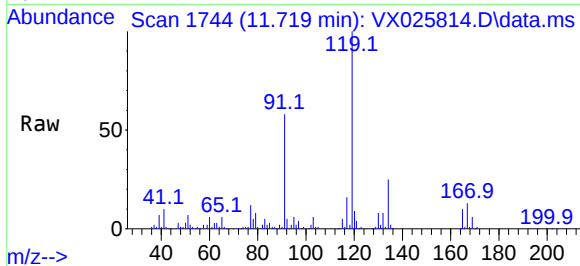
Tgt Ion: 91 Resp: 107373
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7





#83
tert-Butylbenzene
Concen: 21.904 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

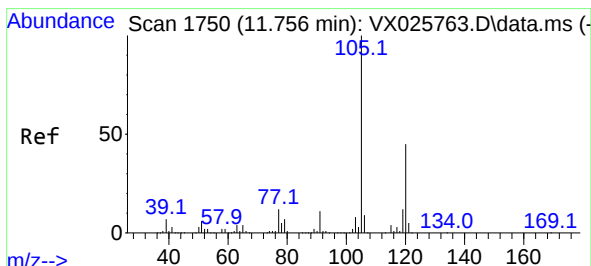
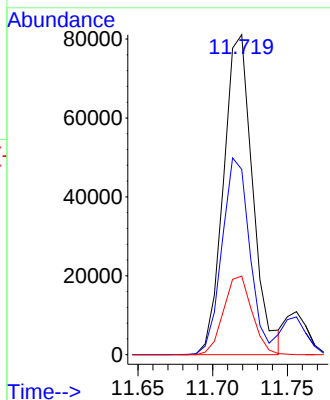
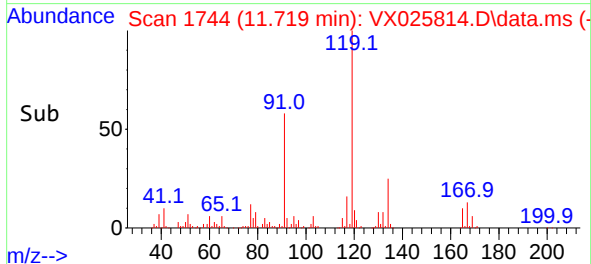
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



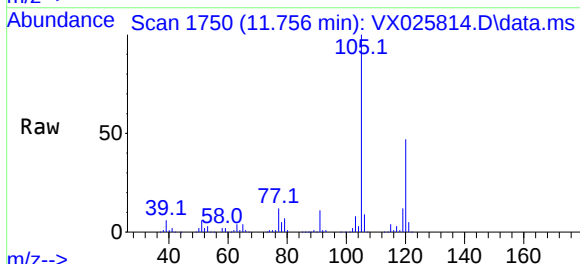
Tgt Ion:119 Resp: 110180
Ion Ratio Lower Upper
119 100
91 58.4 28.7 86.1
134 24.0 11.9 35.9

Manual Integrations
APPROVED

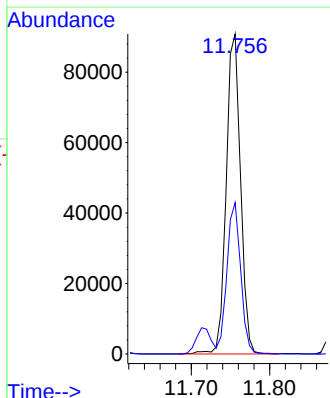
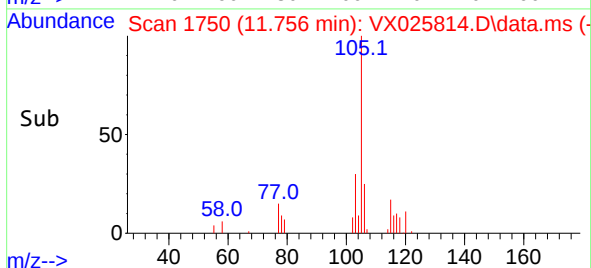
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

