

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041521\
 Data File : VW021035.D
 Acq On : 15 Apr 2021 17:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 03:05:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	496444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	482097	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	274626	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113085	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.74%
7) Chloroethane-d5	1.571	69	96338	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.111	63	267377	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
21) 2-Butanone-d5	3.908	46	191412	107.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.77%
24) Chloroform-d	4.355	84	324657	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.037	65	213698	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.056	84	564508	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.075	67	156431	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.320	98	575276	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloroprop...	7.625	79	99192	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.095	63	155971	109.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.89%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	268399	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
66) 1,2-Dichlorobenzene-d4	11.631	152	268184	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	199304	50.48	ug/L	97
3) Chloromethane	1.243	50	125384	47.15	ug/L	100
5) Vinyl chloride	1.314	62	141423	47.79	ug/L	99
6) Bromomethane	1.526	94	111618	51.01	ug/L	99
8) Chloroethane	1.587	64	91539	47.82	ug/L	99
9) Trichlorofluoromethane	1.754	101	343301	49.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	163248	49.34	ug/L	97
12) 1,1-Dichloroethene	2.121	96	146580	49.32	ug/L	83
13) Acetone	2.198	43	142743	95.94	ug/L	99
14) Carbon disulfide	2.297	76	385839	47.14	ug/L	99
15) Methyl Acetate	2.442	43	135701	54.18	ug/L	100
16) Methylene chloride	2.513	84	159791	47.78	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	151479	47.91	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	512776	51.63	ug/L	99
19) 1,1-Dichloroethane	3.195	63	268543	49.55	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	167030	49.57	ug/L	95
22) 2-Butanone	3.992	43	181006	99.64	ug/L	100
23) Bromochloromethane	4.256	128	102222	51.03	ug/L	91
25) Chloroform	4.381	83	339448	49.19	ug/L	97

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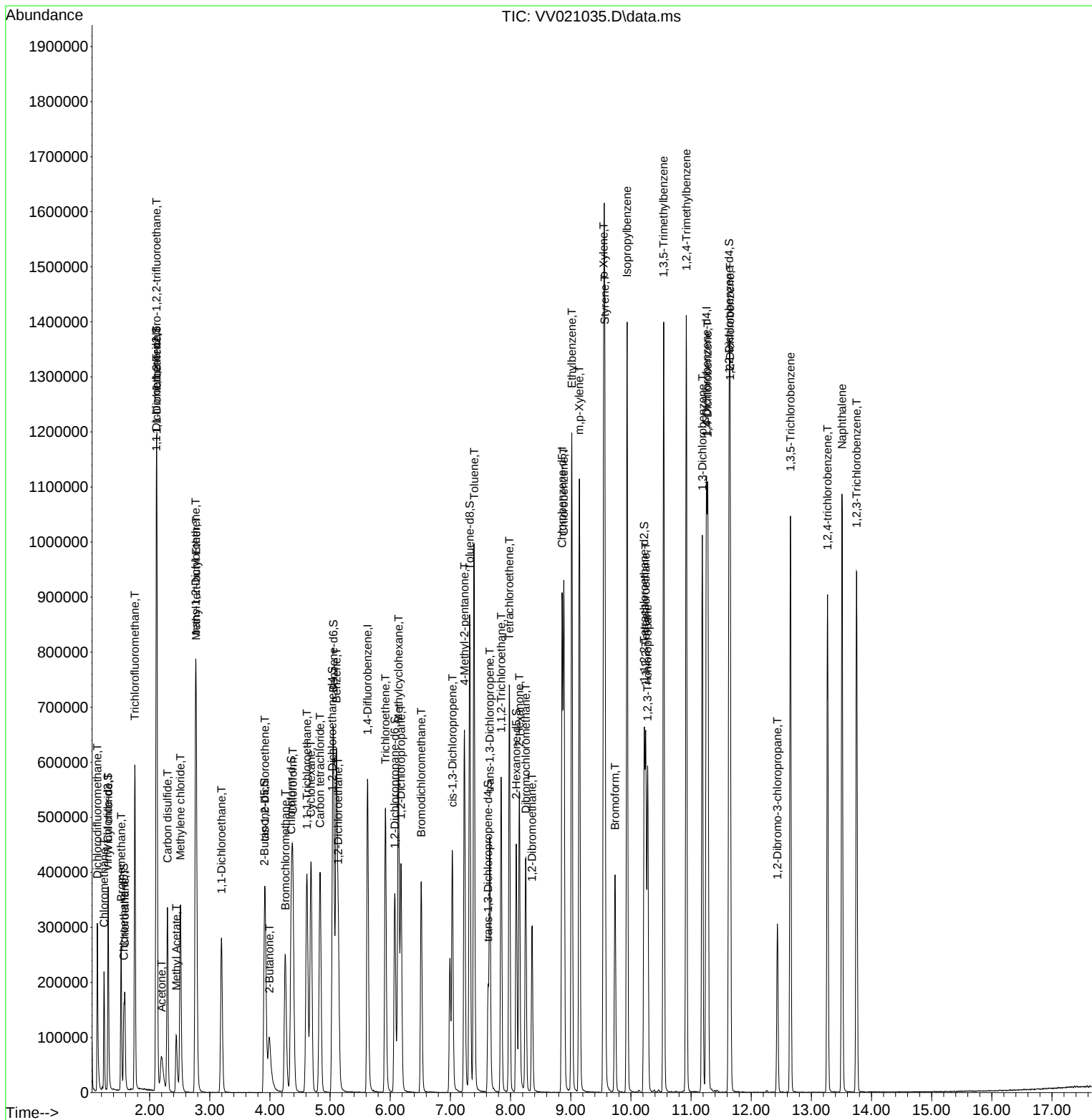
Instrument :
 MSVOA_V
 ClientSampleId :

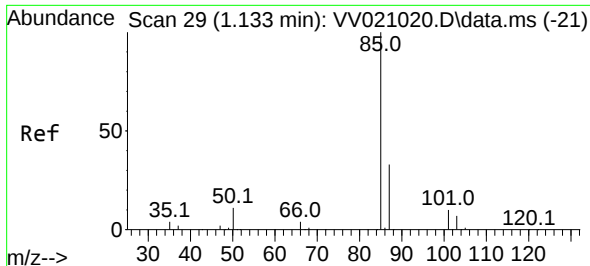
Quant Time: Apr 16 03:05:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	258698	49.06	ug/L	98
29) Cyclohexane	4.683	56	212928	50.69	ug/L	100
30) 1,1,1-Trichloroethane	4.616	97	335729	51.87	ug/L	99
31) Carbon tetrachloride	4.834	117	306519	50.99	ug/L	99
33) Benzene	5.104	78	619883	51.47	ug/L	100
34) Trichloroethene	5.918	95	176154	50.79	ug/L	98
35) Methylcyclohexane	6.137	83	260783	51.72	ug/L	99
37) 1,2-Dichloropropane	6.178	63	146782	51.40	ug/L	99
38) Bromodichloromethane	6.516	83	248546	50.98	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	262601	52.60	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	388976	110.89	ug/L	99
42) Toluene	7.394	91	723165	53.25	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	263299	51.05	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	171100	51.59	ug/L	98
46) Tetrachloroethene	7.979	164	170351	51.60	ug/L	97
48) 2-Hexanone	8.146	43	304597	112.00	ug/L	98
49) Dibromochloromethane	8.252	129	228548	51.74	ug/L	98
50) 1,2-Dibromoethane	8.358	107	192643	52.22	ug/L	91
51) Chlorobenzene	8.886	112	494534	51.69	ug/L	99
52) Ethylbenzene	9.017	91	817389	53.19	ug/L	100
53) m,p-Xylene	9.143	106	322838	53.41	ug/L	100
54) o-Xylene	9.548	106	313255	53.61	ug/L	97
55) Styrene	9.567	104	543587	54.26	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	269935	51.22	ug/L	99
59) Bromoform	9.738	173	187255	52.39	ug/L	99
60) Isopropylbenzene	9.937	105	861587	53.24	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	226938	52.60	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	741537	53.54	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	764988	54.43	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	428066	51.57	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	429957	49.35	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	434250	50.47	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	73063	56.86	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	336563	51.50	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	285700	52.87	ug/L	98
71) Naphthalene	13.509	128	841787	59.79	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	301527	55.49	ug/L	99

