

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021824.D
 Acq On : 17 Aug 2021 18:59
 Operator : SY/MD
 Sample : M3365-16MSD
 Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:11:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	449358	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	430498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	236172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	118833	33.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.660%
7) Chloroethane-d5	1.529	69	27130	10.234	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.460%#
11) 1,1-Dichloroethene-d2	2.073	63	186859	33.416	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.840%
21) 2-Butanone-d5	3.889	46	223467	102.282	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.280%
24) Chloroform-d	4.343	84	265015	43.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	5.027	65	157425	44.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
32) Benzene-d6	5.043	84	495756	40.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.100%
36) 1,2-Dichloropropane-d6	6.069	67	165042	42.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.620%
41) Toluene-d8	7.317	98	445582	38.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.880%#
43) trans-1,3-Dichloroprop...	7.622	79	81768	43.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
47) 2-Hexanone-d5	8.104	63	155280	122.895	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.900%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	262369	54.919	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.840%
66) 1,2-Dichlorobenzene-d4	11.628	152	217050	44.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	147463	42.418	ug/L	98
3) Chloromethane	1.233	50	173620	48.089	ug/L	100
5) Vinyl chloride	1.304	62	176258	49.579	ug/L	97
6) Bromomethane	1.491	94	43543	20.378	ug/L	100
8) Chloroethane	1.545	64	25319	11.918	ug/L	98
9) Trichlorofluoromethane	1.693	101	145778	29.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	115985	41.590	ug/L	98
12) 1,1-Dichloroethene	2.082	96	118017	44.429	ug/L	90
13) Acetone	2.175	43	151442	84.241	ug/L #	100
14) Carbon disulfide	2.259	76	421447	47.155	ug/L	100
15) Methyl Acetate	2.429	43	181069	54.826	ug/L	98
16) Methylene chloride	2.491	84	179748	48.649	ug/L	98
17) trans-1,2-Dichloroethene	2.738	96	159218	51.081	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	503085	52.481	ug/L	99
19) 1,1-Dichloroethane	3.175	63	279126	50.307	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	177411	49.153	ug/L	98
22) 2-Butanone	3.973	43	233839	89.317	ug/L	98
23) Bromochloromethane	4.240	128	94574	49.387	ug/L	97
25) Chloroform	4.372	83	290293	48.624	ug/L	98

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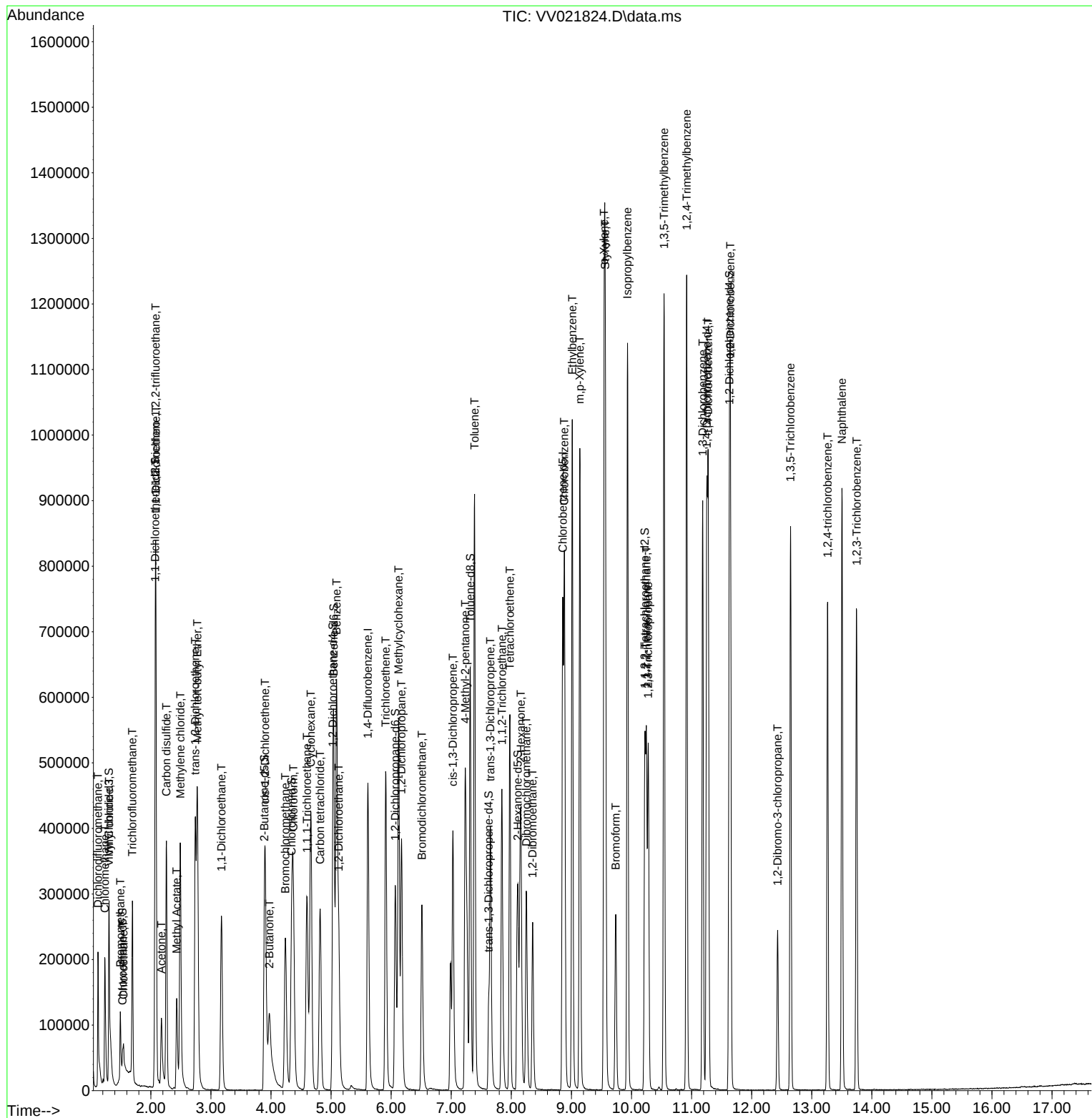
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	207409	49.308	ug/L	100
29) Cyclohexane	4.661	56	245361	46.277	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	253112	46.987	ug/L	99
31) Carbon tetrachloride	4.818	117	215886	46.316	ug/L	100
33) Benzene	5.092	78	639624	48.282	ug/L	100
34) Trichloroethene	5.908	95	171518	45.054	ug/L	98
35) Methylcyclohexane	6.124	83	256059	46.103	ug/L	99
37) 1,2-Dichloropropane	6.172	63	164344	48.993	ug/L	100
38) Bromodichloromethane	6.513	83	211328	47.799	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	265208	49.929	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	495829	107.455	ug/L	99
42) Toluene	7.387	91	694995	49.120	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	251030	50.148	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	170694	50.796	ug/L	99
46) Tetrachloroethene	7.976	164	135593	47.925	ug/L	99
48) 2-Hexanone	8.156	43	385728	107.918	ug/L	98
49) Dibromochloromethane	8.249	129	184078	49.614	ug/L	100
50) 1,2-Dibromoethane	8.355	107	186590	51.025	ug/L	99
51) Chlorobenzene	8.883	112	462356	50.049	ug/L	99
52) Ethylbenzene	9.014	91	755261	50.034	ug/L	99
53) m,p-Xylene	9.140	106	293200	50.118	ug/L	100
54) o-Xylene	9.545	106	293820	50.668	ug/L	99
55) Styrene	9.564	104	511252	52.648	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	270832	57.895	ug/L	99
59) Bromoform	9.738	173	135758	48.355	ug/L	99
60) Isopropylbenzene	9.934	105	776132	49.018	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	219859	50.374	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	657572	49.489	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	681103	50.415	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	376042	49.042	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	380171	49.671	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	383841	49.623	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	54900	51.737	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	273871	49.274	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	227348	48.771	ug/L	99
71) Naphthalene	13.503	128	722147	53.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	231089	49.347	ug/L	99

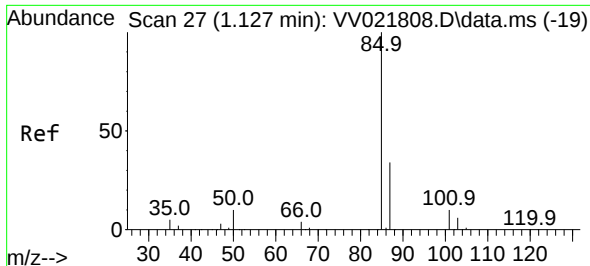
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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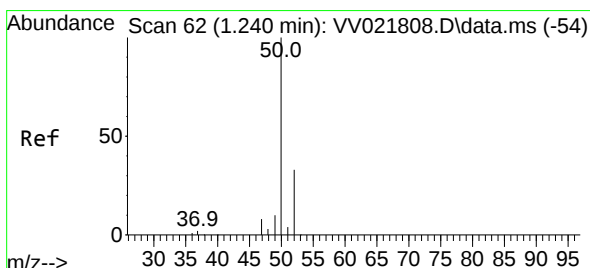
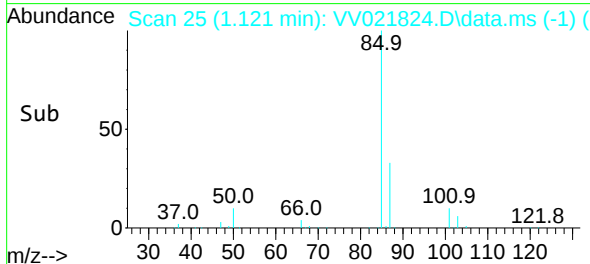
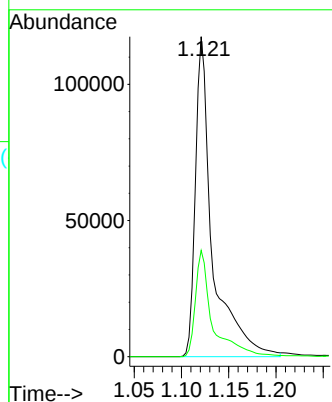
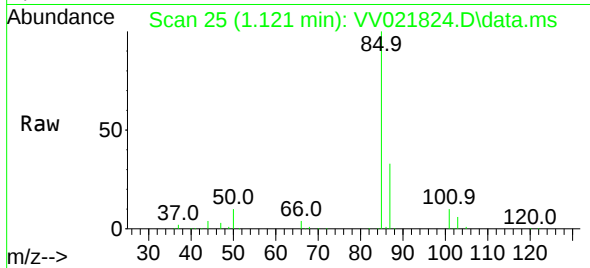




#2
 Dichlorodifluoromethane
 Concen: 42.418 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.006 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

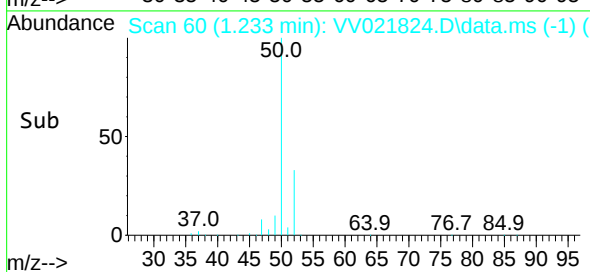
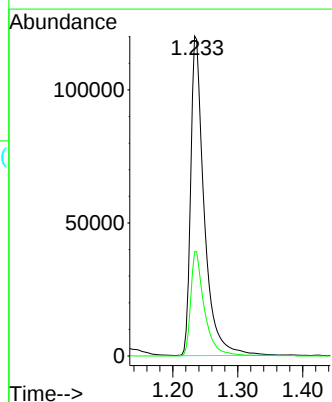
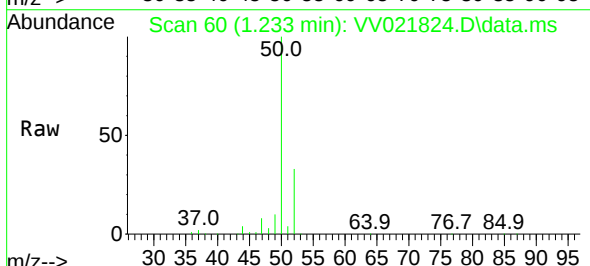
Instrument :
 MSVOA_V
 ClientSampled :

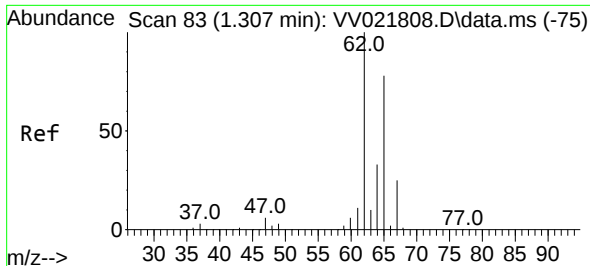
Tgt Ion: 85 Resp: 147463
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.1 39.1



#3
 Chloromethane
 Concen: 48.089 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

Tgt Ion: 50 Resp: 173620
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.7 42.1

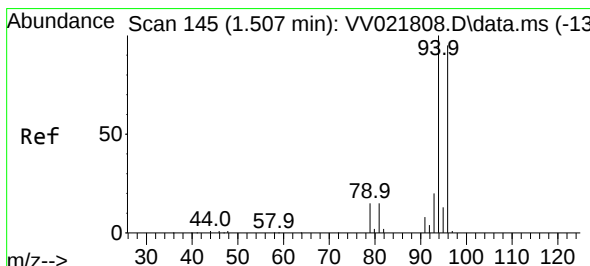
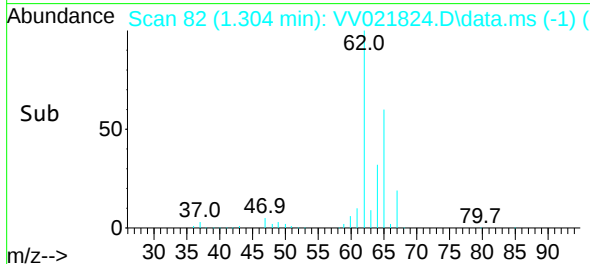
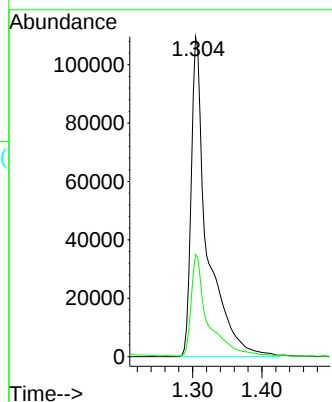
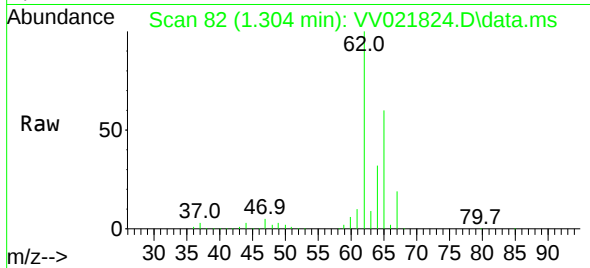




#5
 Vinyl chloride
 Concen: 49.579 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

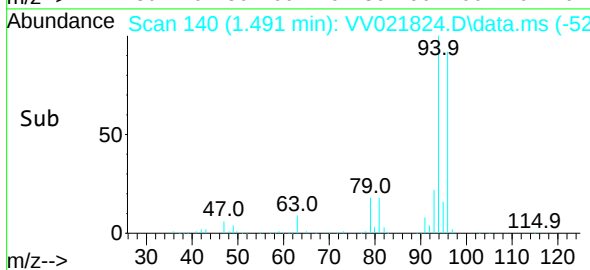
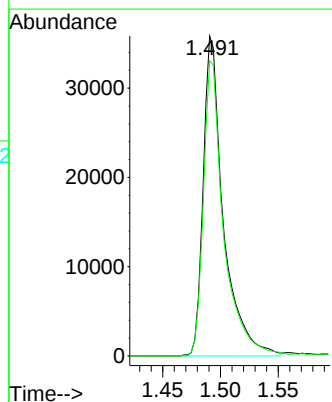
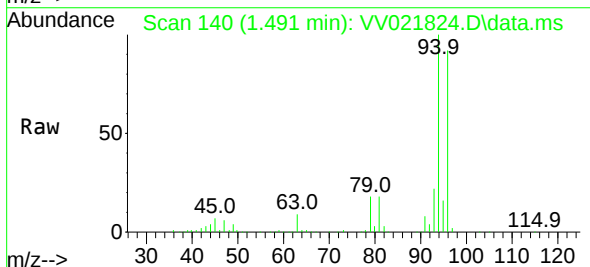
Instrument :
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 ClientSampled :