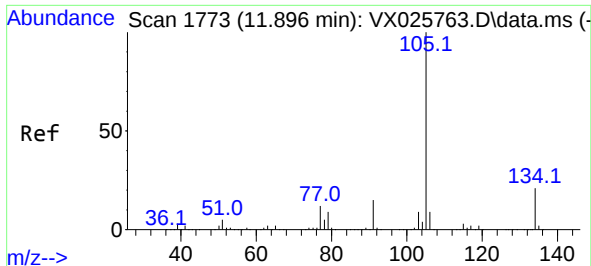


#84
1,2,4-Trimethylbenzene
Concen: 22.544 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion:105 Resp: 115570
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 23.270 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025814.D
 Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

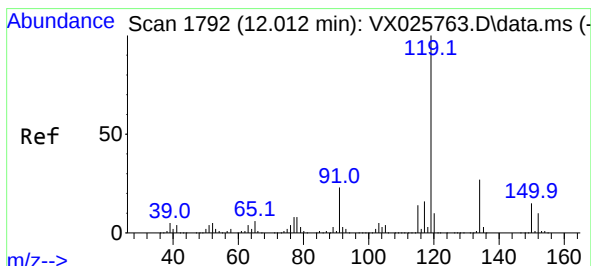
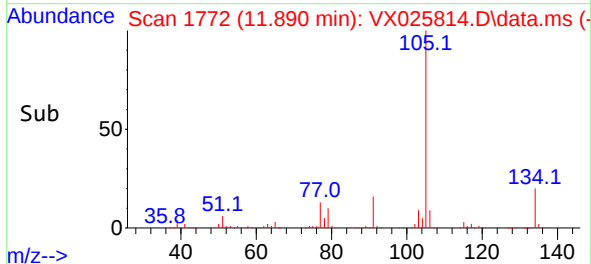
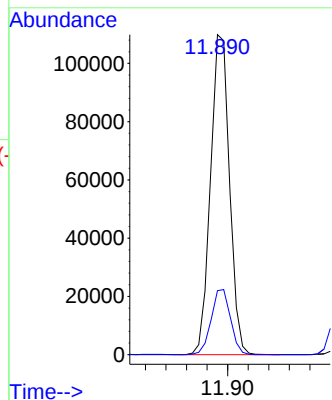
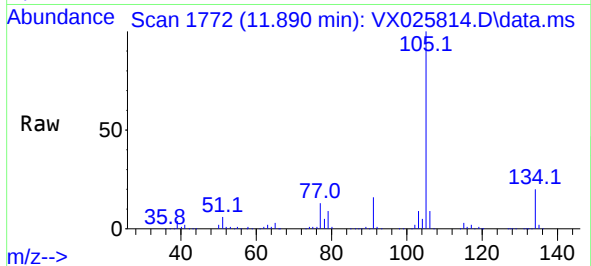
VX1216WBSD01

Tgt Ion:105 Resp: 14069
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations

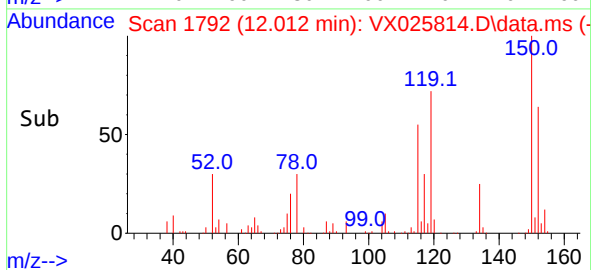
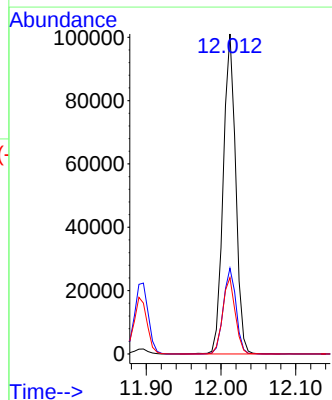
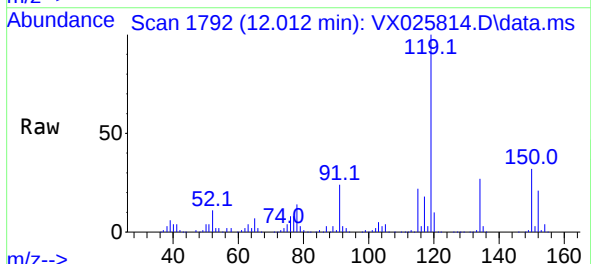
APPROVED