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

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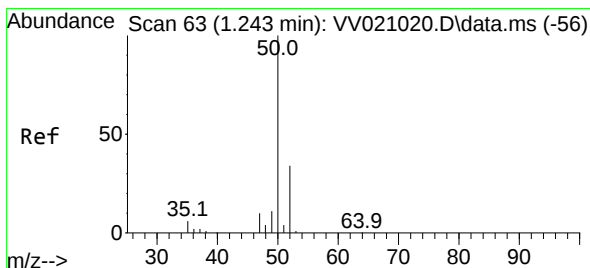
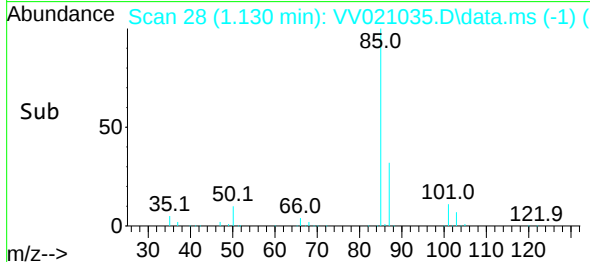
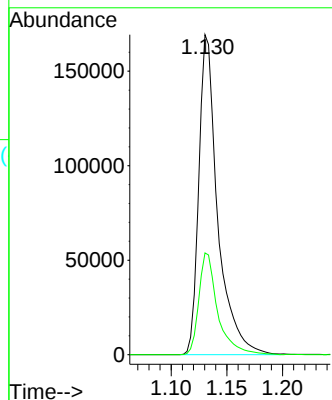
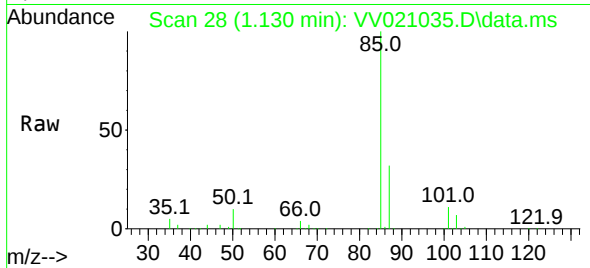




#2
 Dichlorodifluoromethane
 Concen: 50.48 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.004 min
 Lab File: VV021035.D
 Acq: 15 Apr 2021 17:21

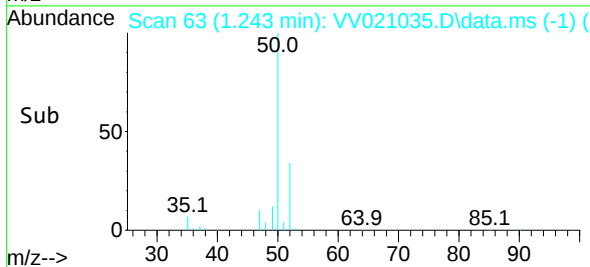
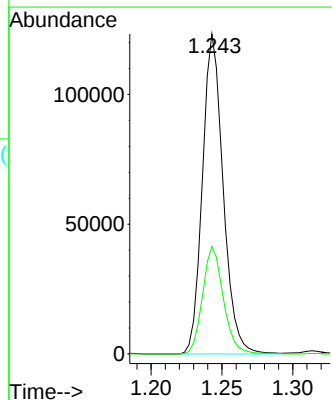
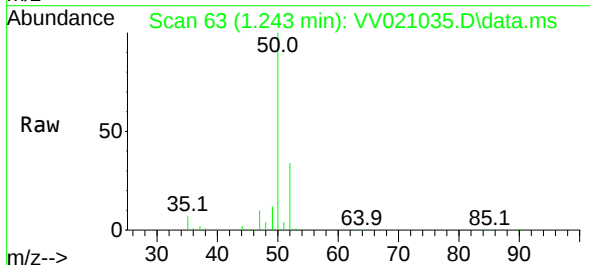
Instrument :
 MSVOA_V
 ClientSampled :

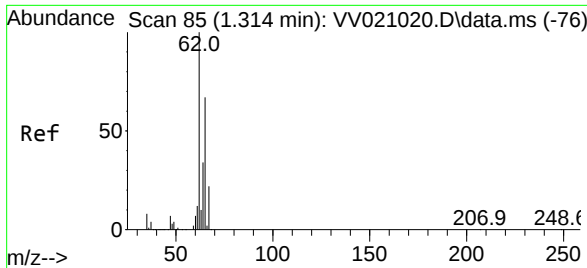
Tgt Ion: 85 Resp: 199304
 Ion Ratio Lower Upper
 85 100
 87 31.8 27.0 40.4



#3
 Chloromethane
 Concen: 47.15 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021035.D
 Acq: 15 Apr 2021 17:21

Tgt Ion: 50 Resp: 125384
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.4

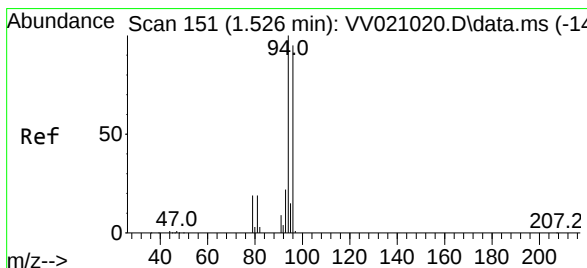
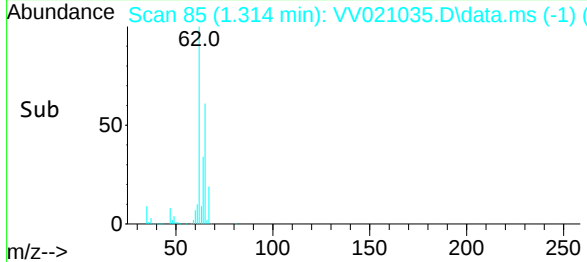
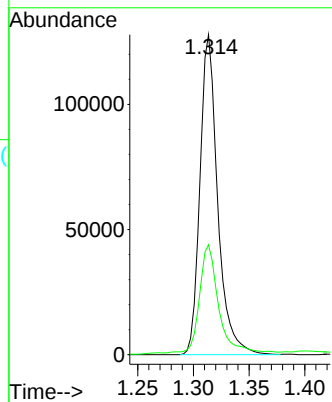
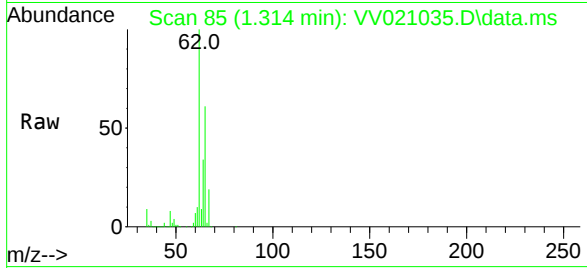