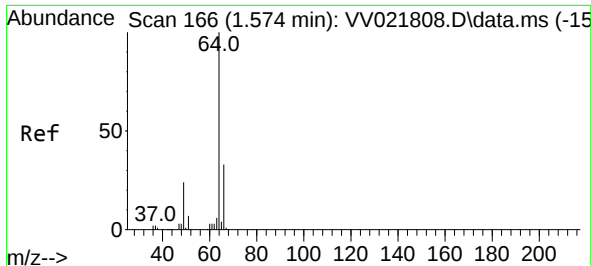
Tgt Ion: 62 Resp: 176258
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.4 43.4



#6
 Bromomethane
 Concen: 20.378 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.016 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

Tgt Ion: 94 Resp: 43543
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.8 120.3

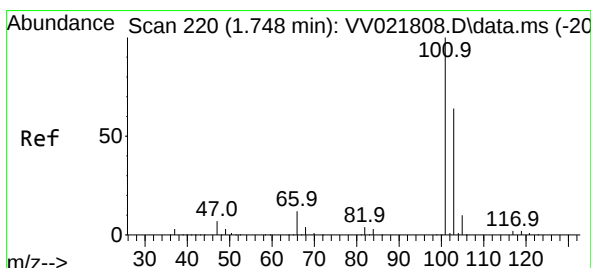
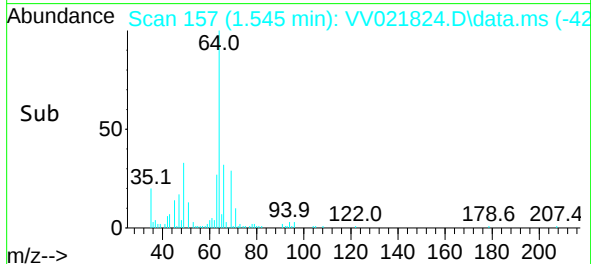
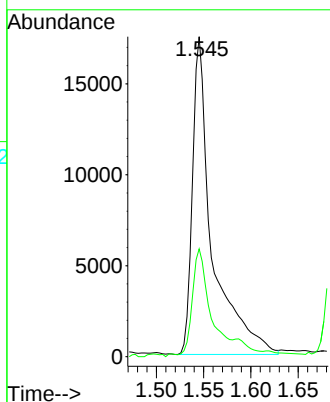
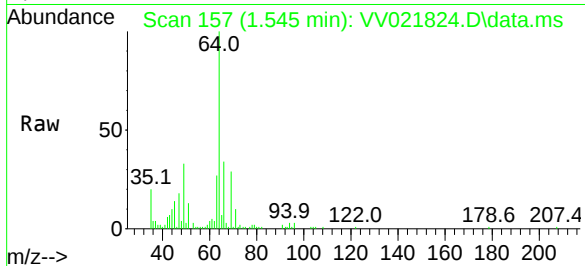




#8
Chloroethane
Concen: 11.918 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.029 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

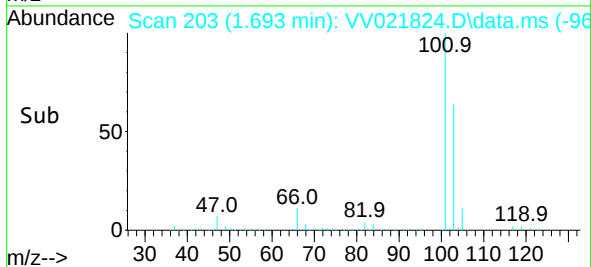
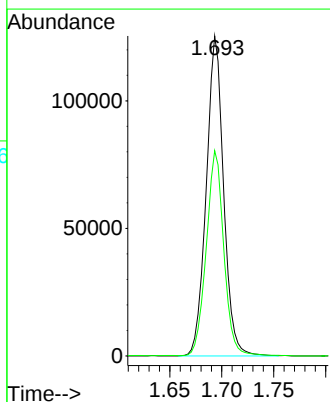
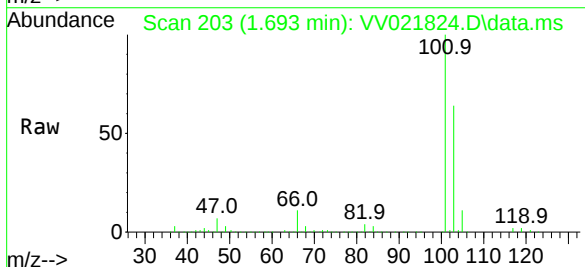
Instrument :
MSVOA_V
ClientSampled :

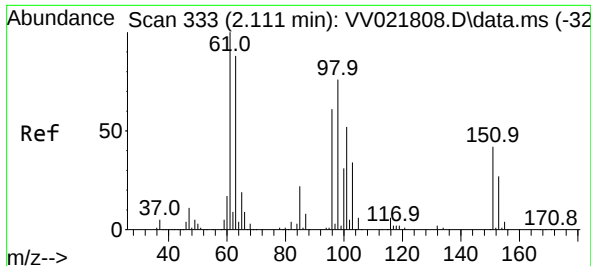
Tgt Ion: 64 Resp: 25319
Ion Ratio Lower Upper
64 100
66 33.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 29.928 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.055 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:101 Resp: 145778
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 41.590 ug/L

RT: 2.079 min Scan# 323

Delta R.T. -0.032 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

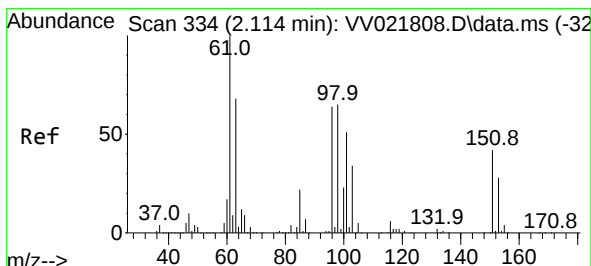
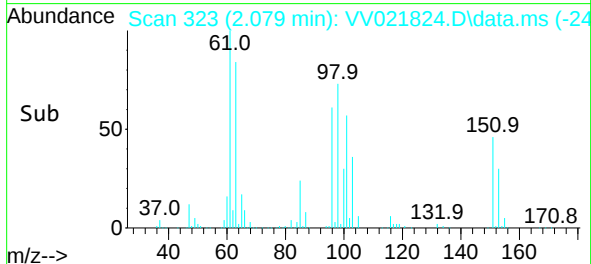
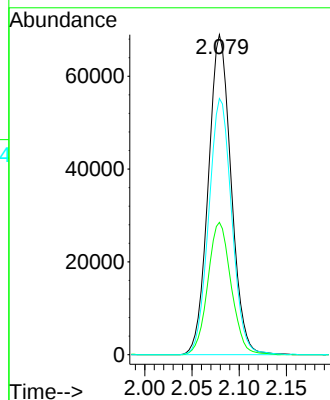
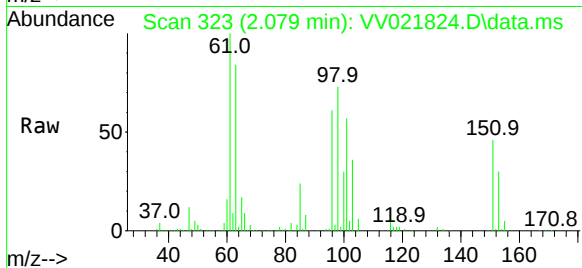
Tgt Ion:101 Resp: 115985

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

151 80.8 62.2 93.2



#12

1,1-Dichloroethene

Concen: 44.429 ug/L

RT: 2.082 min Scan# 324

Delta R.T. -0.032 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

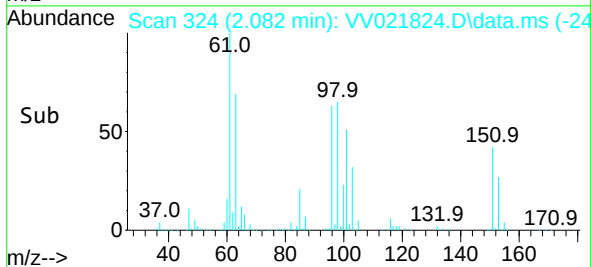
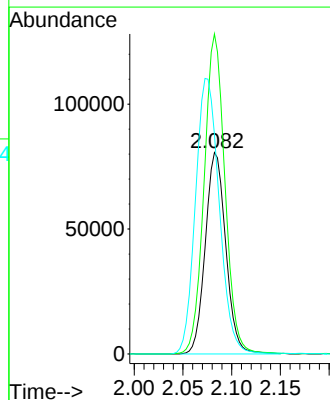
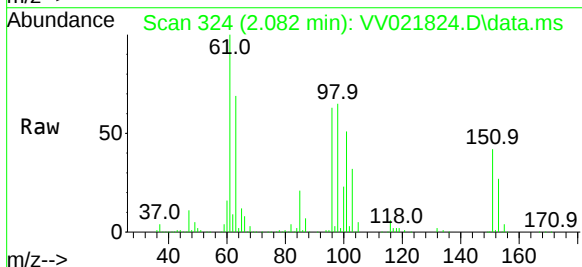
Tgt Ion: 96 Resp: 118017

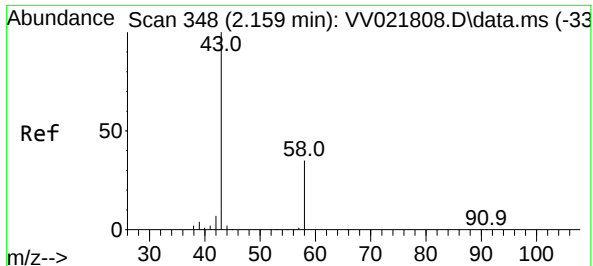
Ion Ratio Lower Upper

96 100

61 158.8 115.5 214.5

63 109.0 90.3 167.7

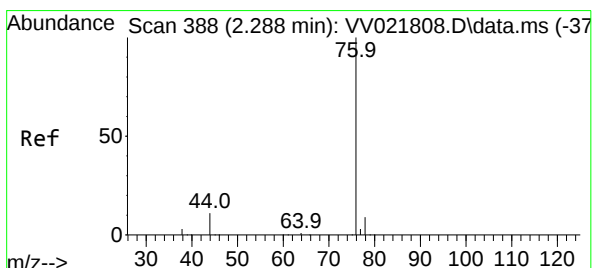
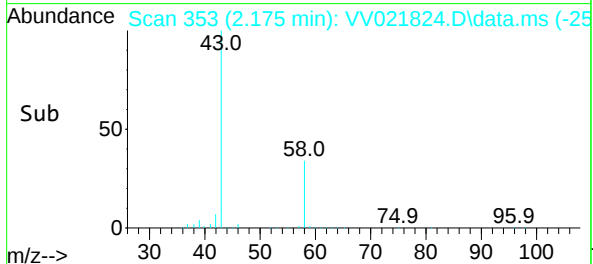
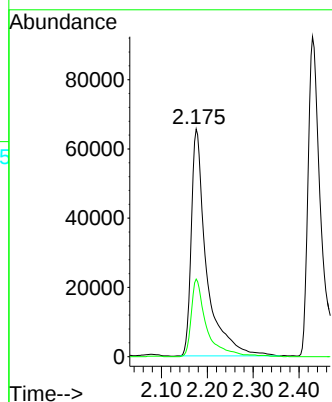
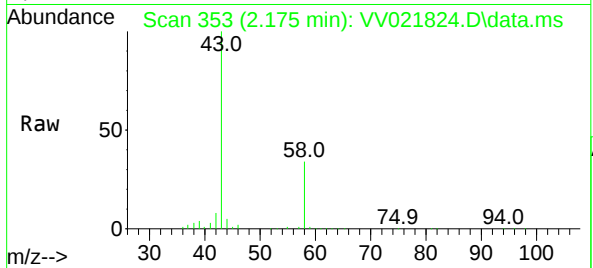




#13
Acetone
Concen: 84.241 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.016 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

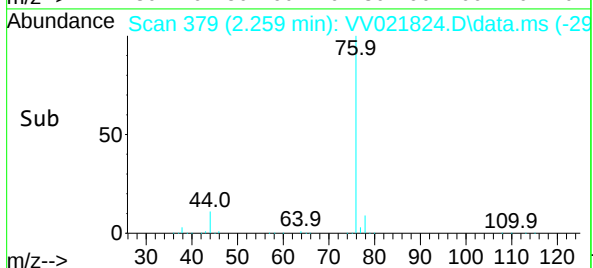
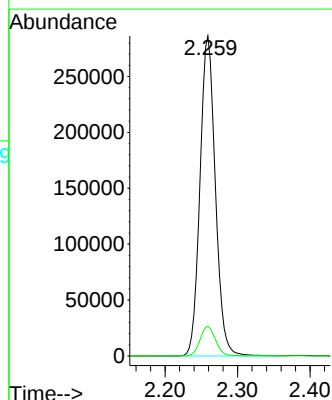
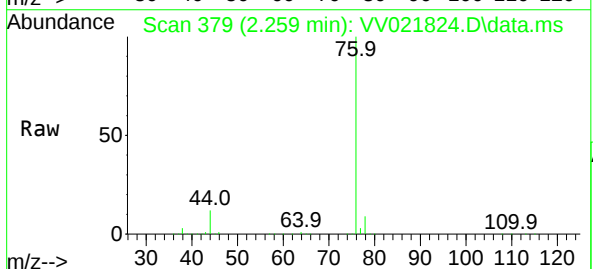
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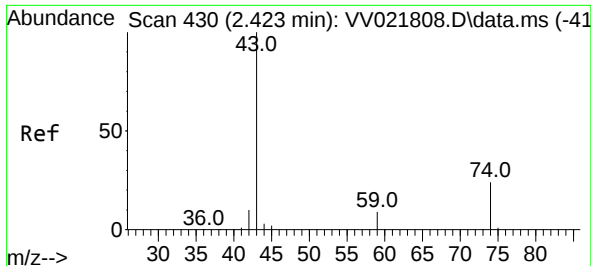
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Ion Ratio Lower Upper
43 100
58 33.6 0.0 0.0#



#14
Carbon disulfide
Concen: 47.155 ug/L
RT: 2.259 min Scan# 379
Delta R.T. -0.029 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 76 Resp: 421447
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

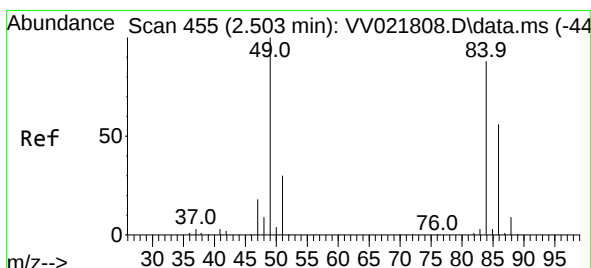
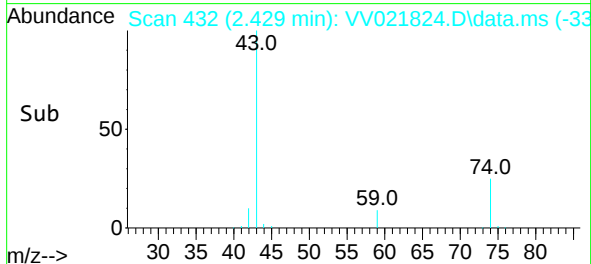
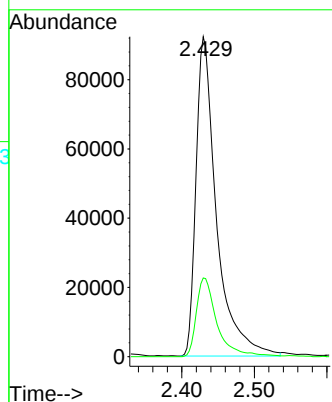
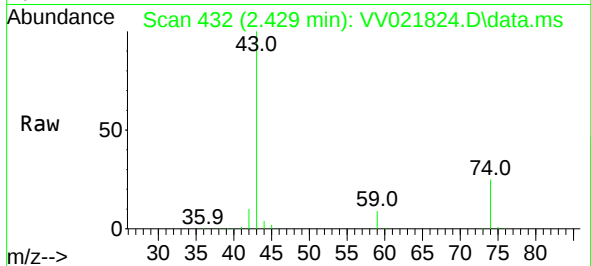




#15
Methyl Acetate
Concen: 54.826 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.006 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