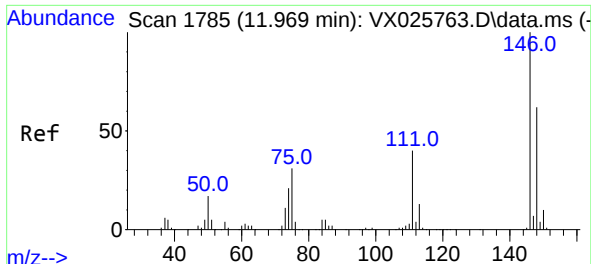
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 23.102 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025814.D
 Acq: 15 Dec 2021 15:05

Tgt Ion:119 Resp: 117300
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.6
 91 24.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.600 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion:146 Resp: 63870

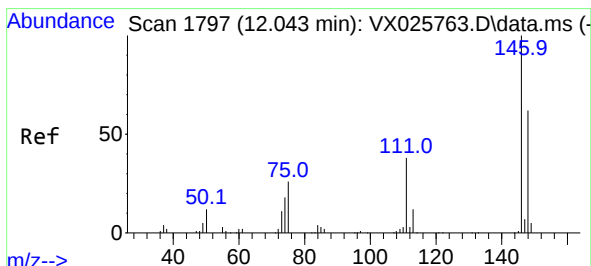
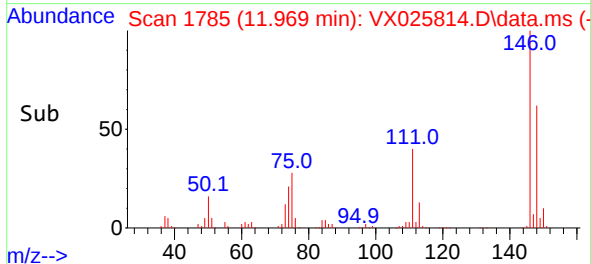
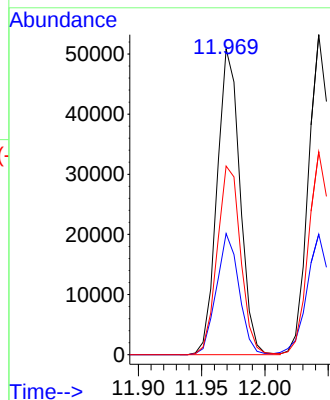
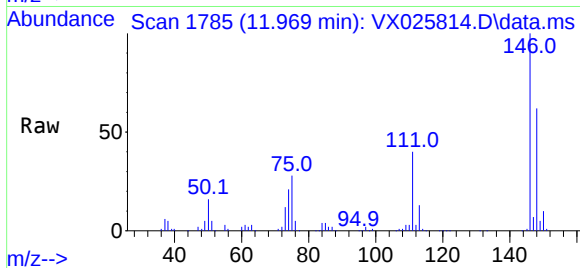
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.6
148	63.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#88

1,4-Dichlorobenzene

Concen: 21.530 ug/l

RT: 12.043 min Scan# 1797

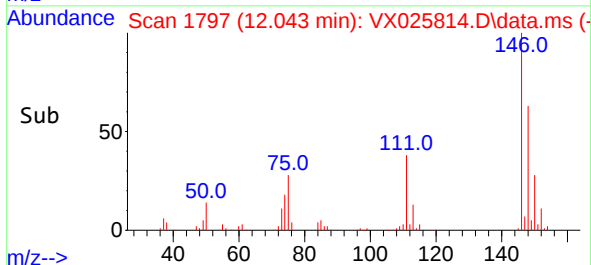
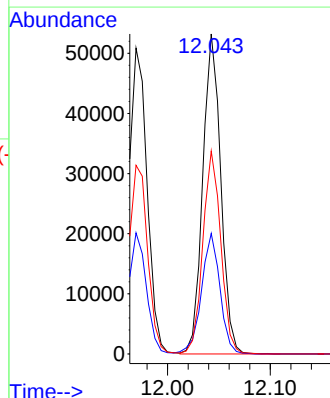
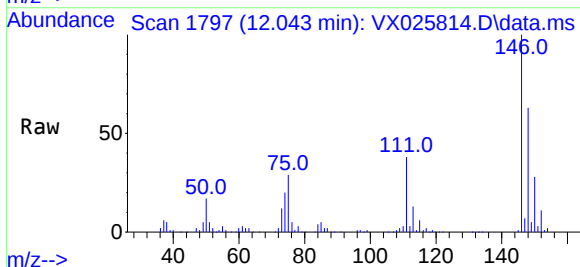
Delta R.T. -0.000 min