#5
 Vinyl chloride
 Concen: 47.79 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021035.D
 Acq: 15 Apr 2021 17:21

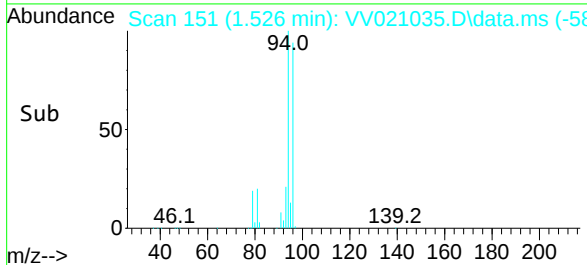
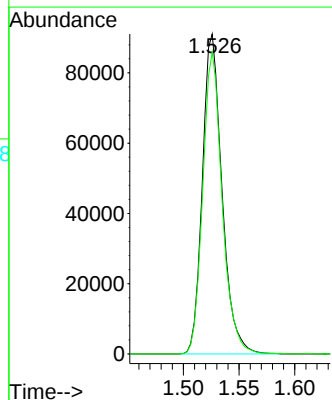
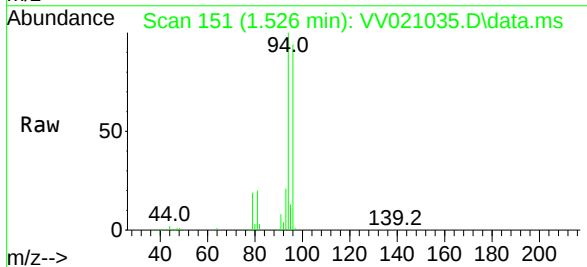
Instrument :
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 ClientSampled :

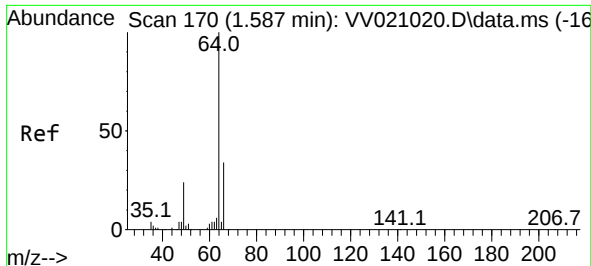
Tgt Ion: 62 Resp: 141423
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.3 45.1



#6
 Bromomethane
 Concen: 51.01 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV021035.D
 Acq: 15 Apr 2021 17:21

Tgt Ion: 94 Resp: 111618
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.6 123.8

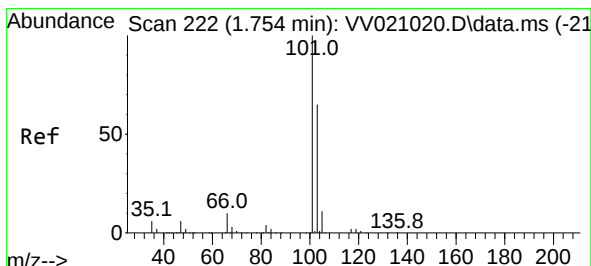
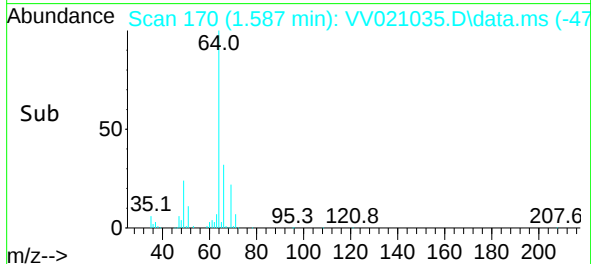
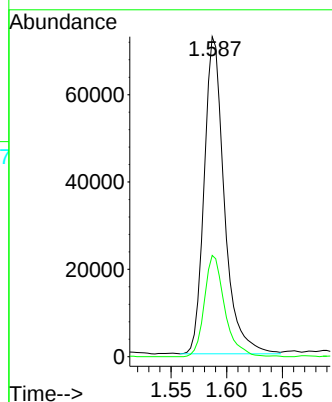
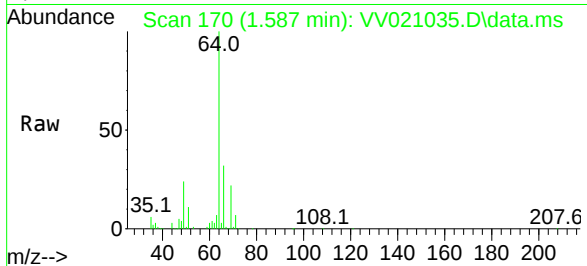




#8
Chloroethane
Concen: 47.82 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

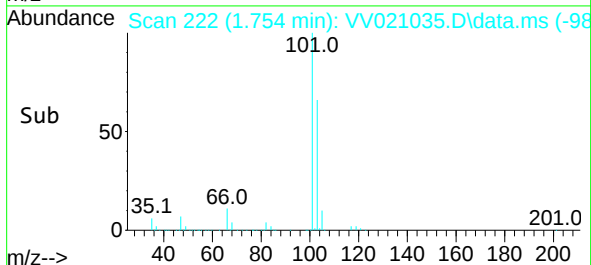
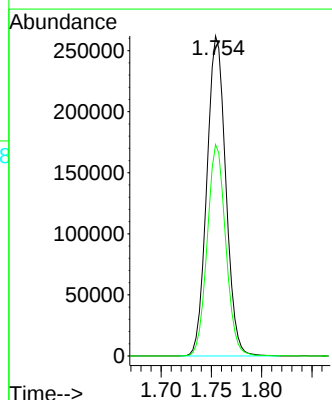
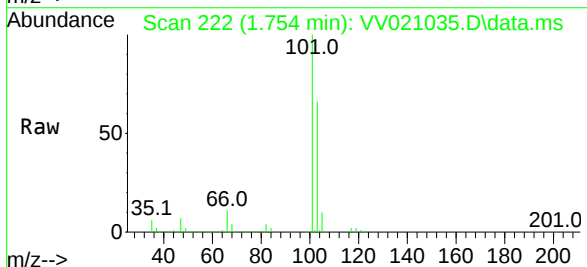
Instrument :
MSVOA_V
ClientSampled :

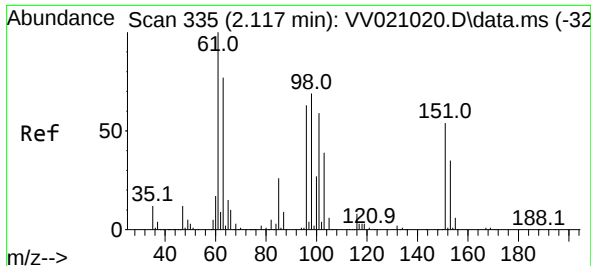
Tgt Ion: 64 Resp: 91539
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 49.10 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:101 Resp: 343301
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9