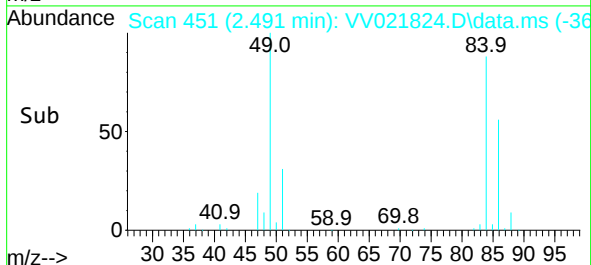
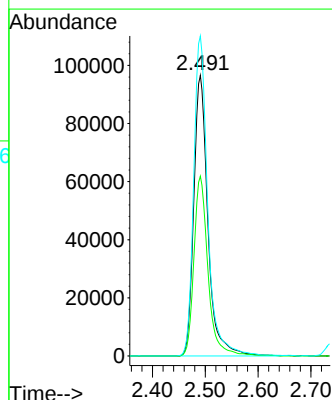
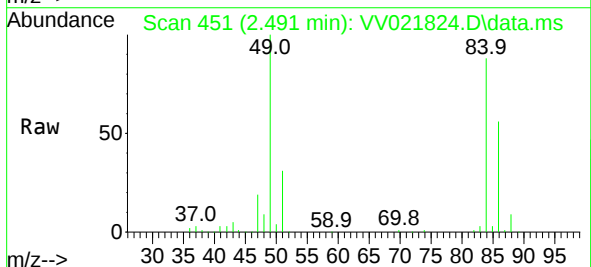
Instrument :
MSVOA_V
ClientSampled :

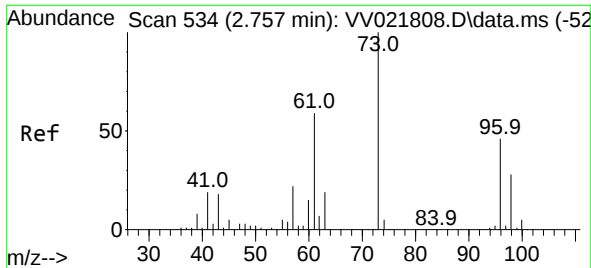
Tgt Ion: 43 Resp: 181069
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.6



#16
Methylene chloride
Concen: 48.649 ug/L
RT: 2.491 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 84 Resp: 179748
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 114.0 82.5 153.3

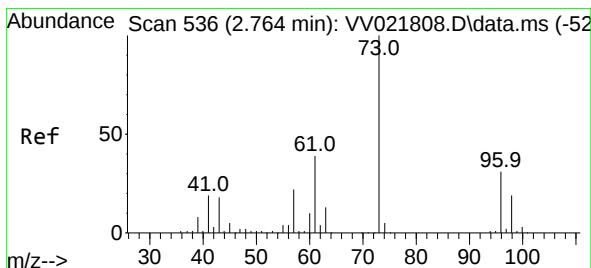
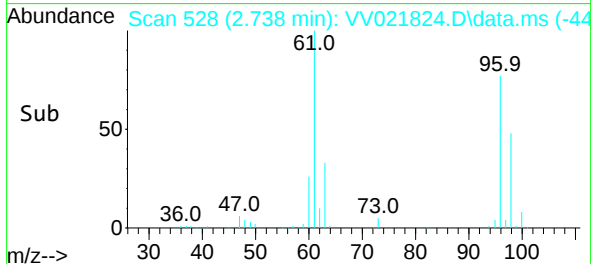
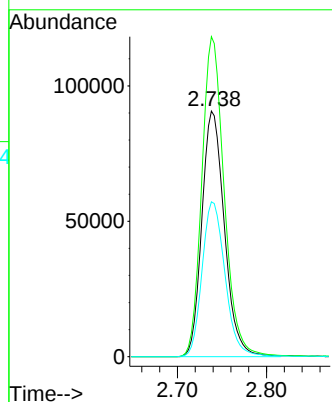
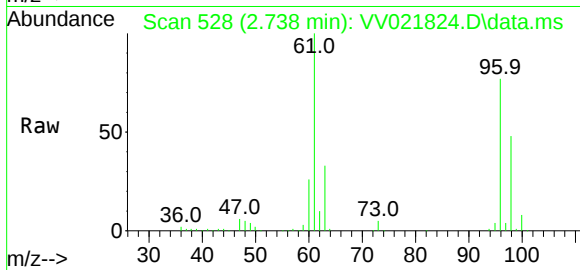




#17
trans-1,2-Dichloroethene
Concen: 51.081 ug/L
RT: 2.738 min Scan# 528
Delta R.T. -0.019 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

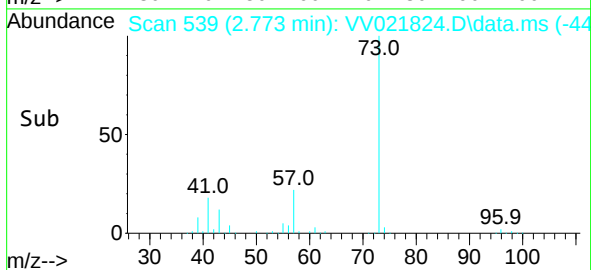
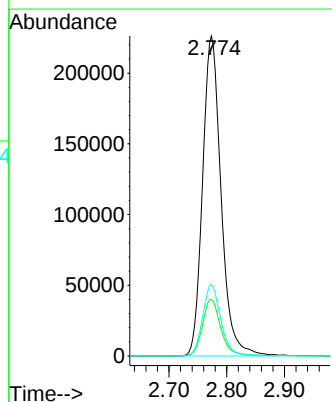
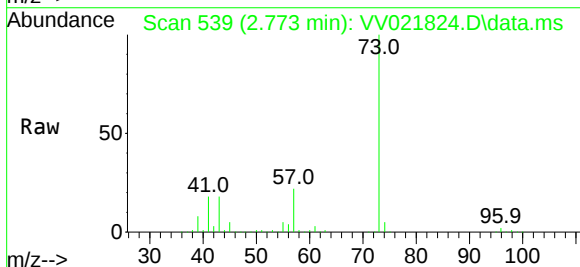
Instrument :
MSVOA_V
ClientSampleId :

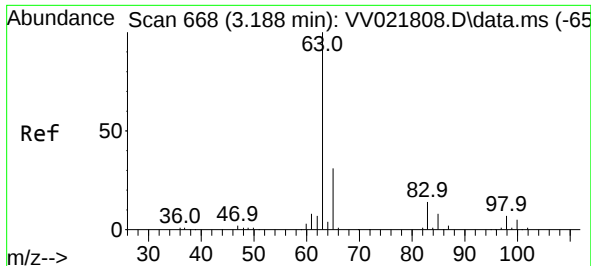
Tgt Ion: 96 Resp: 159218
Ion Ratio Lower Upper
96 100
61 130.3 90.4 168.0
98 63.1 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 52.481 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 73 Resp: 503085
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.307 ug/L

RT: 3.175 min Scan# 664

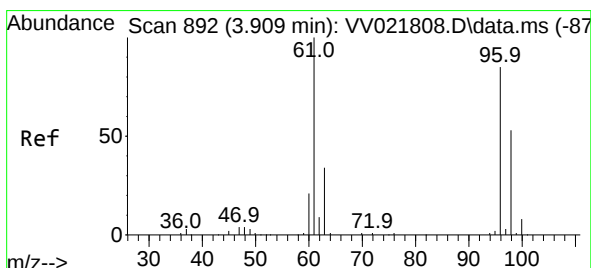
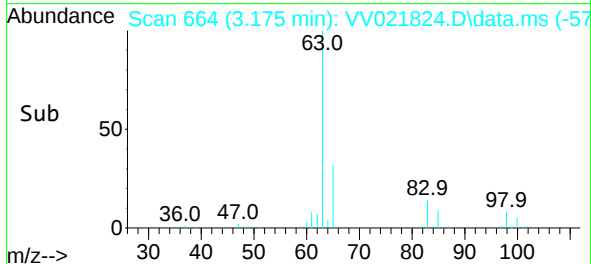
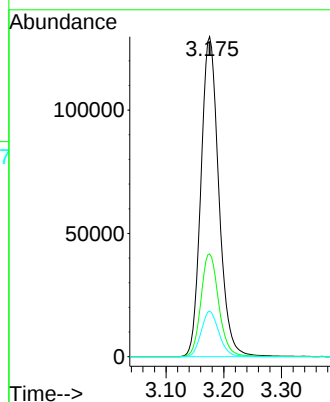
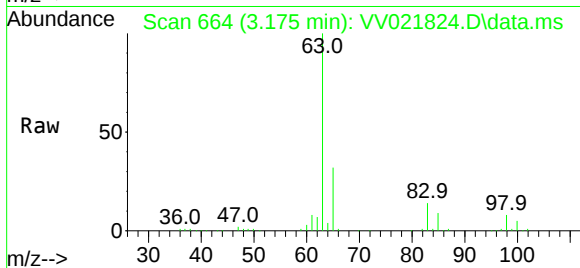
Delta R.T. -0.013 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion: 63 Resp: 279126

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.6
83	14.3	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 49.153 ug/L

RT: 3.902 min Scan# 890

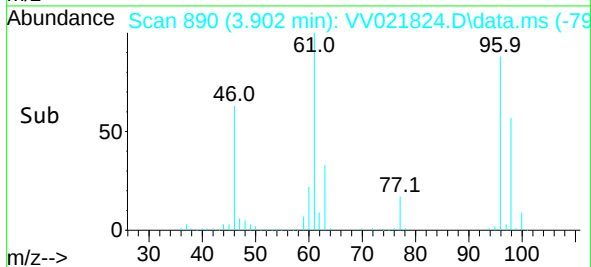
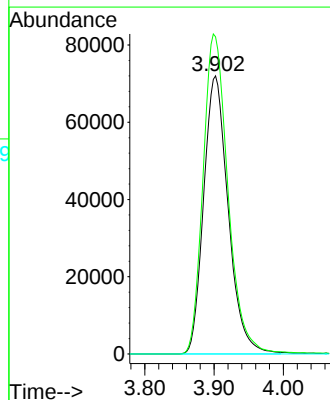
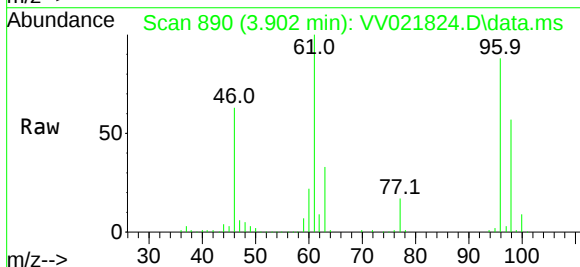
Delta R.T. -0.006 min

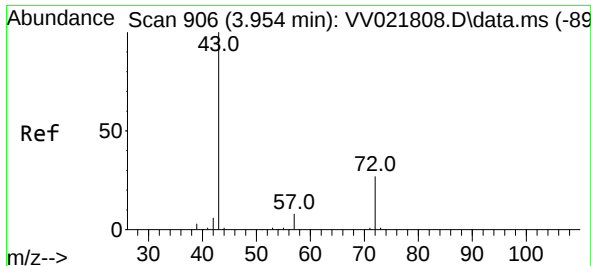
Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion: 96 Resp: 177411

Ion	Ratio	Lower	Upper
96	100		
61	114.1	81.0	150.4
68	0.0	0.0	0.0

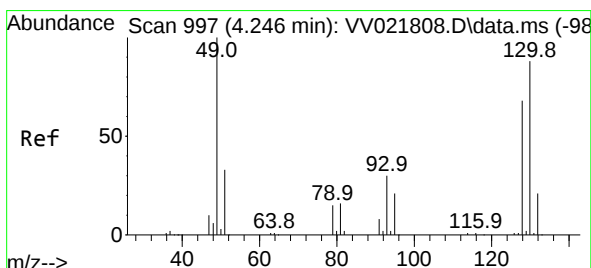
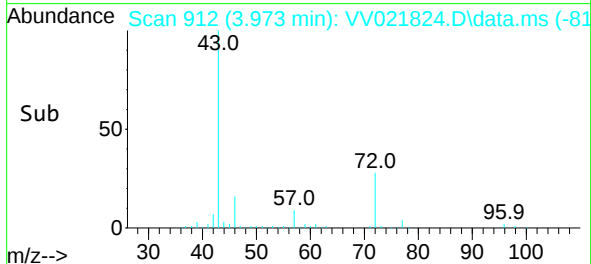
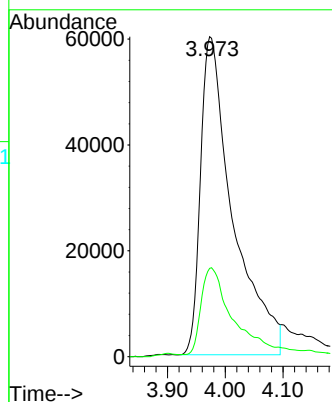
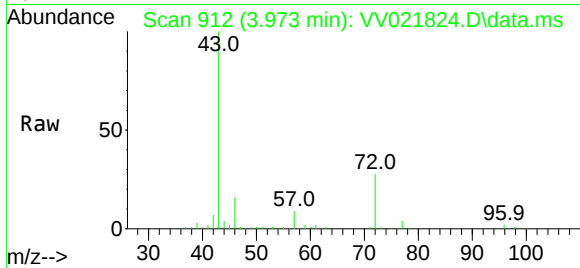




#22
2-Butanone
Concen: 89.317 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.019 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

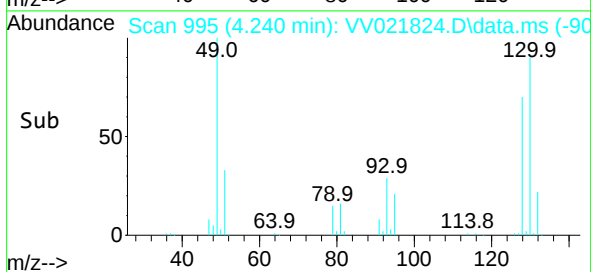
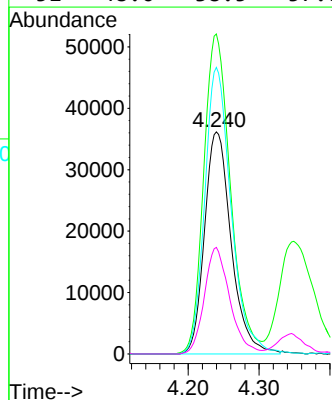
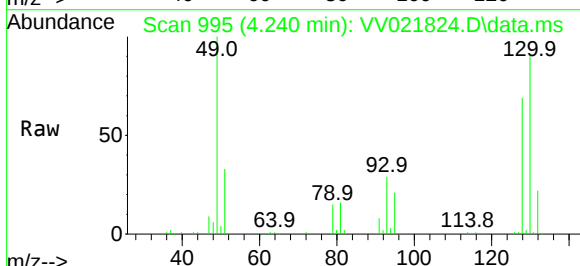
Instrument :
MSVOA_V
ClientSampled :

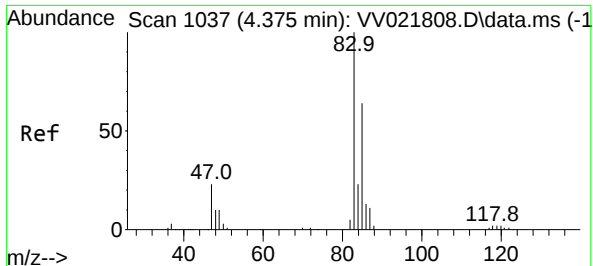
Tgt Ion: 43 Resp: 233839
Ion Ratio Lower Upper
43 100
72 26.0 13.6 40.8



#23
Bromochloromethane
Concen: 49.387 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.006 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:128 Resp: 94574
Ion Ratio Lower Upper
128 100
49 144.1 105.6 196.0
130 129.1 89.5 166.1
51 48.0 38.5 57.7