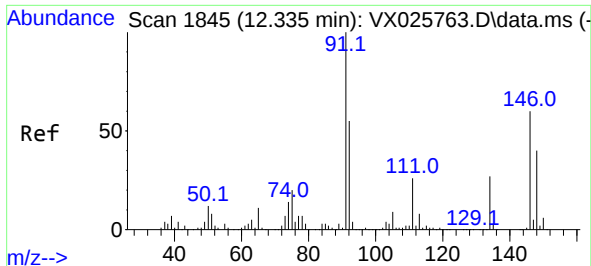
Lab File: VX025814.D

Acq: 15 Dec 2021 15:05

Tgt Ion:146 Resp: 65005

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.7
148	63.2	31.9	95.7





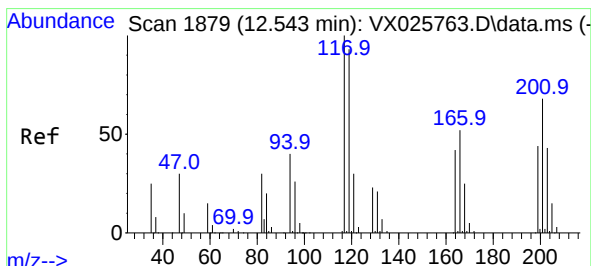
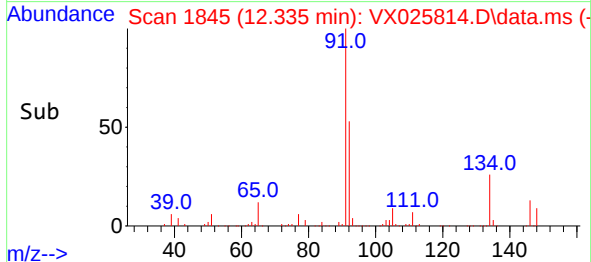
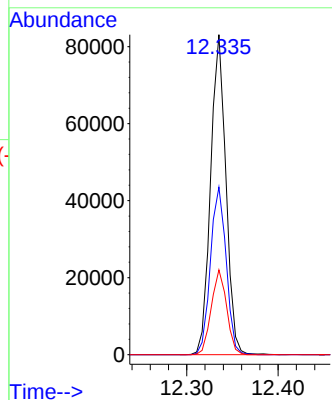
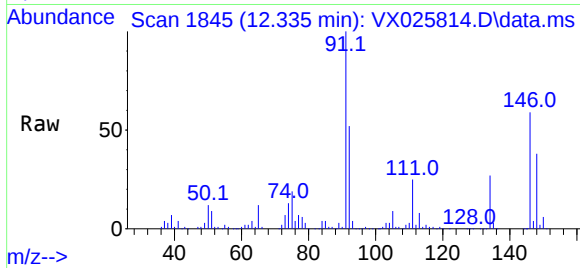
#89
n-Butylbenzene
Concen: 22.748 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 91 Resp: 9635
Ion Ratio Lower Upper
91 100
92 53.8 27.3 81.8
134 26.6 13.5 40.4

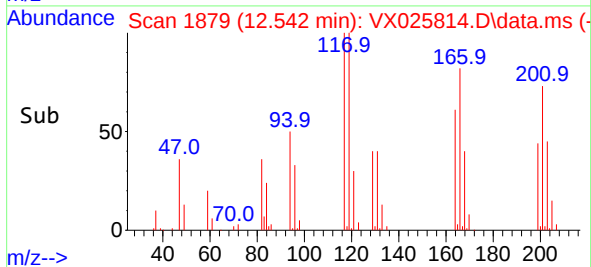
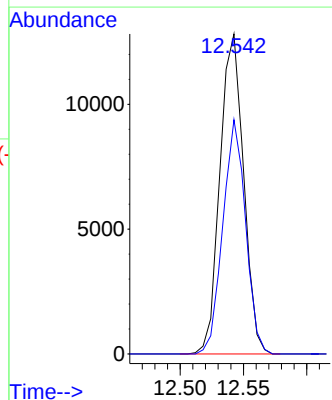
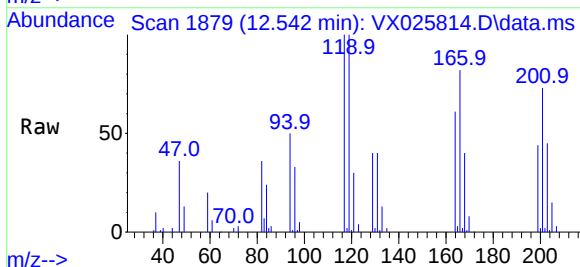
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 16.674 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion:117 Resp: 16639
Ion Ratio Lower Upper
117 100
201 70.4 35.4 106.3