#10

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

Concen: 49.34 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.004 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion:101 Resp: 163248

Ion Ratio Lower Upper

101 100

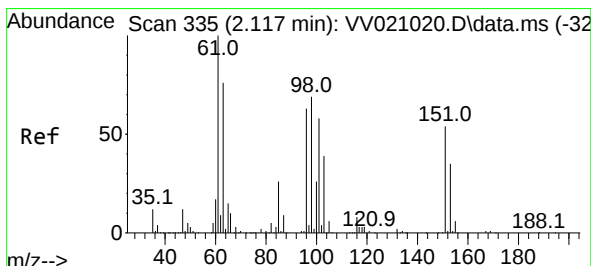
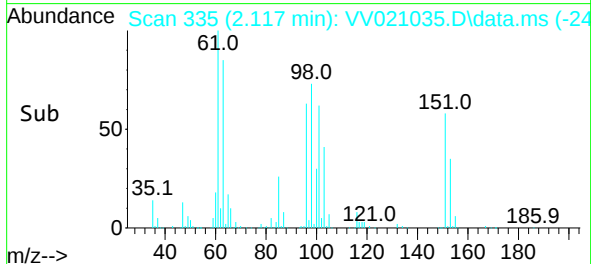
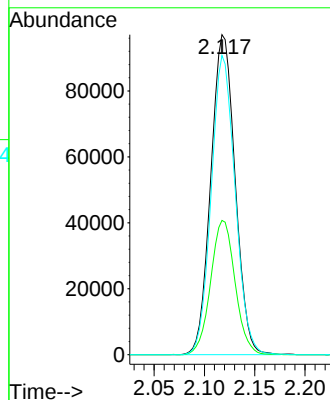
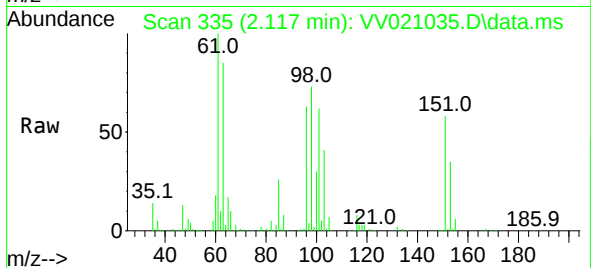
85 42.1 34.2 51.2

151 92.0 70.6 105.8

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 49.32 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

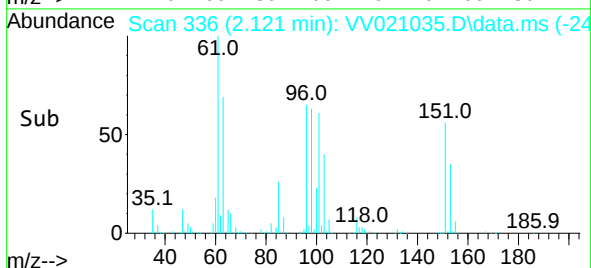
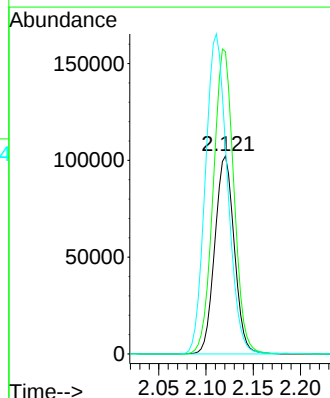
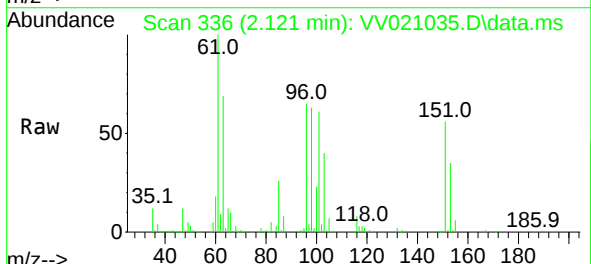
Tgt Ion: 96 Resp: 146580

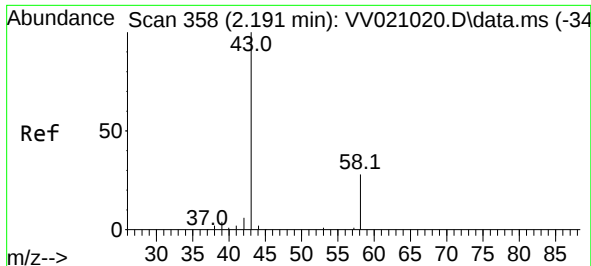
Ion Ratio Lower Upper

96 100

61 152.7 113.1 210.1

63 105.0 98.1 182.3

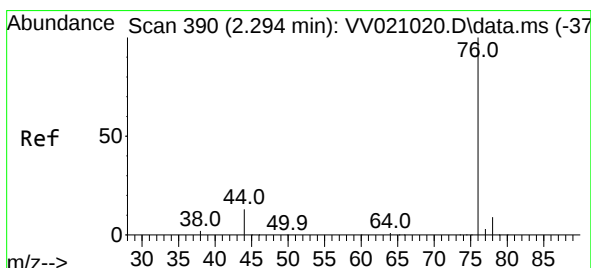
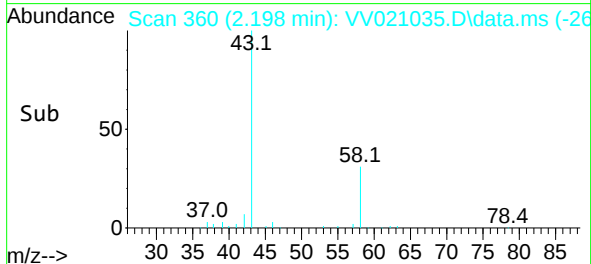
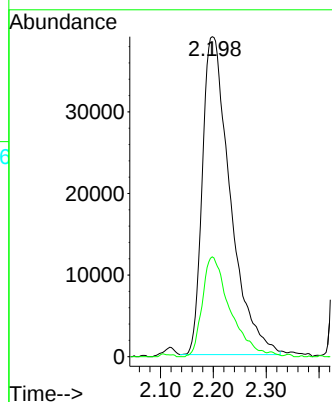
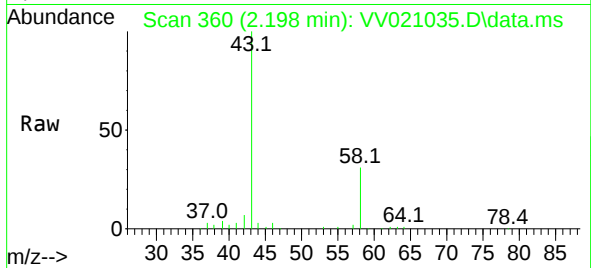




#13
Acetone
Concen: 95.94 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.007 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