#25

Chloroform

Concen: 48.624 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021824.D

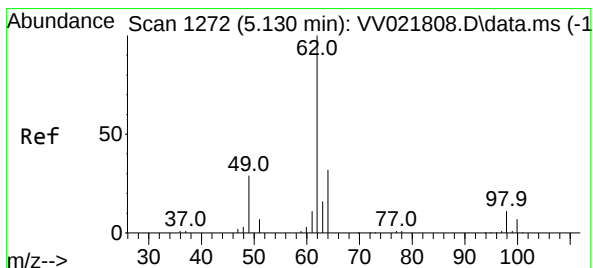
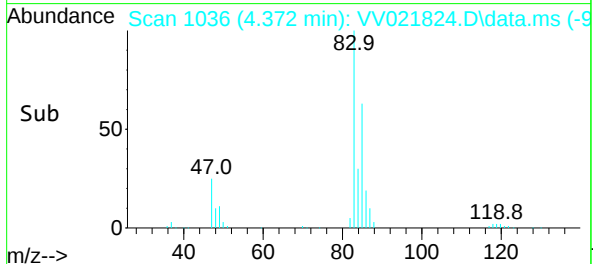
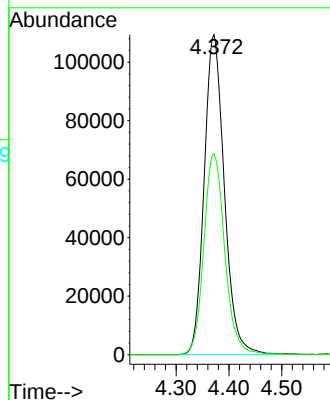
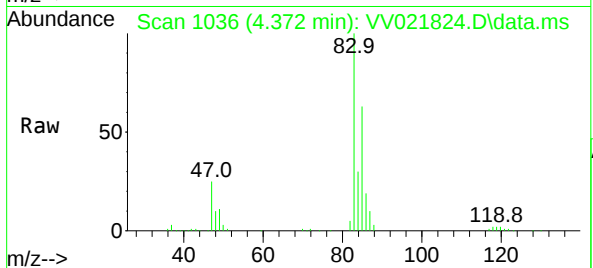
Acq: 17 Aug 2021 18:59

Tgt Ion: 83 Resp: 290293

Ion Ratio Lower Upper

83 100

85 62.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 49.308 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021824.D

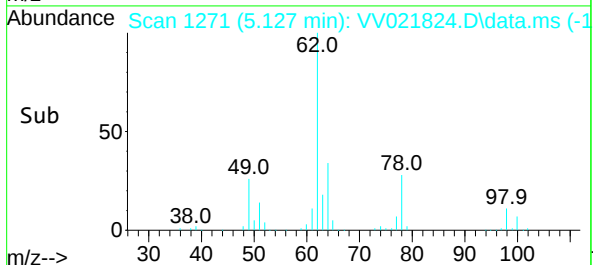
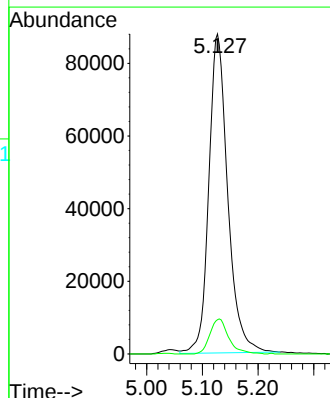
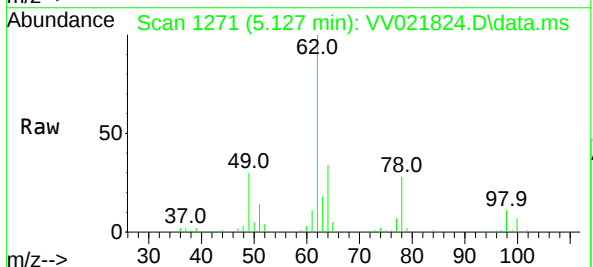
Acq: 17 Aug 2021 18:59

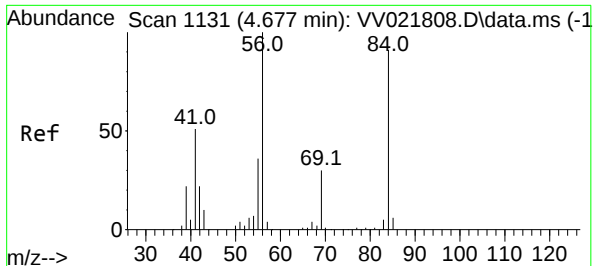
Tgt Ion: 62 Resp: 207409

Ion Ratio Lower Upper

62 100

98 10.7 8.6 13.0





#29

Cyclohexane

Concen: 46.277 ug/L

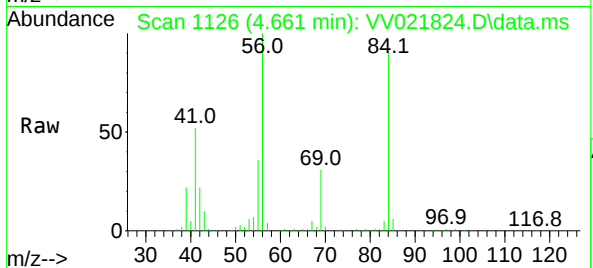
RT: 4.661 min Scan# 1126

Delta R.T. -0.016 min

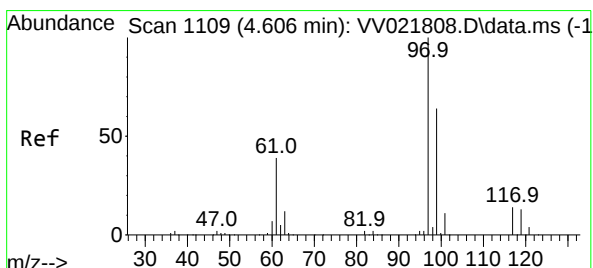
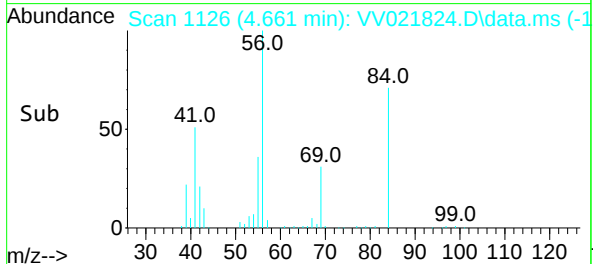
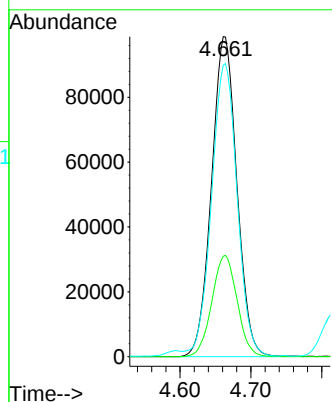
Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:	56	Resp:	245361
Ion Ratio	100	Lower	Upper
56	100		
69	31.4	24.9	37.3
84	92.6	72.6	109.0



#30

1,1,1-Trichloroethane

Concen: 46.987 ug/L

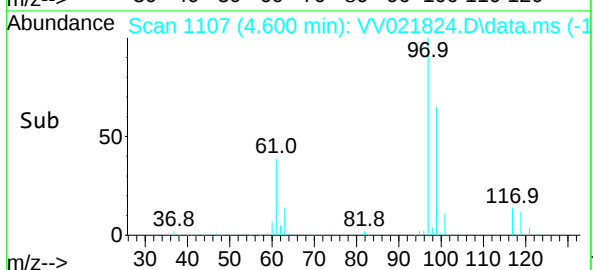
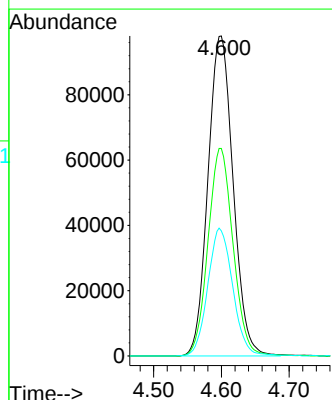
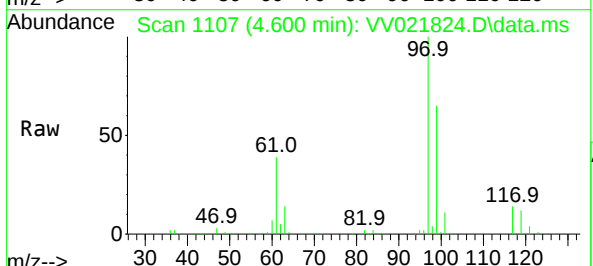
RT: 4.600 min Scan# 1107

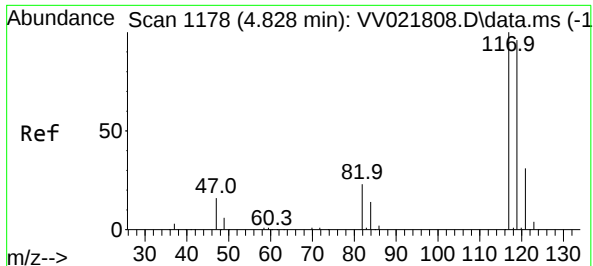
Delta R.T. -0.006 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion:	97	Resp:	253112
Ion Ratio	100	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	39.6	32.3	48.5

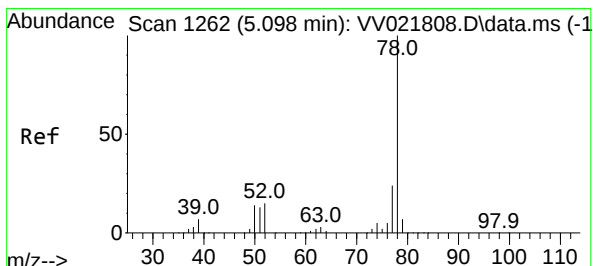
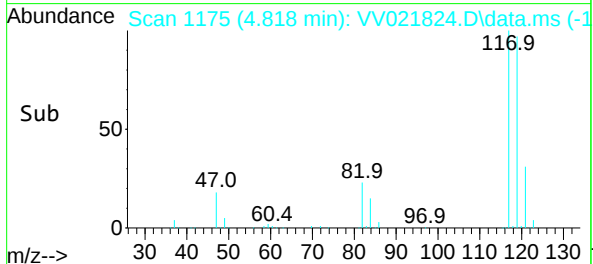
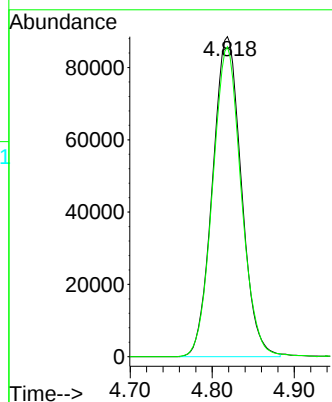
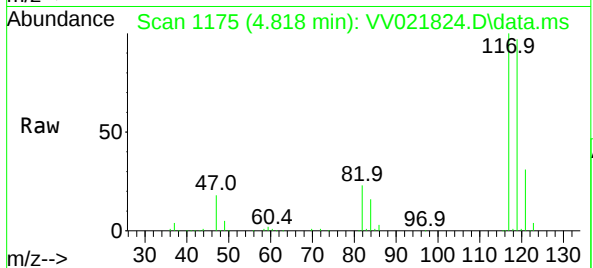




#31
Carbon tetrachloride
Concen: 46.316 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.010 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

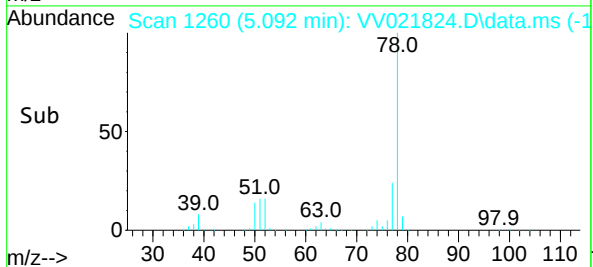
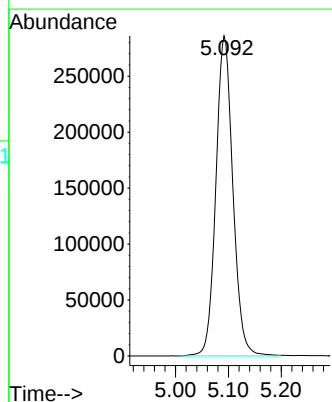
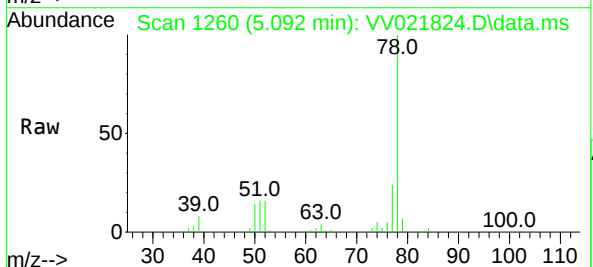
Instrument :
MSVOA_V
ClientSampleId :

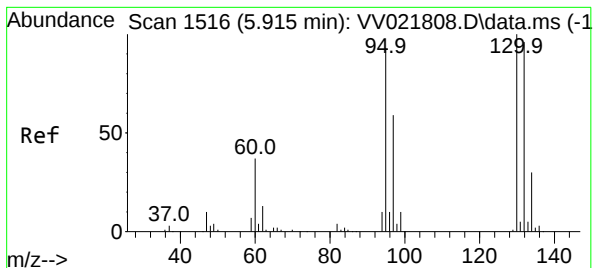
Tgt Ion:117 Resp: 215886
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 48.282 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 78 Resp: 639624





#34

Trichloroethene

Concen: 45.054 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.006 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion: 95 Resp: 171518

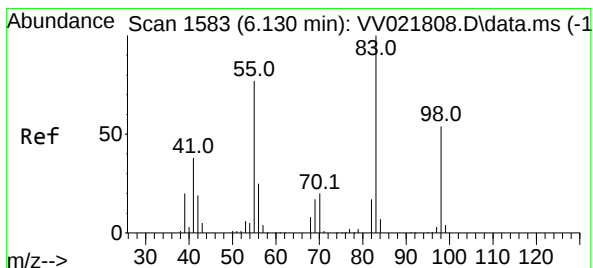
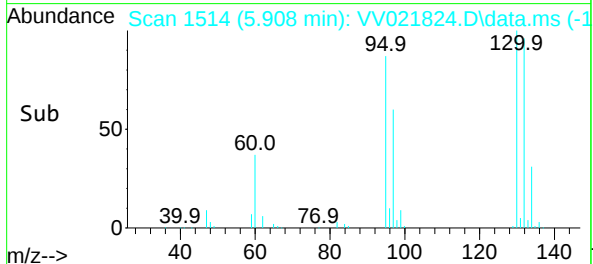
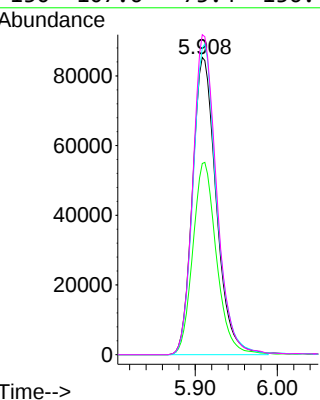
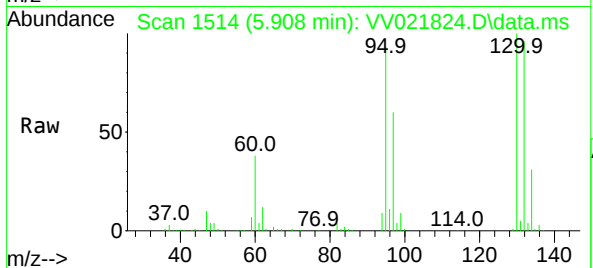
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 103.2 70.2 130.4

130 107.6 73.4 136.4



#35

Methylcyclohexane

Concen: 46.103 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.006 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

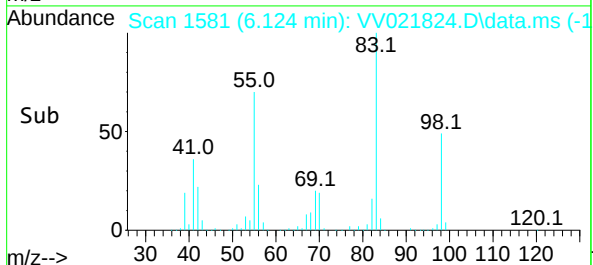
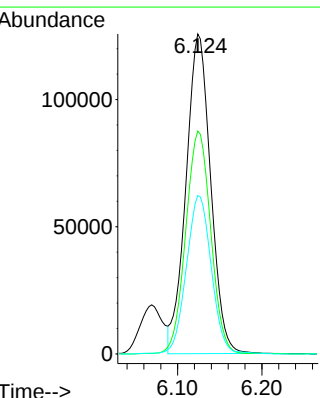
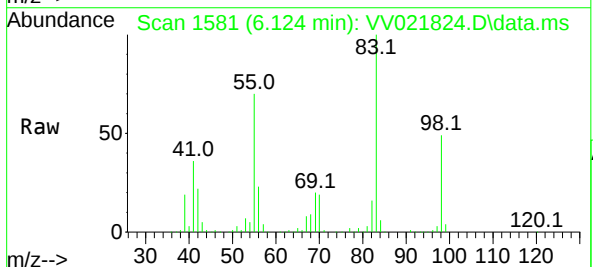
Tgt Ion: 83 Resp: 256059