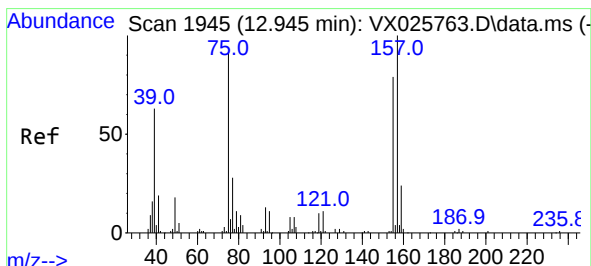
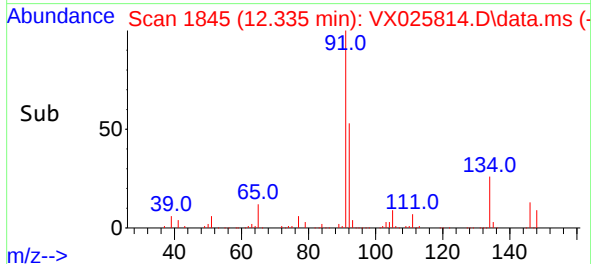
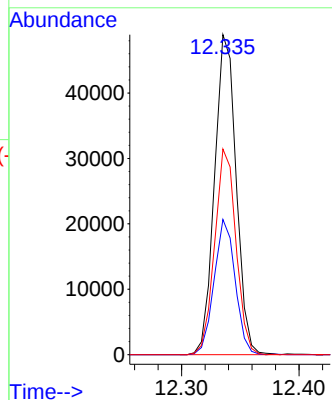
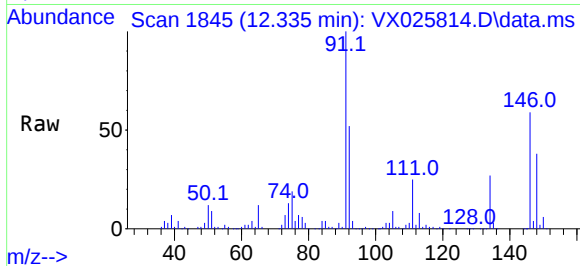
#91
1,2-Dichlorobenzene
Concen: 22.141 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:146 Resp: 62529
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 63.4 31.9 95.7

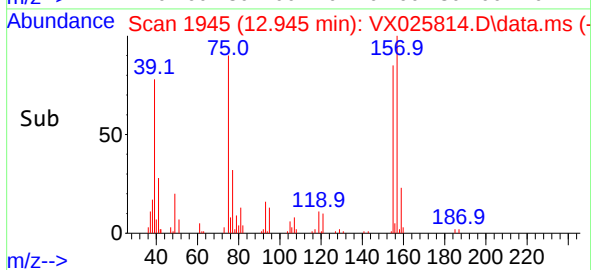
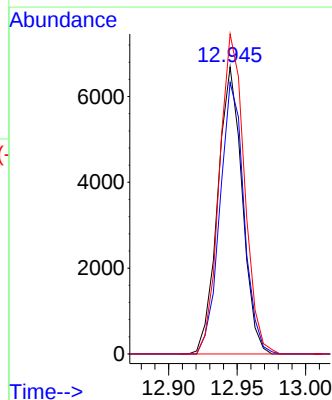
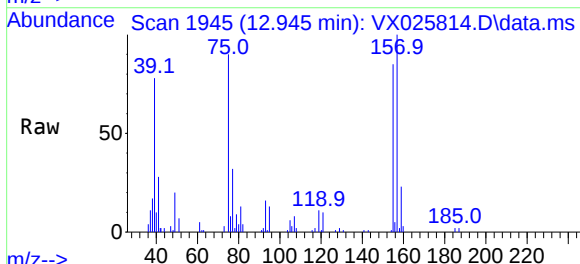
Manual Integrations
APPROVED