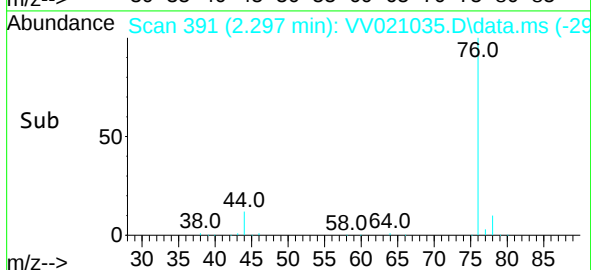
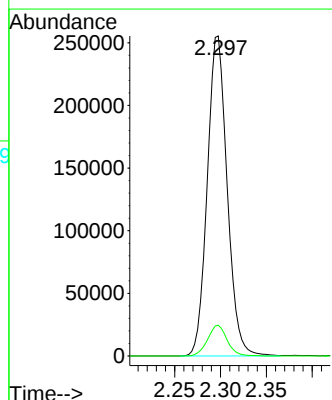
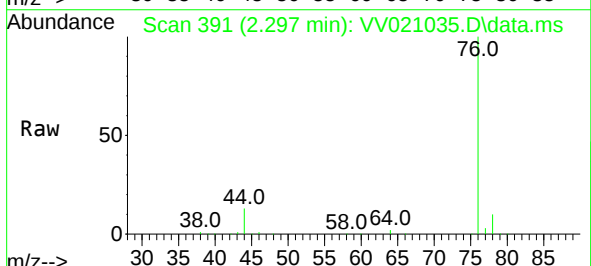
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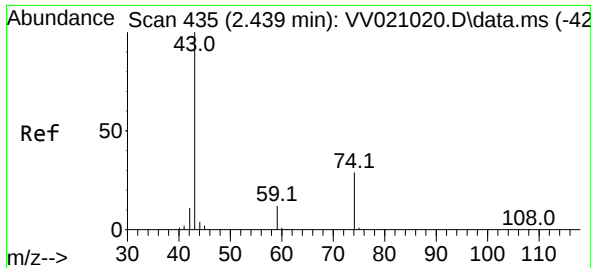
Tgt Ion: 43 Resp: 142743
Ion Ratio Lower Upper
43 100
58 30.6 0.0 61.8



#14
Carbon disulfide
Concen: 47.14 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 76 Resp: 385839
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

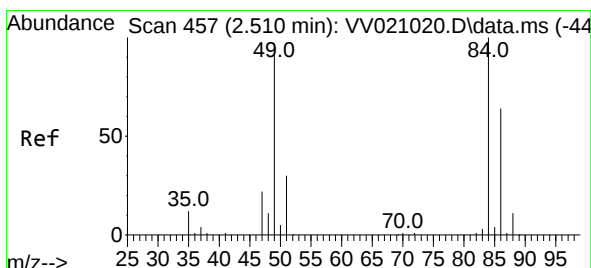
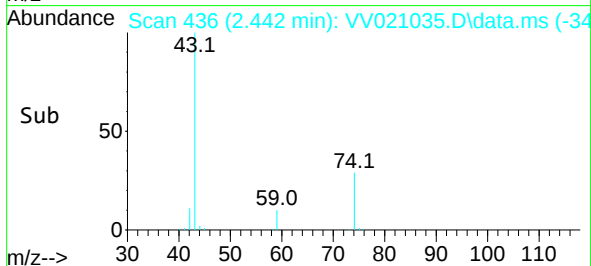
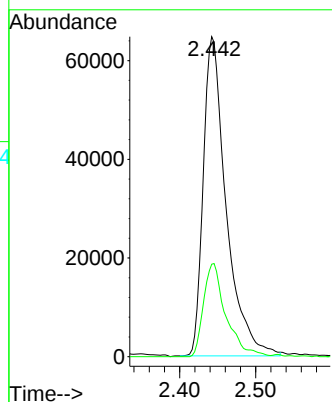
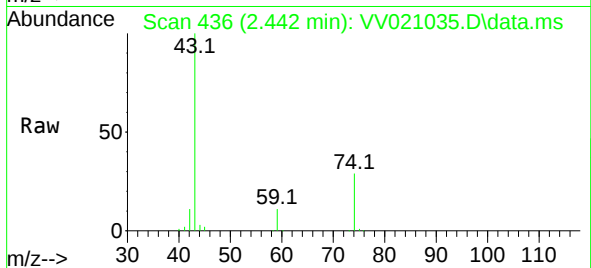




#15
Methyl Acetate
Concen: 54.18 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

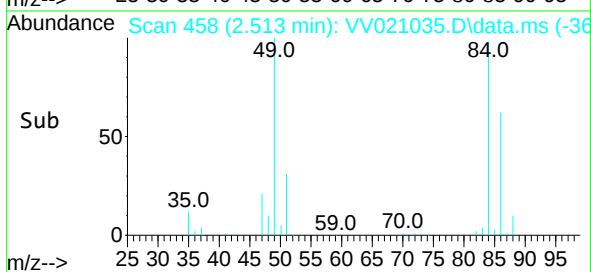
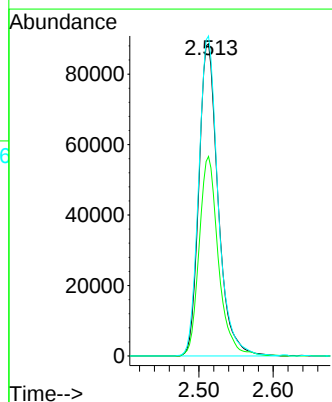
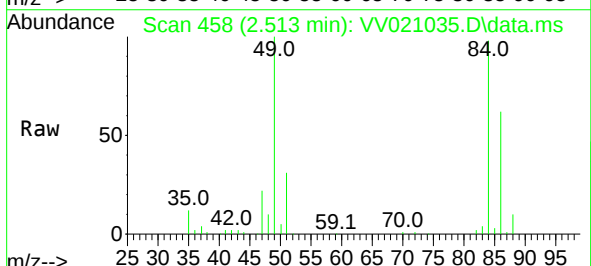
Instrument :
MSVOA_V
ClientSampled :

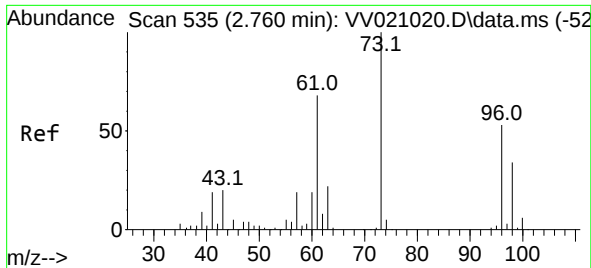
Tgt Ion: 43 Resp: 135701
Ion Ratio Lower Upper
43 100
74 28.4 22.9 34.3



#16
Methylene chloride
Concen: 47.78 ug/L
RT: 2.513 min Scan# 458
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 84 Resp: 159791
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 102.5 70.4 130.8