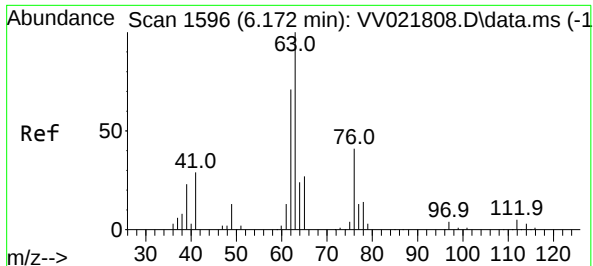
Ion Ratio Lower Upper

83 100

55 70.8 57.9 86.9

98 50.3 39.9 59.9

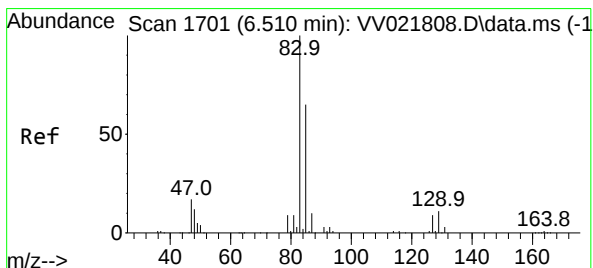
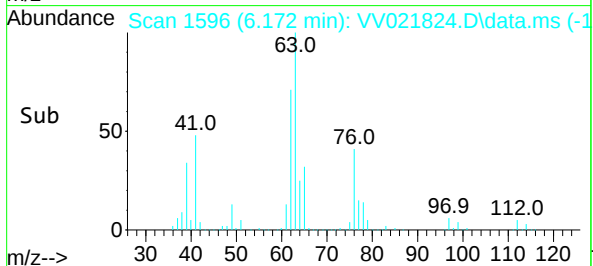
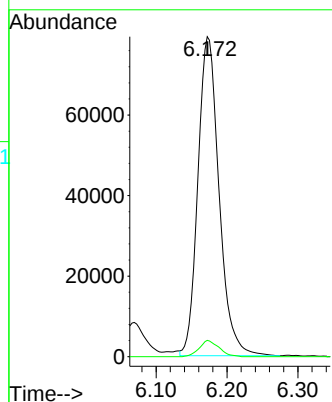
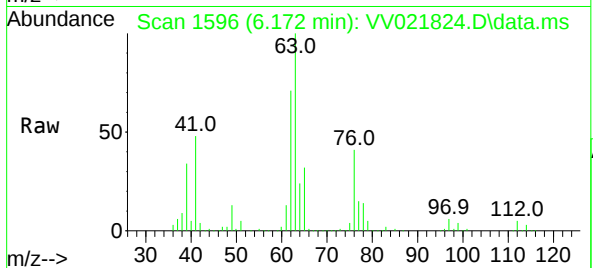




#37
1,2-Dichloropropane
Concen: 48.993 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

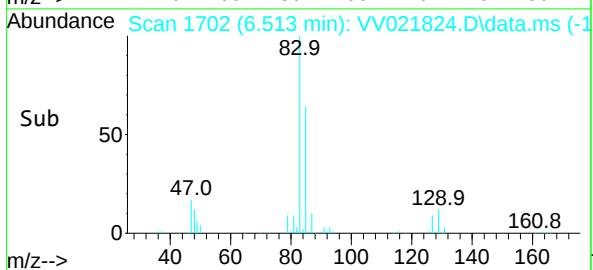
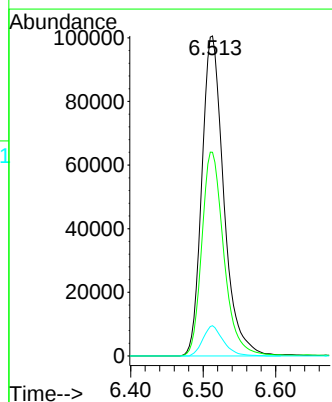
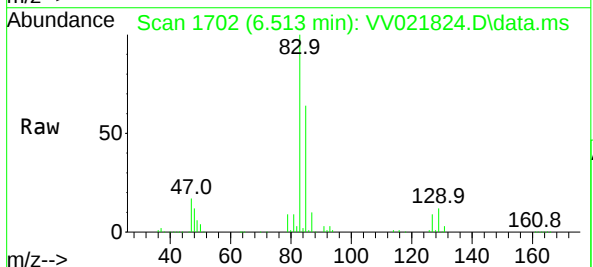
Instrument :
MSVOA_V
ClientSampled :

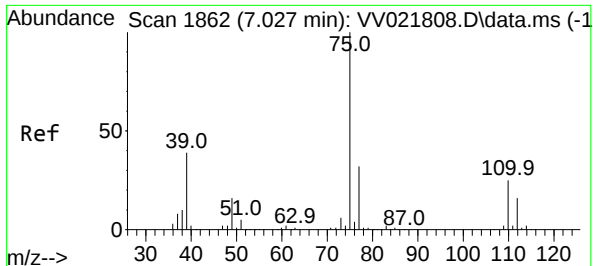
Tgt Ion: 63 Resp: 164344
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 47.799 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 83 Resp: 211328
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9
127 9.5 7.4 11.2

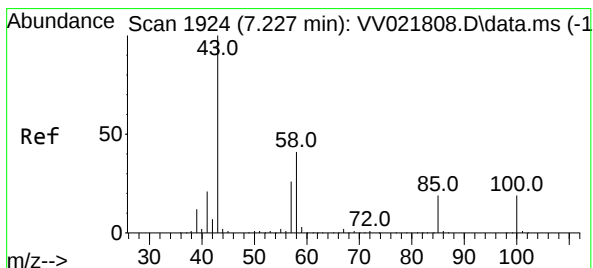
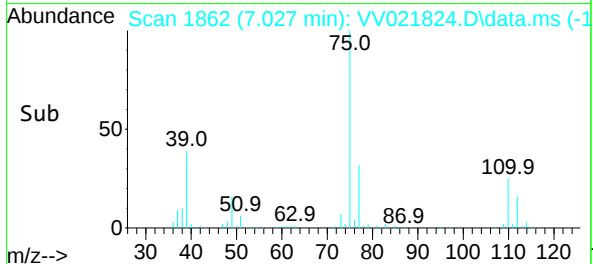
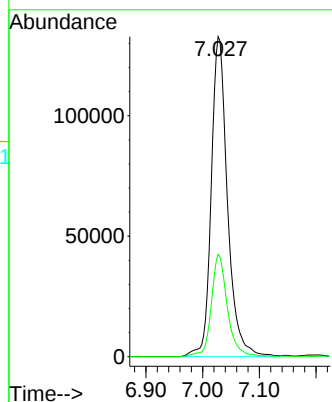
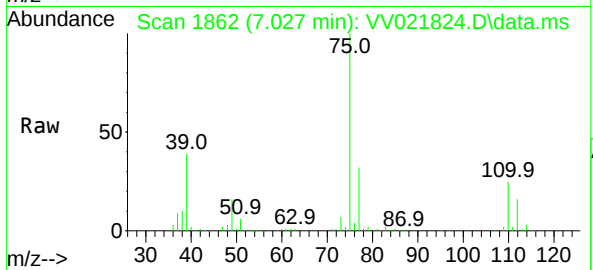




#39
 cis-1,3-Dichloropropene
 Concen: 49.929 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

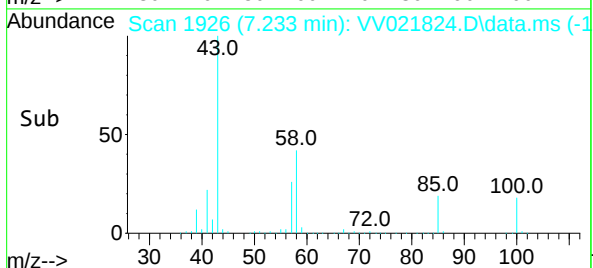
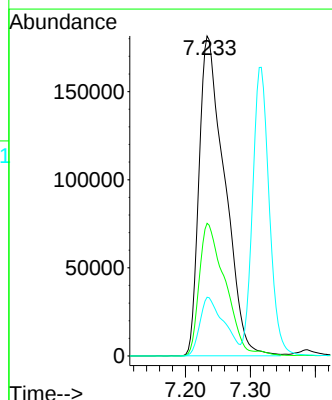
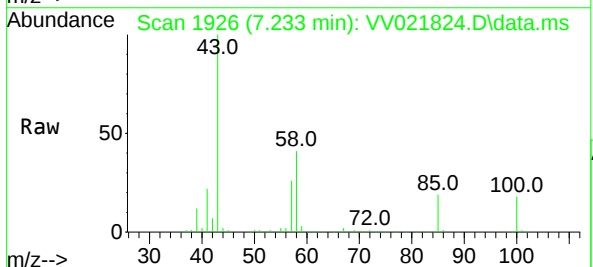
Instrument :
 MSVOA_V
 ClientSampled :

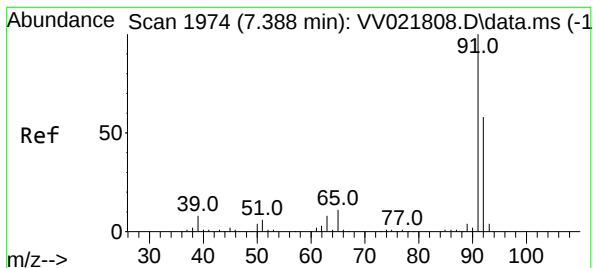
Tgt Ion: 75 Resp: 265208
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 107.455 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.006 min
 Lab File: VV021824.D
 Acq: 17 Aug 2021 18:59

Tgt Ion: 43 Resp: 495829
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.9 49.3
 100 17.5 14.0 21.0





#42

Toluene

Concen: 49.120 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV021824.D

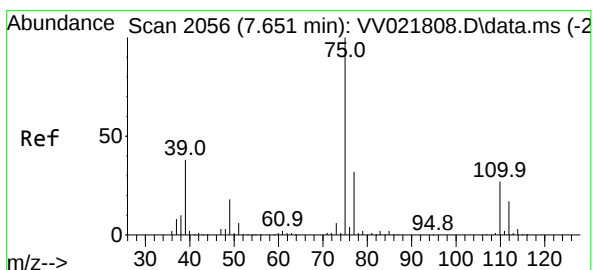
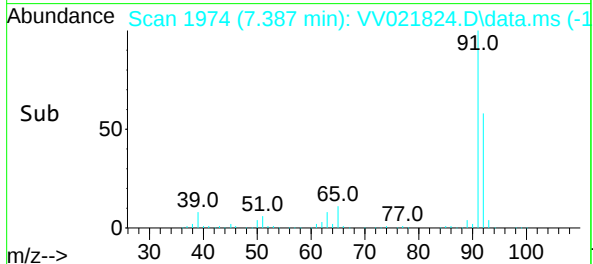
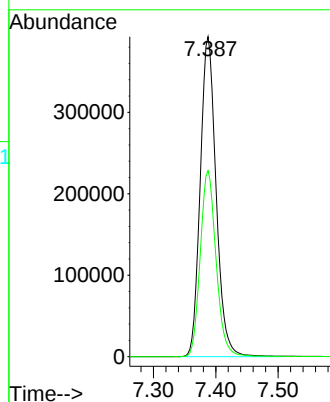
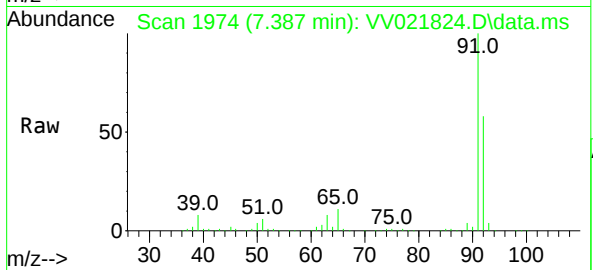
Acq: 17 Aug 2021 18:59

Tgt Ion: 91 Resp: 694995

Ion Ratio Lower Upper

91 100

92 58.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 50.148 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV021824.D

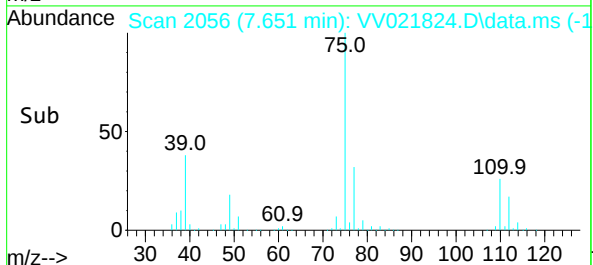
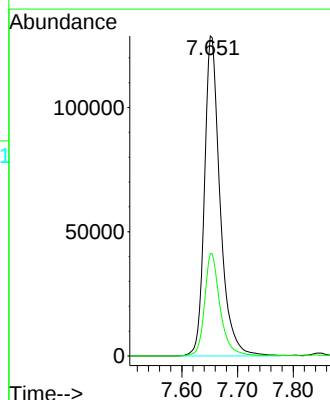
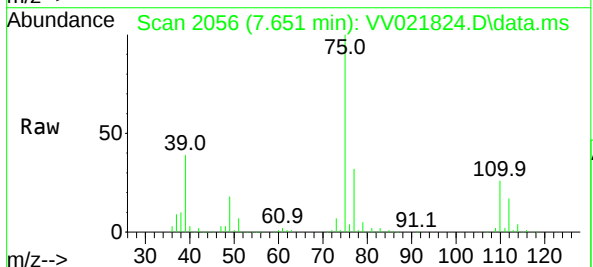
Acq: 17 Aug 2021 18:59

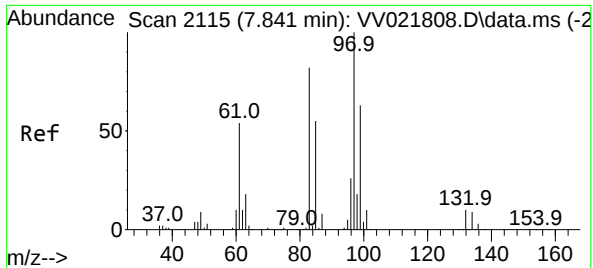
Tgt Ion: 75 Resp: 251030

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 50.796 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion: 97 Resp: 170694

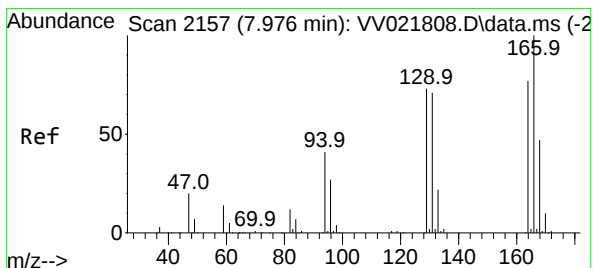
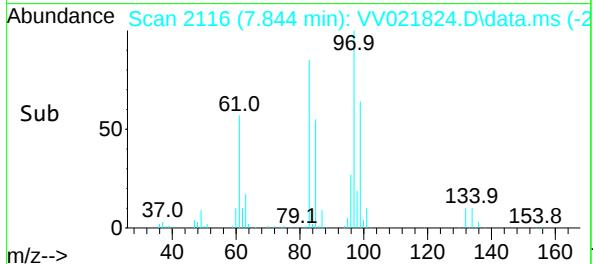
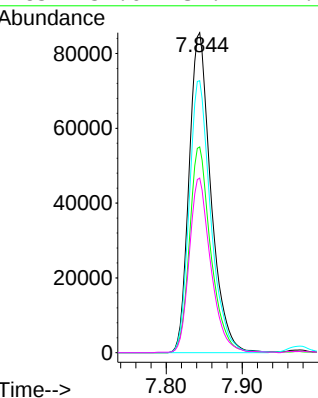
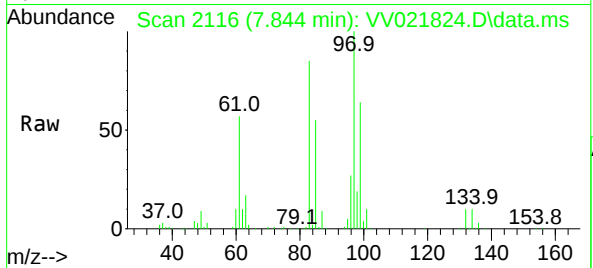
Ion Ratio Lower Upper