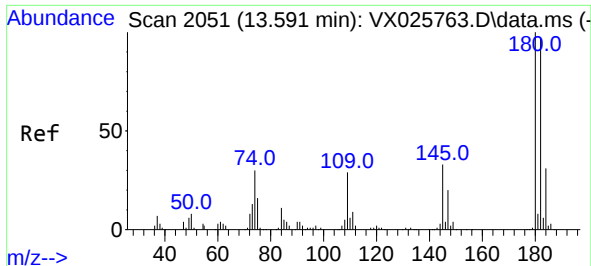
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.125 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 75 Resp: 8299
Ion Ratio Lower Upper
75 100
155 92.8 44.0 131.8
157 113.9 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 22.415 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

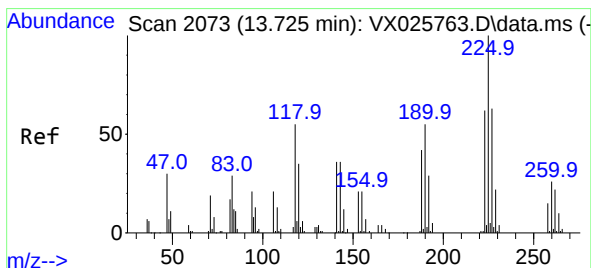
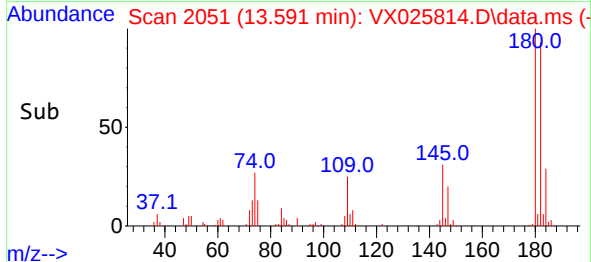
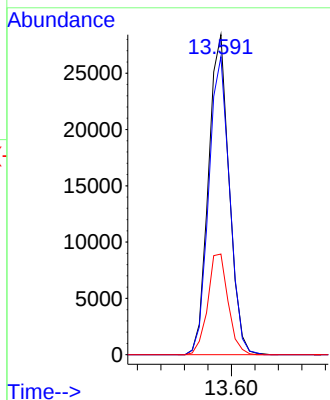
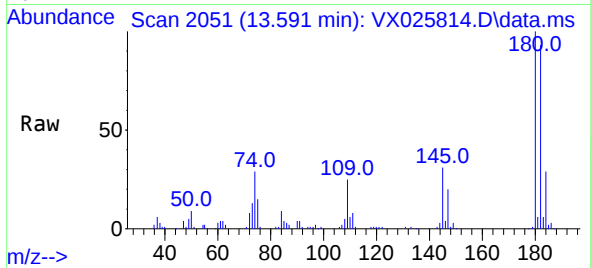
VX1216WBSD01

Tgt Ion:180 Resp: 3475
Ion Ratio Lower Upper
180 100
182 93.8 47.2 141.6
145 31.1 16.3 48.9

Manual Integrations

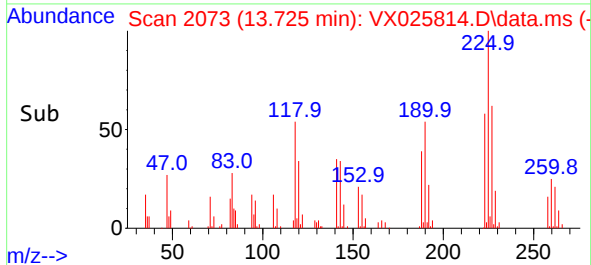
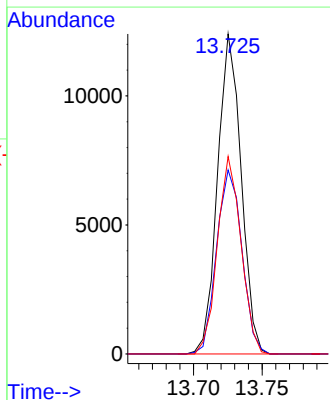
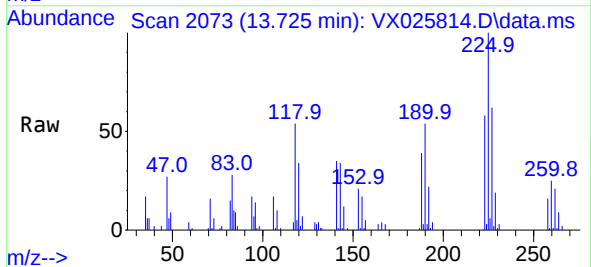
APPROVED