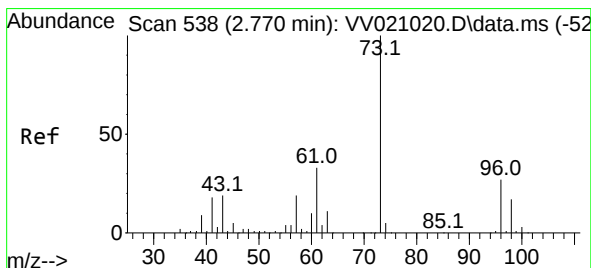
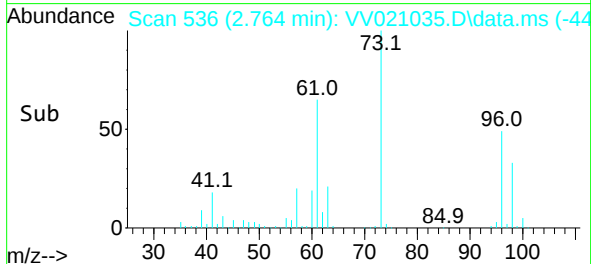
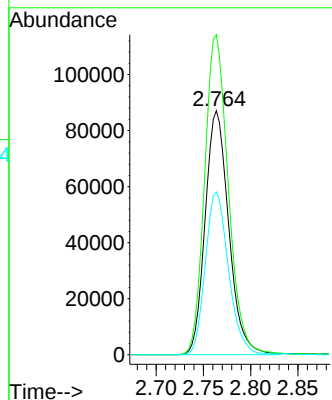
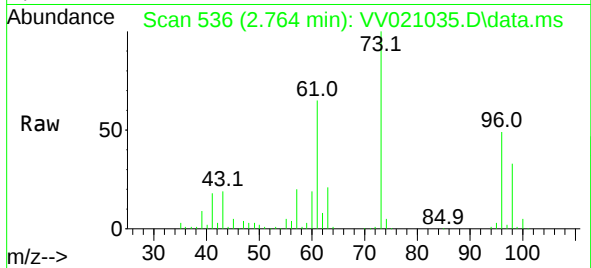




#17
trans-1,2-Dichloroethene
Concen: 47.91 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

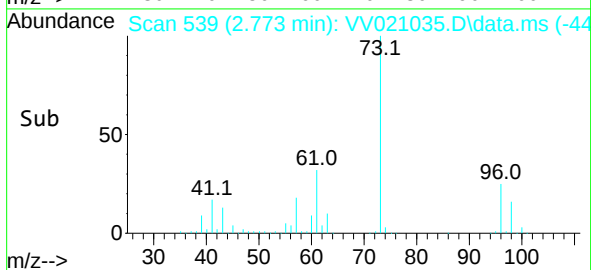
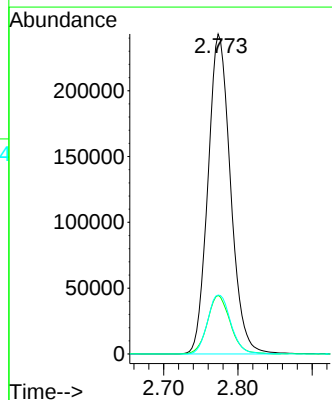
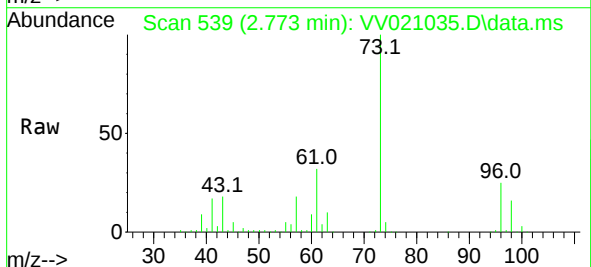
Instrument :
MSVOA_V
ClientSampled :

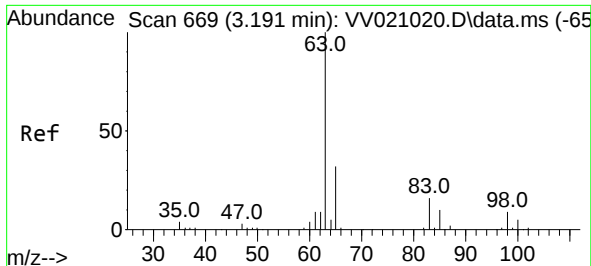
Tgt Ion: 96 Resp: 151479
Ion Ratio Lower Upper
96 100
61 131.1 88.4 164.2
98 66.7 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 51.63 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 73 Resp: 512776
Ion Ratio Lower Upper
73 100
43 18.6 15.3 22.9
57 18.9 14.9 22.3





#19

1,1-Dichloroethane

Concen: 49.55 ug/L

RT: 3.195 min Scan# 670

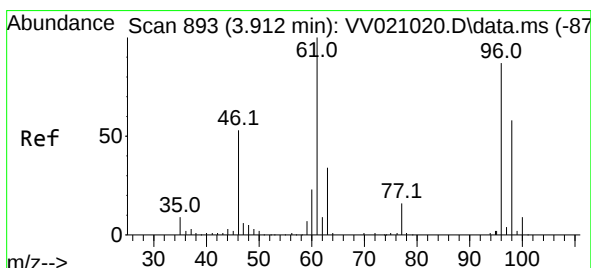
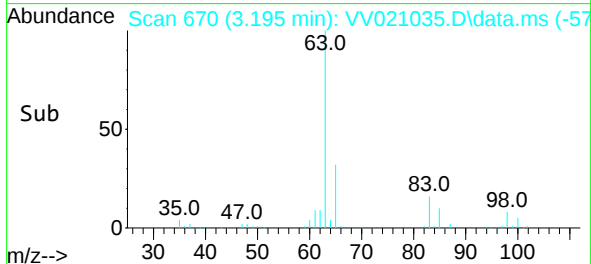
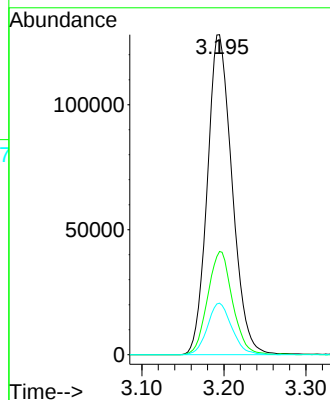
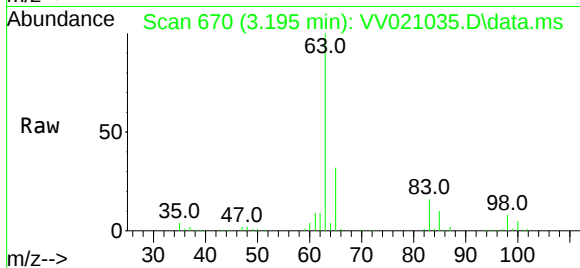
Delta R.T. -0.000 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion: 63 Resp: 268543

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.1
83	16.1	10.6	19.8



#20

cis-1,2-Dichloroethene

Concen: 49.57 ug/L

RT: 3.915 min Scan# 894

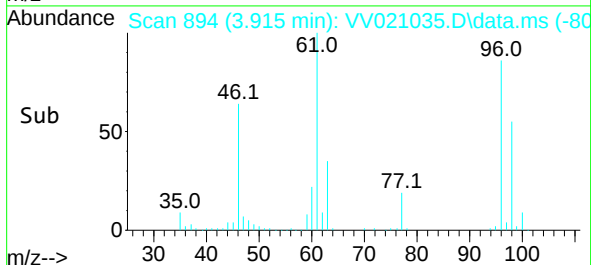
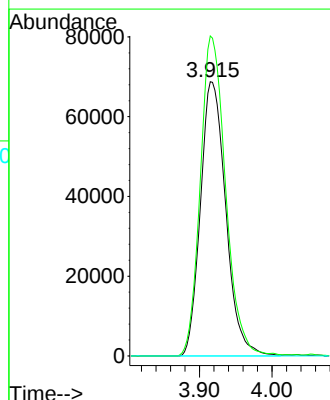
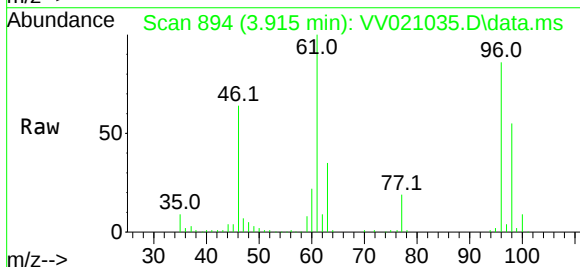
Delta R.T. -0.003 min