97 100

99 64.3 44.2 82.0

83 85.0 59.2 110.0

85 54.6 39.2 72.8



#46

Tetrachloroethene

Concen: 47.925 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion: 164 Resp: 135593

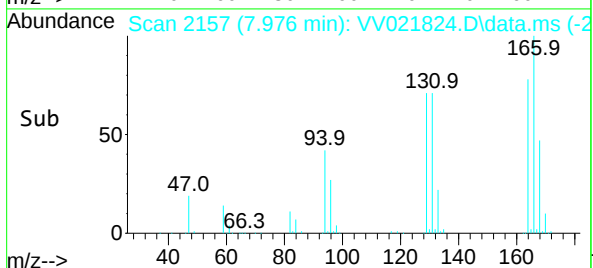
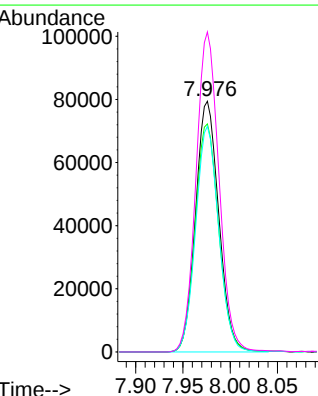
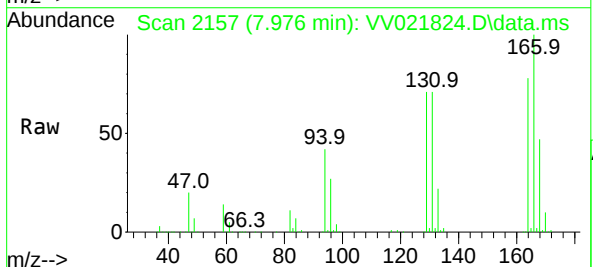
Ion Ratio Lower Upper

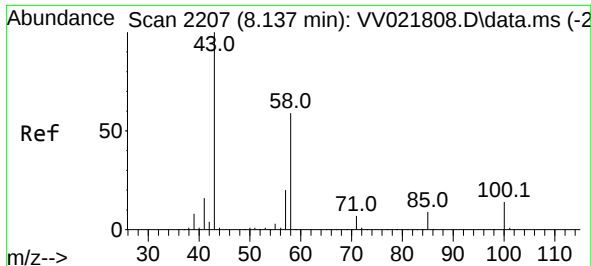
164 100

129 90.9 63.7 118.3

131 90.0 61.5 114.3

166 127.6 88.6 164.6

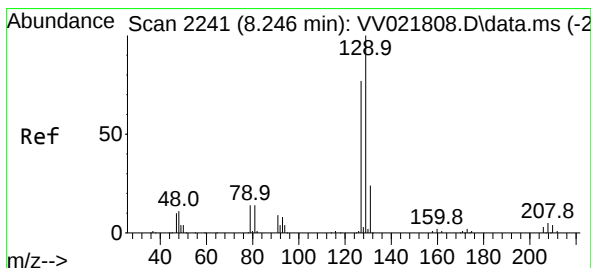
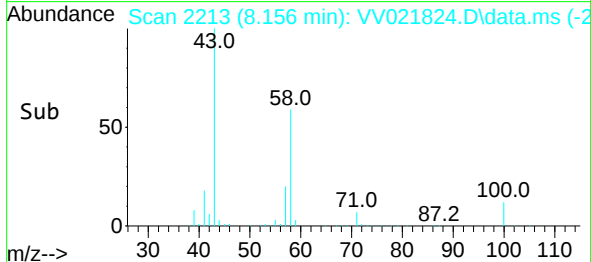
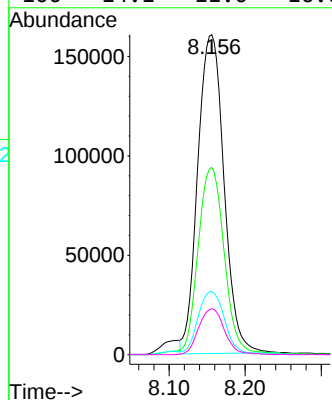
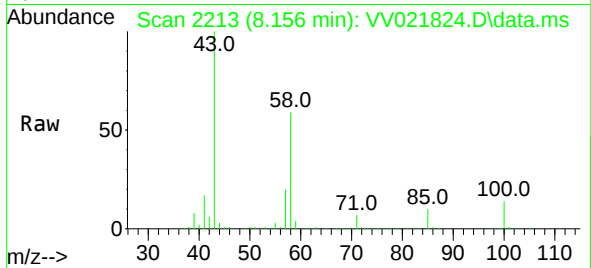




#48
2-Hexanone
Concen: 107.918 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.019 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

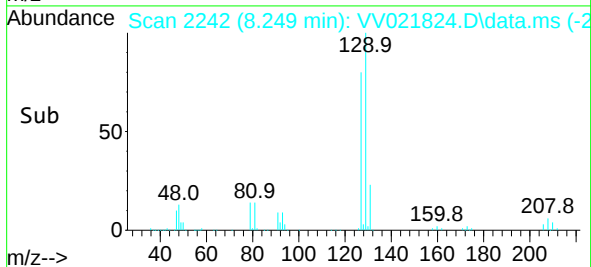
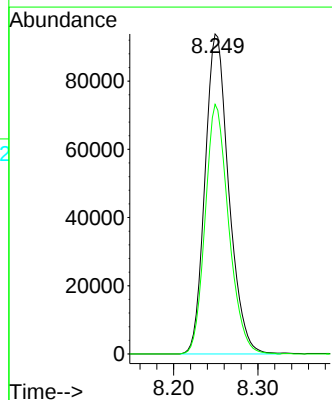
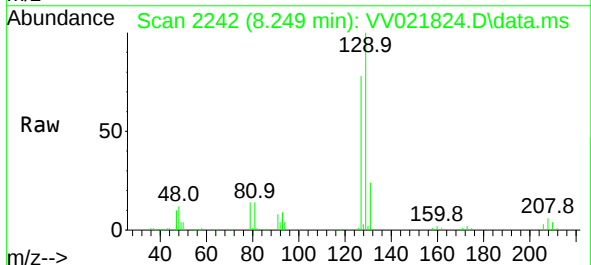
Instrument :
MSVOA_V
ClientSampleId :

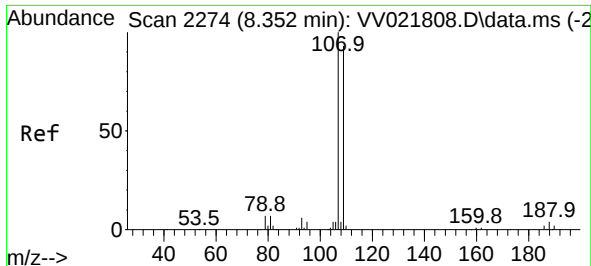
Tgt Ion:	43	Resp:	385728
Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.4	68.2
57	19.7	15.3	22.9
100	14.1	11.0	16.6



#49
Dibromochloromethane
Concen: 49.614 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:	129	Resp:	184078
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.9	101.9





#50

1,2-Dibromoethane

Concen: 51.025 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

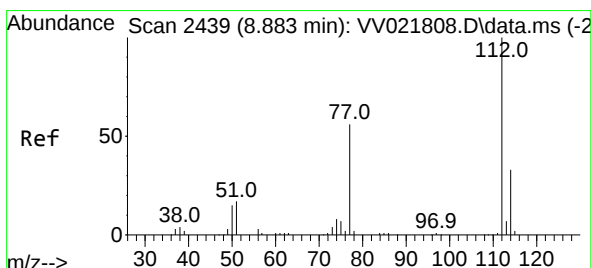
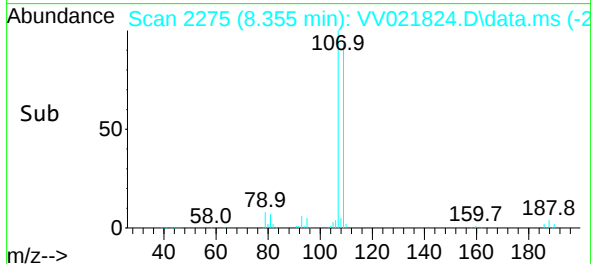
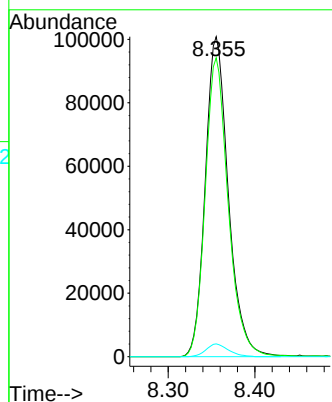
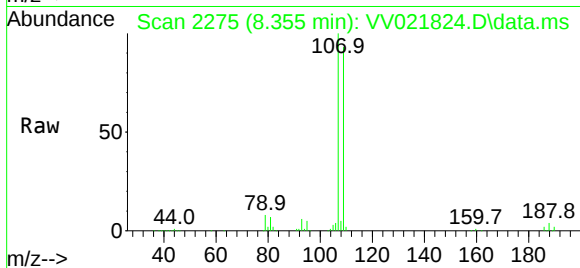
Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 186590

Ion	Ratio	Lower	Upper
107	100		
109	93.4	66.3	123.1
188	4.0	3.0	4.4



#51

Chlorobenzene

Concen: 50.049 ug/L

RT: 8.883 min Scan# 2439

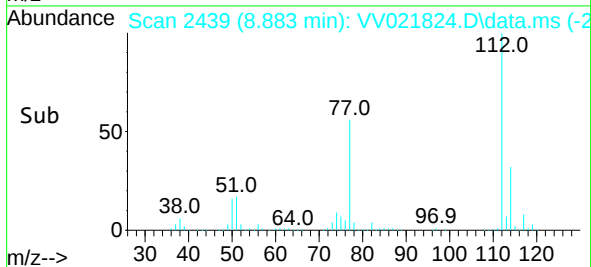
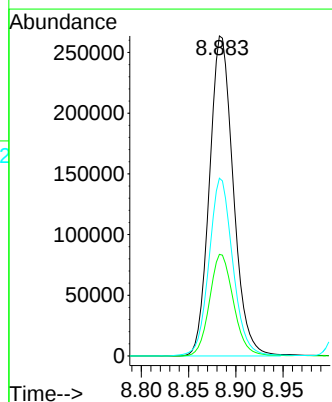
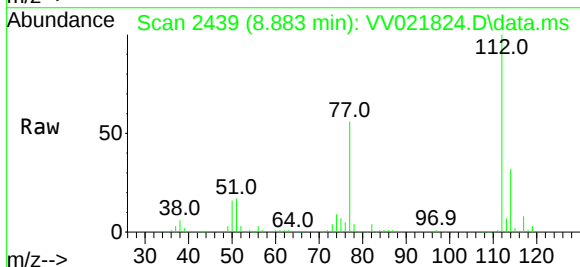
Delta R.T. -0.000 min

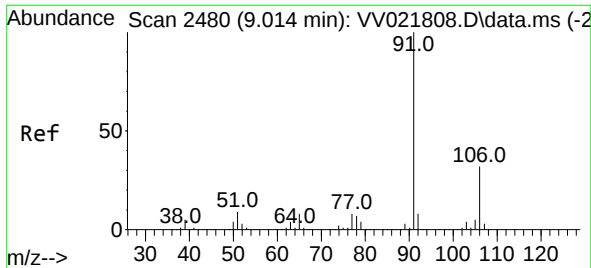
Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

Tgt Ion:112 Resp: 462356

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	55.6	43.7	65.5

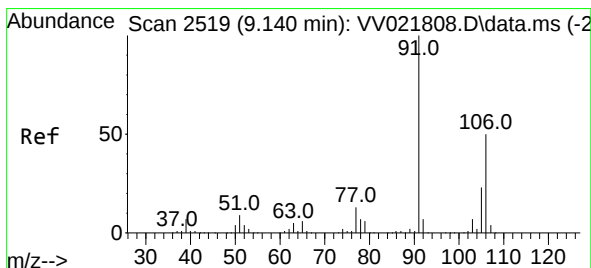
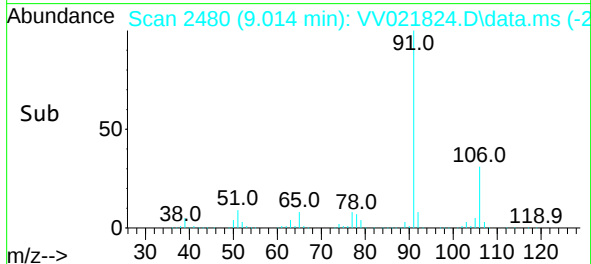
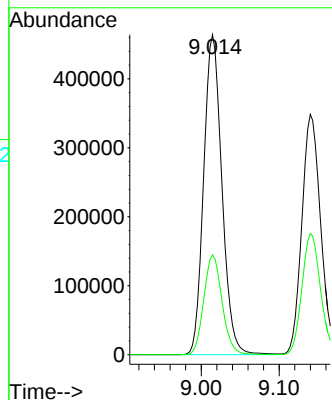
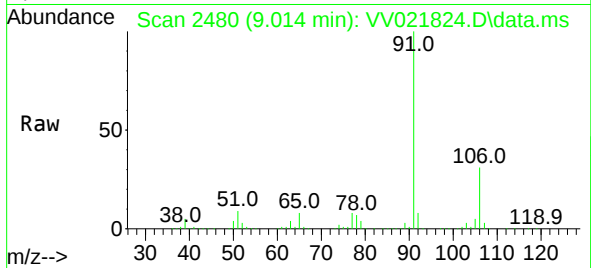




#52
Ethylbenzene
Concen: 50.034 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

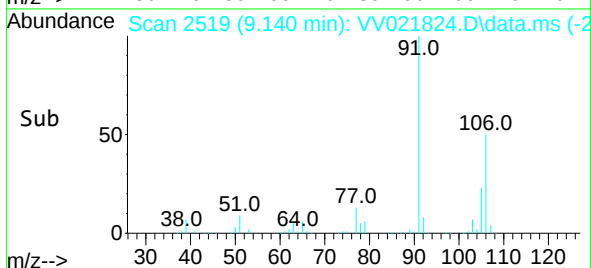
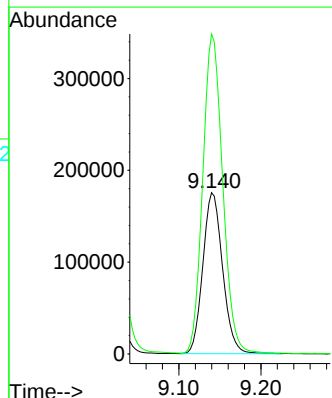
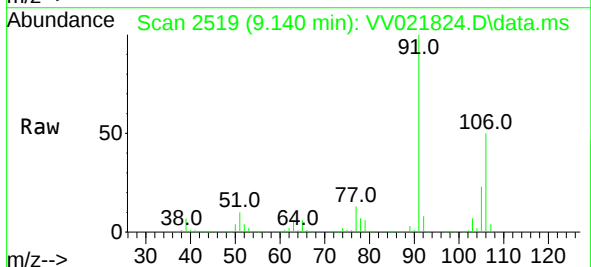
Instrument :
MSVOA_V
ClientSampled :

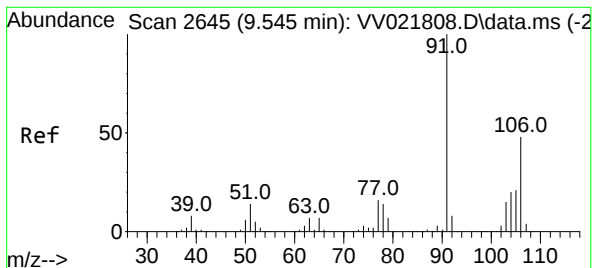
Tgt Ion: 91 Resp: 755261
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2



#53
m,p-Xylene
Concen: 50.118 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 106 Resp: 293200
Ion Ratio Lower Upper
106 100
91 198.3 139.2 258.6