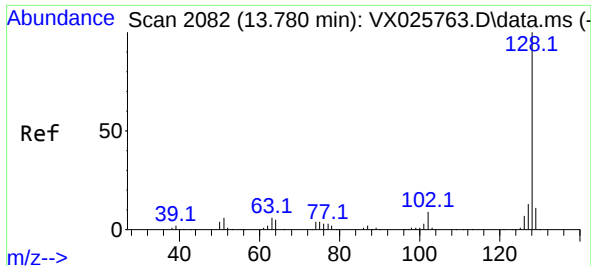
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 24.712 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

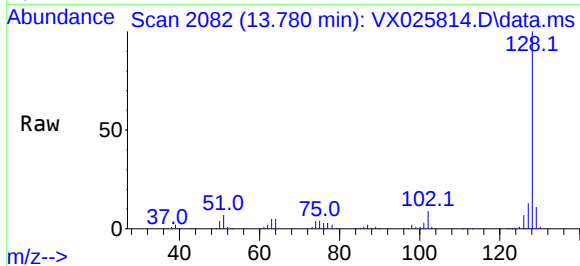
Tgt Ion:225 Resp: 14845
Ion Ratio Lower Upper
225 100
223 61.7 31.6 95.0
227 61.7 32.5 97.5





#95
Naphthalene
Concen: 20.725 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05

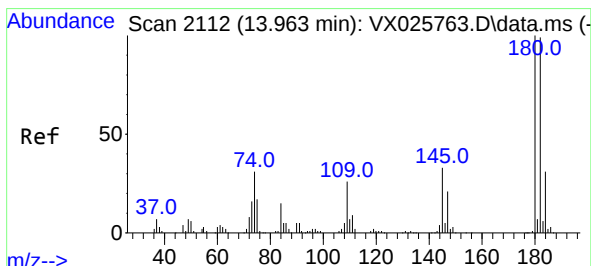
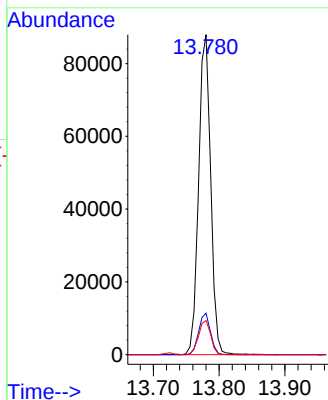
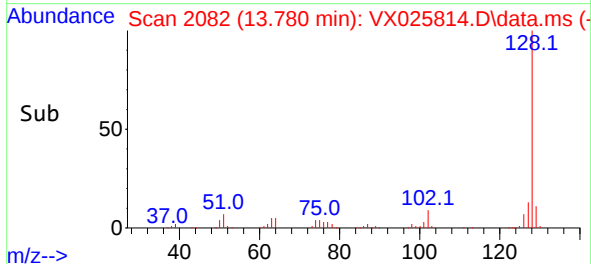
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



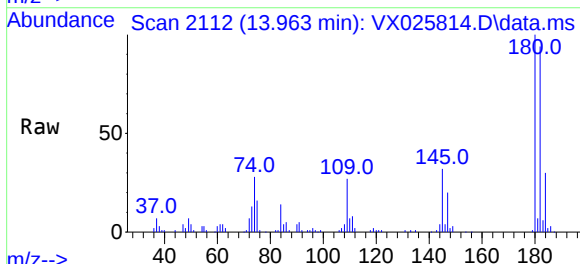
Tgt Ion:128 Resp: 112050
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 22.668 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025814.D
Acq: 15 Dec 2021 15:05



Tgt Ion:180 Resp: 35254
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 33.7 16.7 50.1