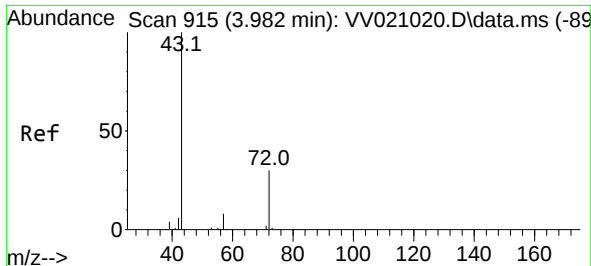
Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion: 96 Resp: 167030

Ion	Ratio	Lower	Upper
96	100		
61	116.7	78.3	145.3
68	0.0	0.0	0.0

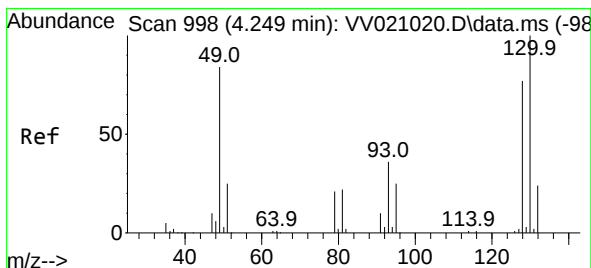
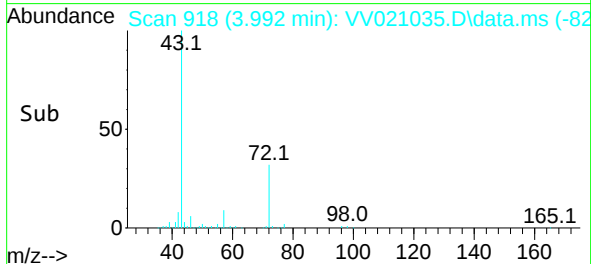
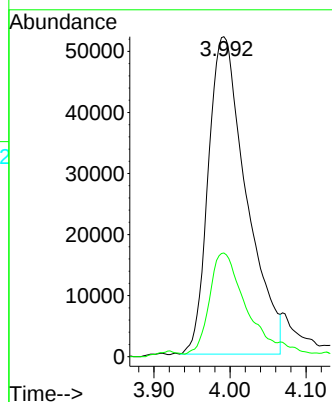
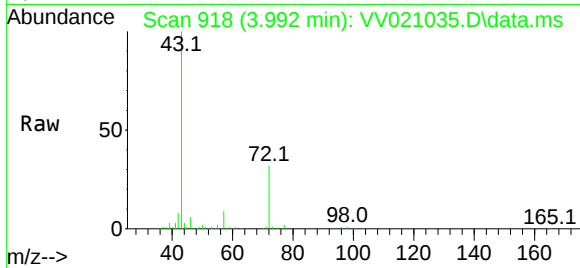




#22
2-Butanone
Concen: 99.64 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.010 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

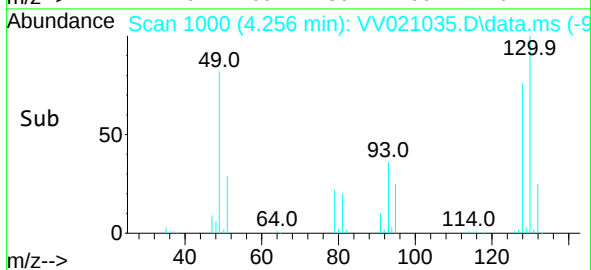
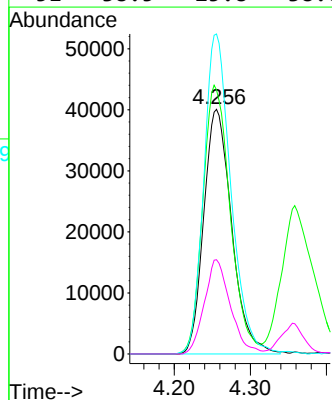
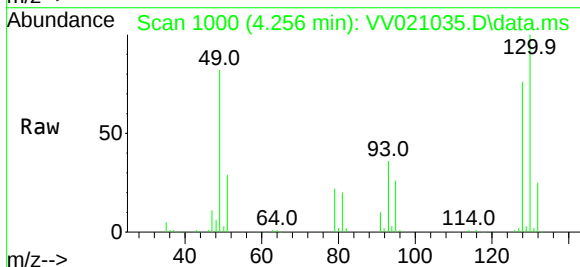
Instrument :
MSVOA_V
ClientSampled :

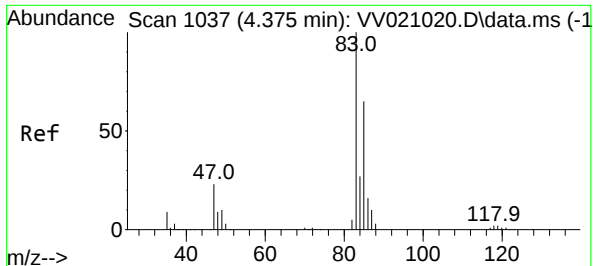
Tgt Ion: 43 Resp: 181006
Ion Ratio Lower Upper
43 100
72 29.5 14.7 44.1



#23
Bromochloromethane
Concen: 51.03 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 128 Resp: 102222
Ion Ratio Lower Upper
128 100
49 107.9 70.1 130.1
130 130.8 84.7 157.3
51 38.5 25.8 38.6





#25

Chloroform

Concen: 49.19 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VV021035.D

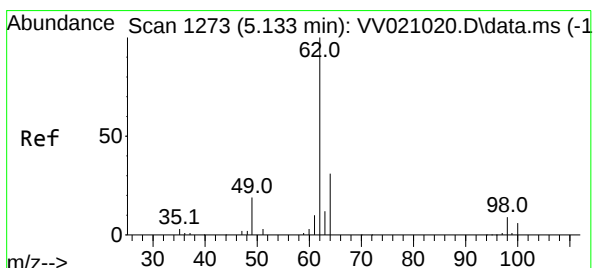
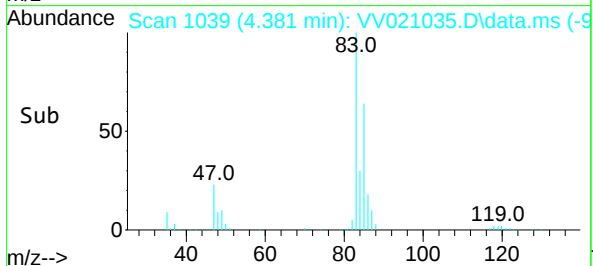
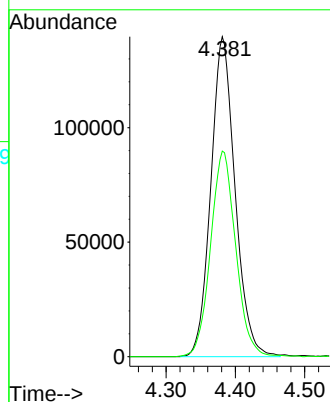
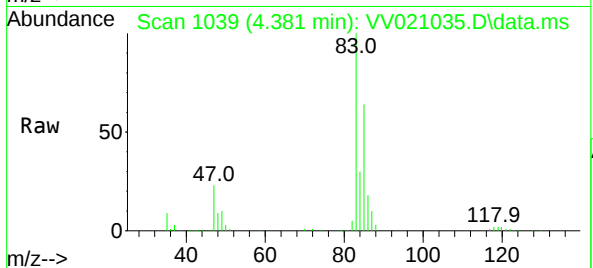
Acq: 15 Apr 2021 17:21