#54

o-Xylene

Concen: 50.668 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021824.D

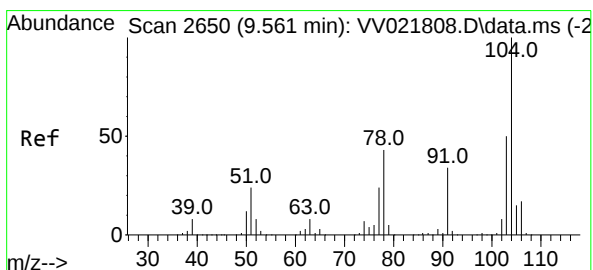
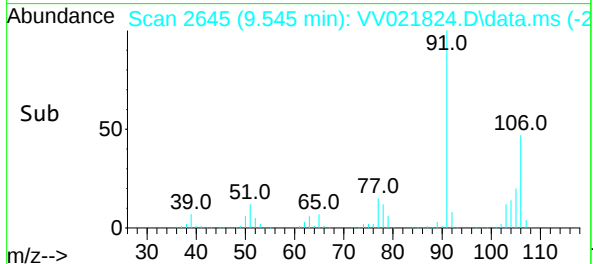
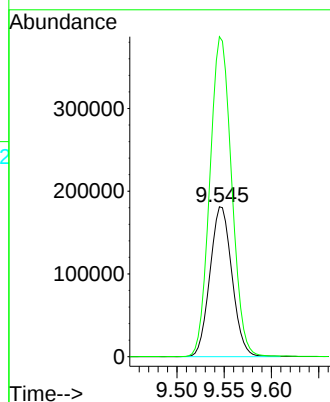
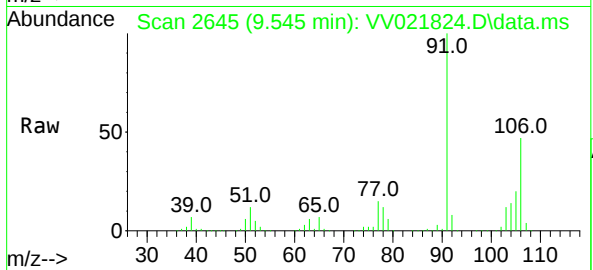
Acq: 17 Aug 2021 18:59

Tgt Ion:106 Resp: 293820

Ion Ratio Lower Upper

106 100

91 213.5 148.1 275.0



#55

Styrene

Concen: 52.648 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.003 min

Lab File: VV021824.D

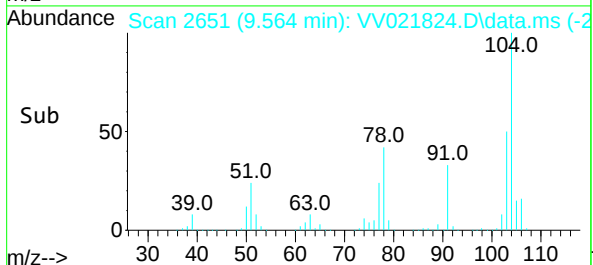
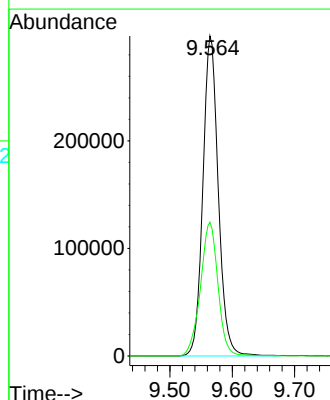
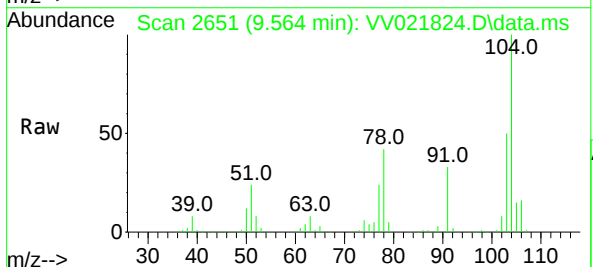
Acq: 17 Aug 2021 18:59

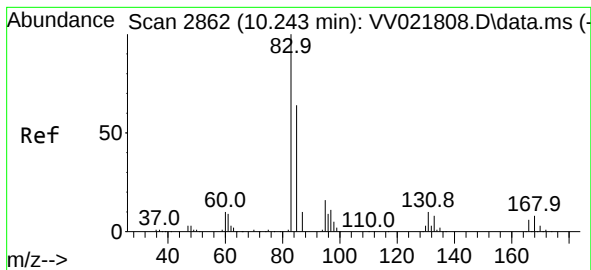
Tgt Ion:104 Resp: 511252

Ion Ratio Lower Upper

104 100

78 41.8 30.2 56.2

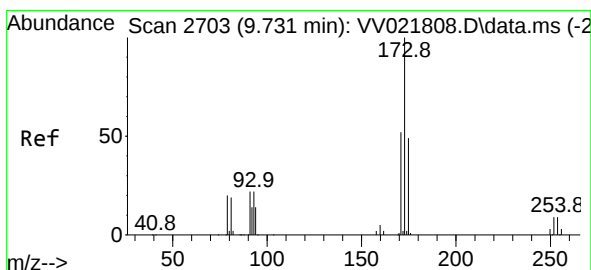
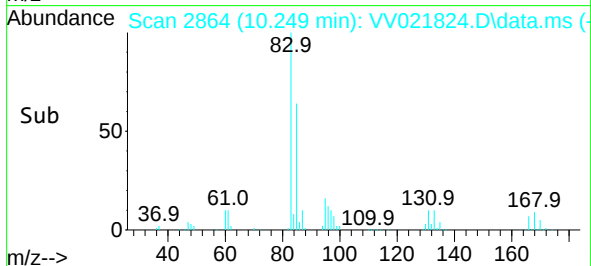
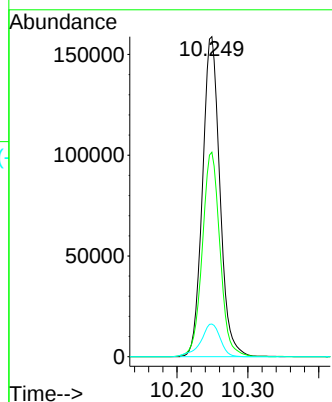
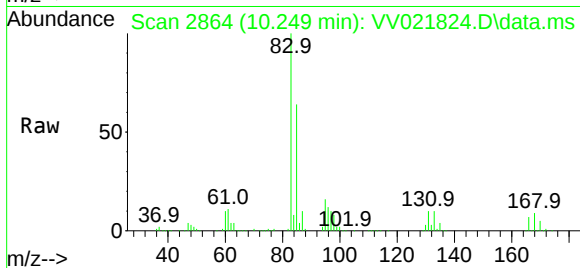




#57
1,1,2,2-Tetrachloroethane
Concen: 57.895 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

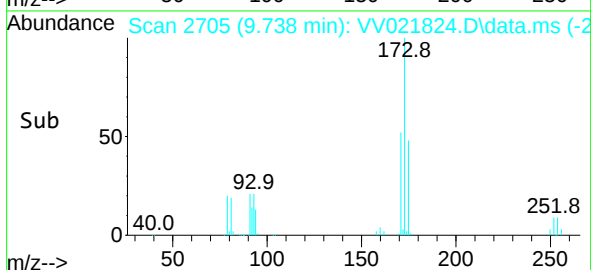
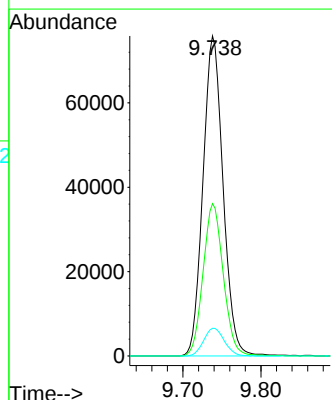
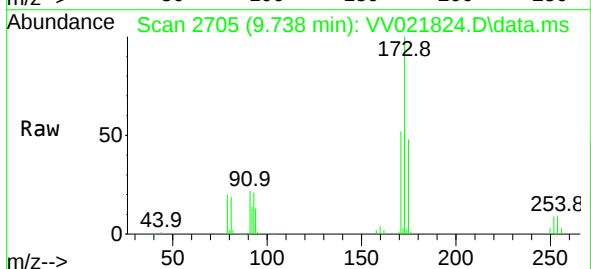
Instrument :
MSVOA_V
ClientSampleId :

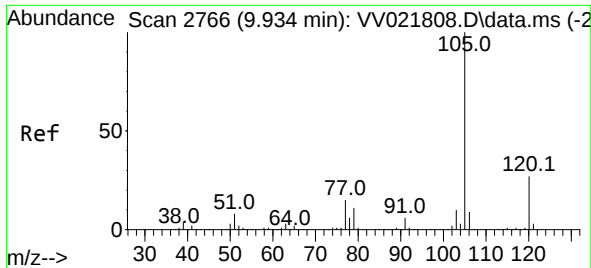
Tgt Ion: 83 Resp: 270832
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 48.355 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 173 Resp: 135758
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 8.9 7.2 10.8

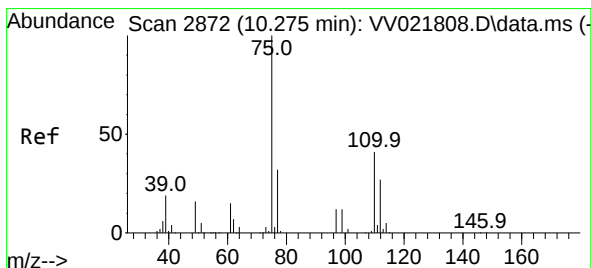
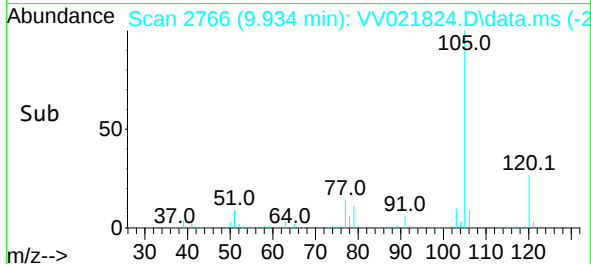
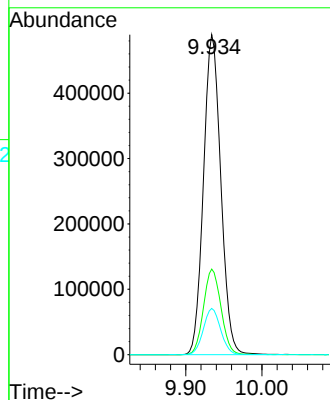
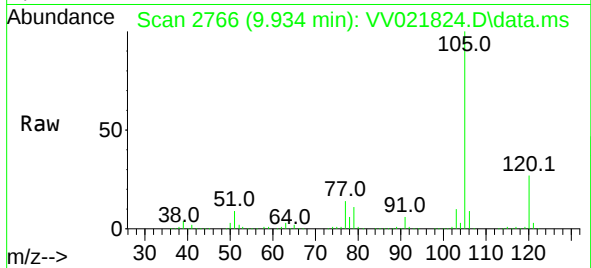




#60
Isopropylbenzene
Concen: 49.018 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

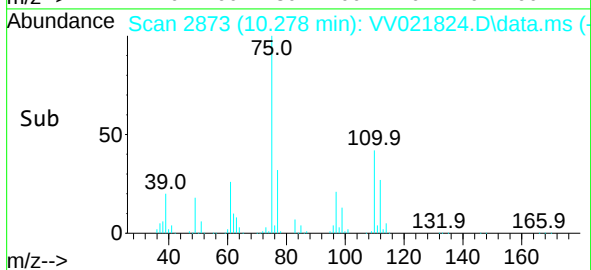
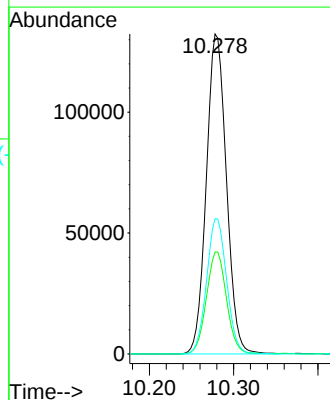
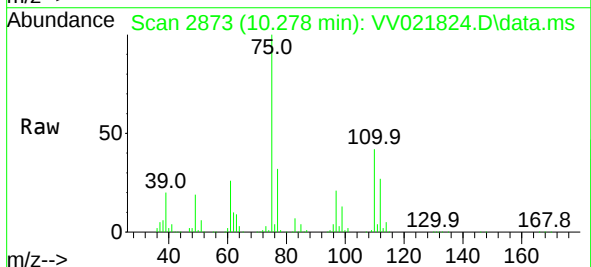
Instrument :
MSVOA_V
ClientSampleId :

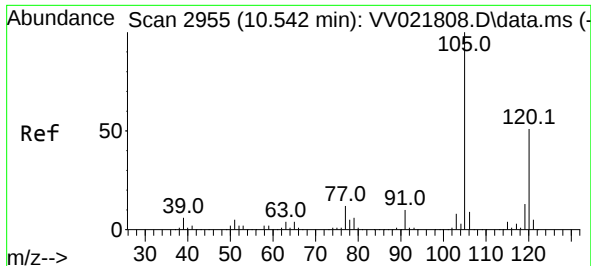
Tgt Ion:105 Resp: 776132
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.4 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.374 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 75 Resp: 219859
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
110 42.1 33.4 50.2

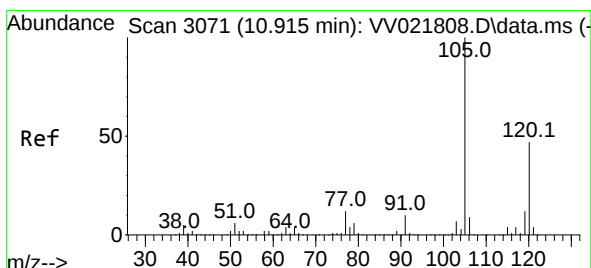
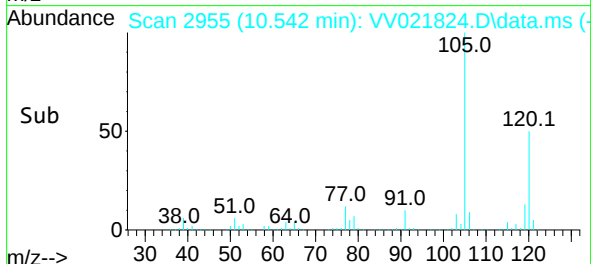
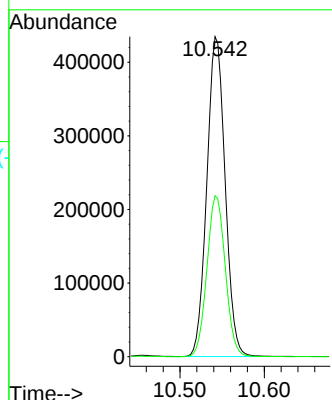
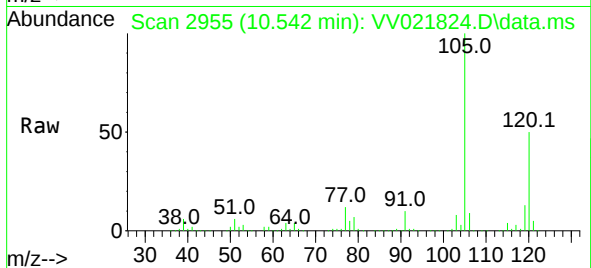




#62
1,3,5-Trimethylbenzene
Concen: 49.489 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

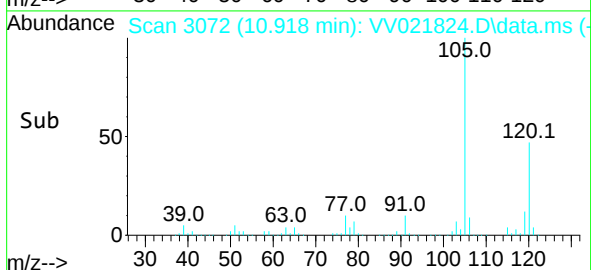
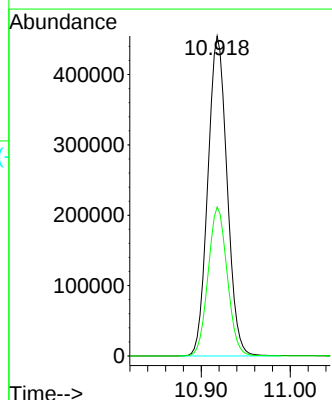
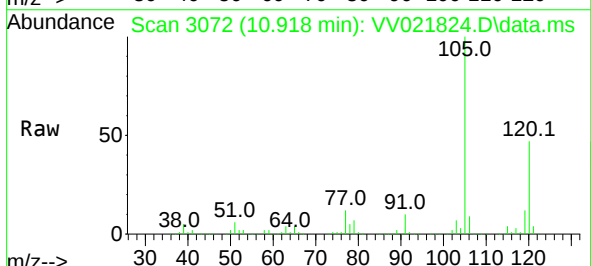
Instrument :
MSVOA_V
ClientSampled :

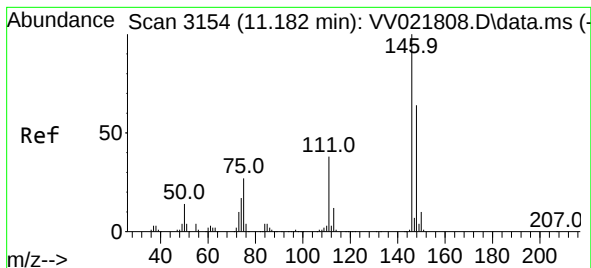
Tgt Ion:105 Resp: 657572
Ion Ratio Lower Upper
105 100
120 50.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 50.415 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:105 Resp: 681103
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 49.042 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

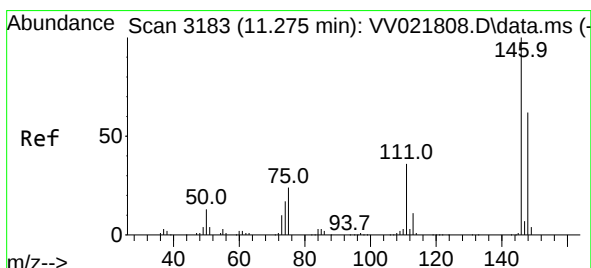
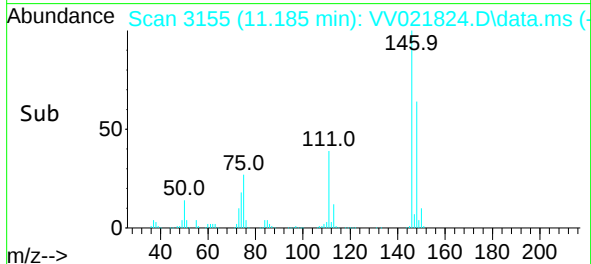
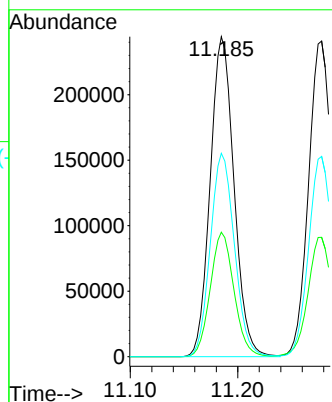
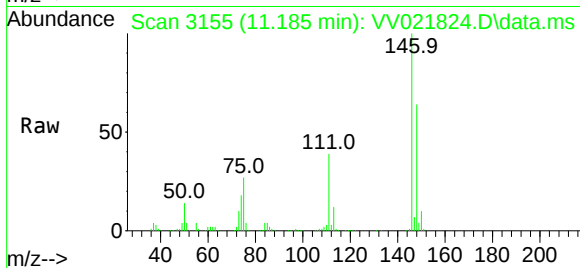
Tgt Ion:146 Resp: 376042

Ion Ratio Lower Upper

146 100

111 38.9 26.5 49.1

148 63.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.671 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VV021824.D

Acq: 17 Aug 2021 18:59

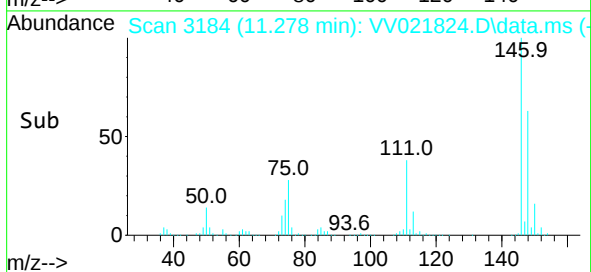
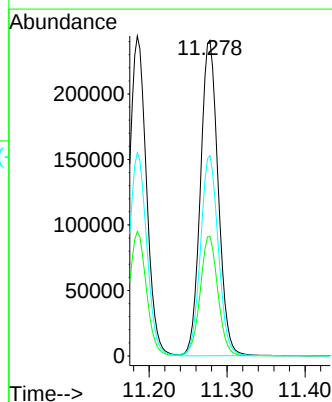
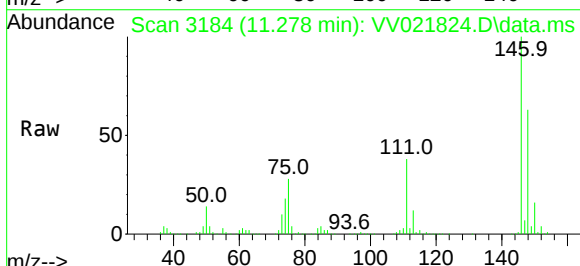
Tgt Ion:146 Resp: 380171

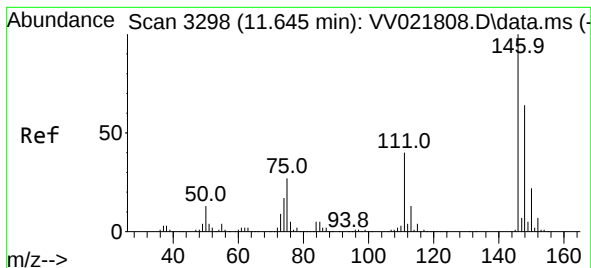
Ion Ratio Lower Upper

146 100

111 37.8 26.2 48.6

148 63.4 45.1 83.9

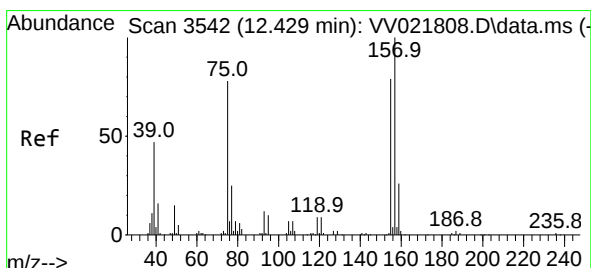
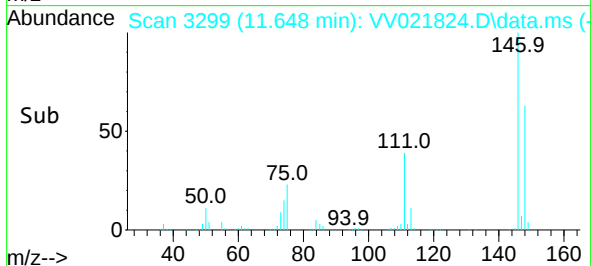
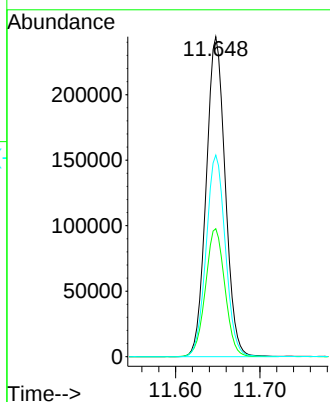
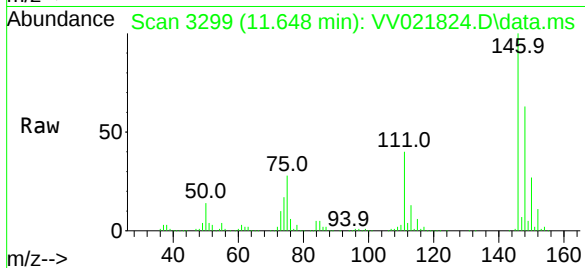




#67
1,2-Dichlorobenzene
Concen: 49.623 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

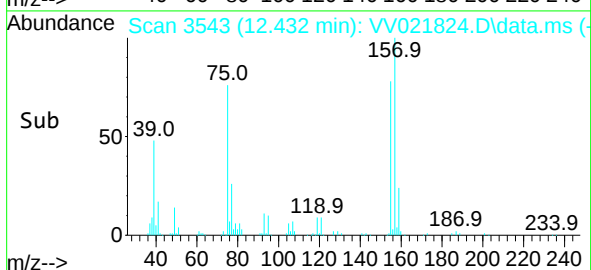
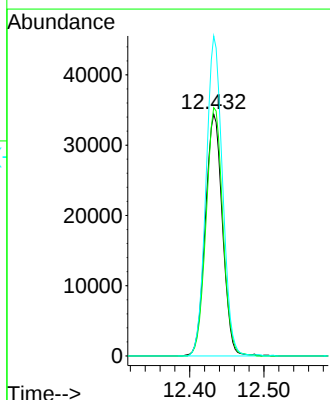
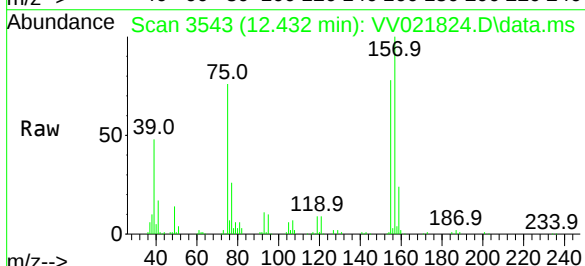
Instrument :
MSVOA_V
ClientSampled :

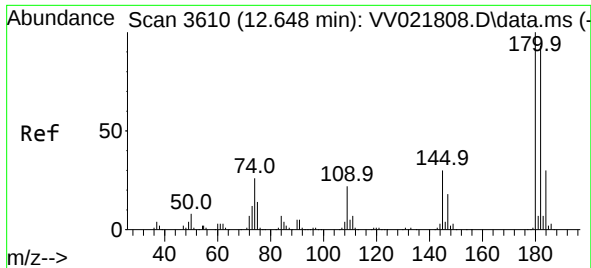
Tgt Ion:146 Resp: 383841
Ion Ratio Lower Upper
146 100
111 40.0 31.8 47.8
148 63.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.737 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion: 75 Resp: 54900
Ion Ratio Lower Upper
75 100
155 102.7 77.8 116.8
157 132.3 99.4 149.0

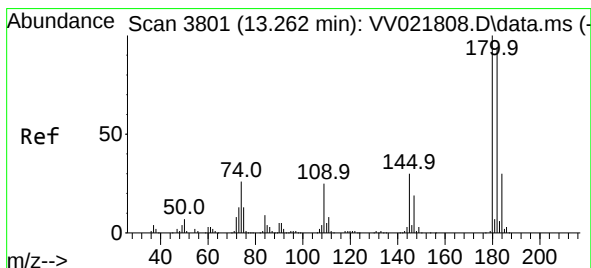
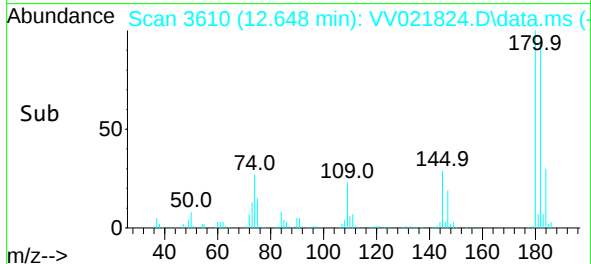
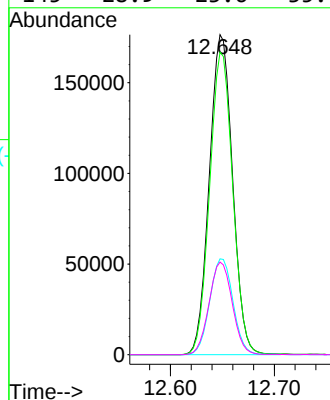
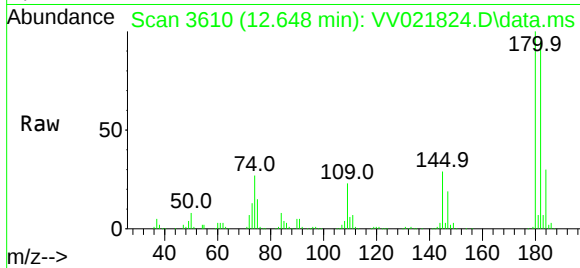




#69
1,3,5-Trichlorobenzene
Concen: 49.274 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

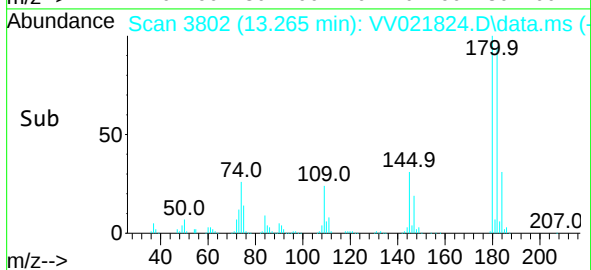
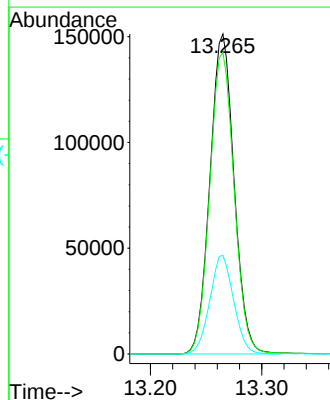
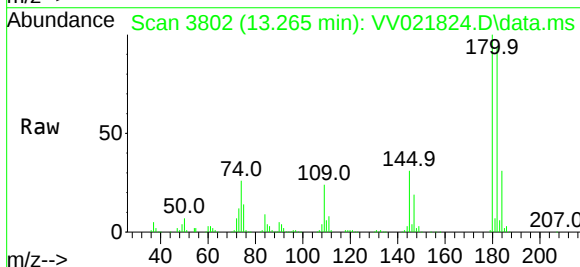
Instrument :
MSVOA_V
ClientSampleId :

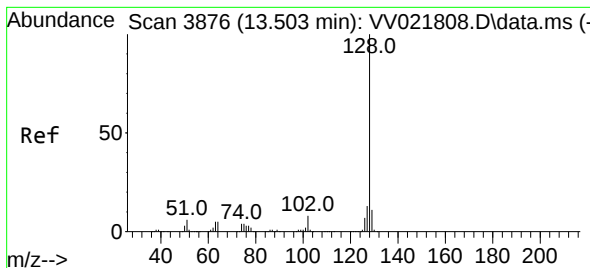
Tgt Ion:	180	Resp:	273871
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
184	30.0	24.1	36.1
145	28.9	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 48.771 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:	180	Resp:	227348
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	30.5	23.9	35.9

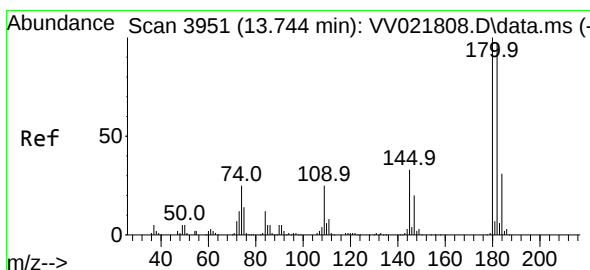
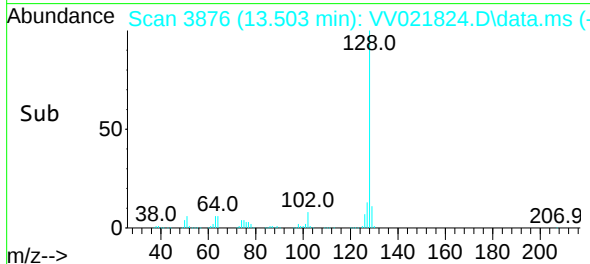
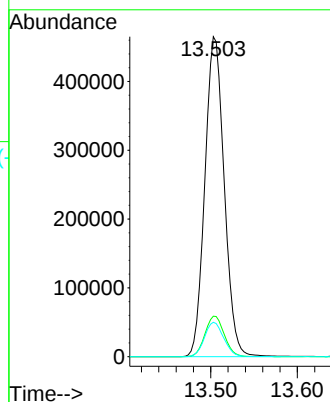
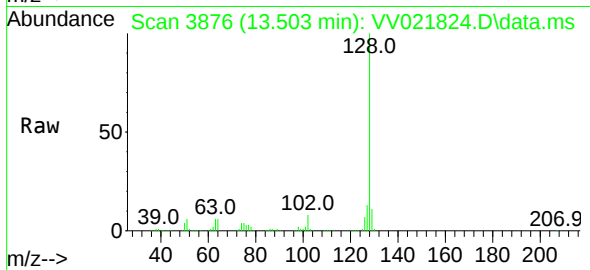




#71
Naphthalene
Concen: 53.331 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 722147
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 49.347 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021824.D
Acq: 17 Aug 2021 18:59

Tgt Ion:180 Resp: 231089
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.2
145 31.7 25.6 38.4