Tgt Ion: 83 Resp: 339448

Ion Ratio Lower Upper

83 100

85 64.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 49.06 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.004 min

Lab File: VV021035.D

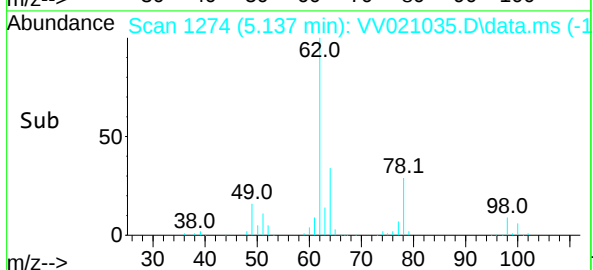
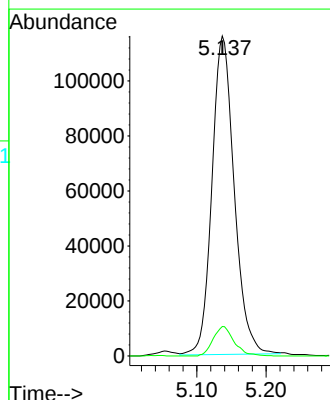
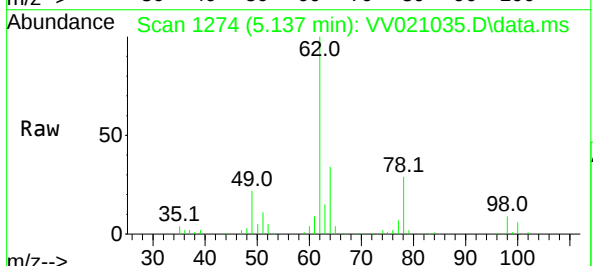
Acq: 15 Apr 2021 17:21

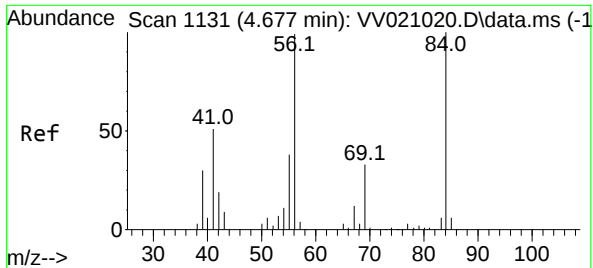
Tgt Ion: 62 Resp: 258698

Ion Ratio Lower Upper

62 100

98 9.2 6.7 10.1





#29

Cyclohexane

Concen: 50.69 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

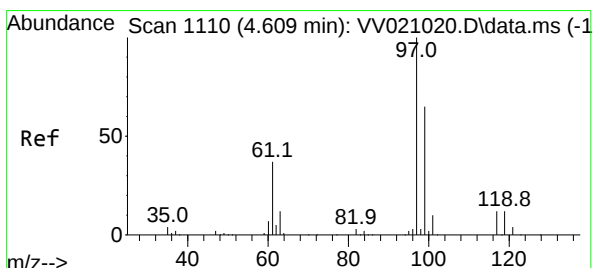
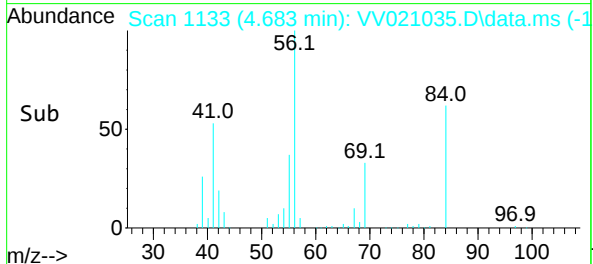
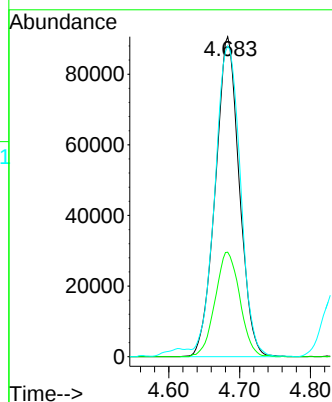
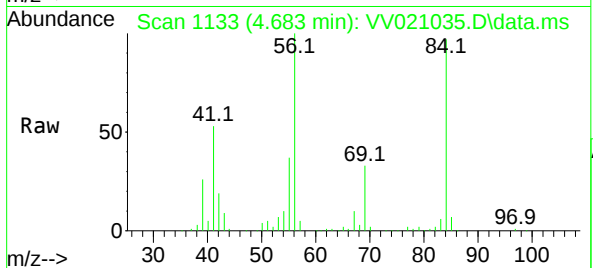
Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion: 56 Resp: 212928

Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.0	40.6
84	102.8	82.6	124.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 51.87 ug/L

RT: 4.616 min Scan# 1112

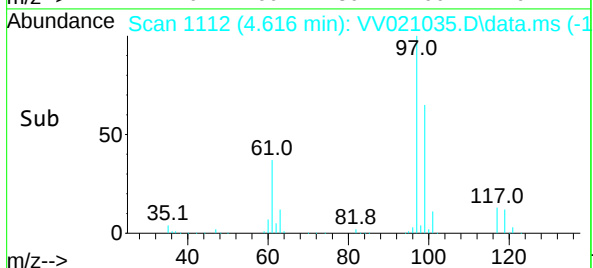
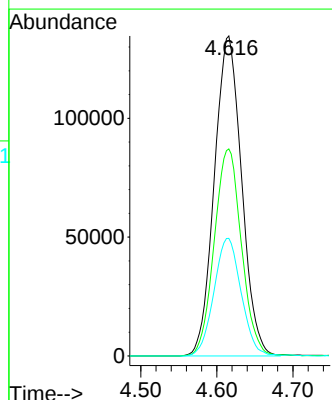
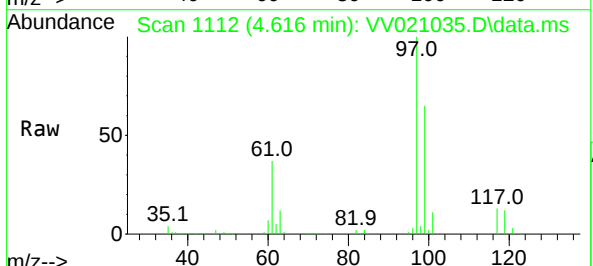
Delta R.T. 0.004 min

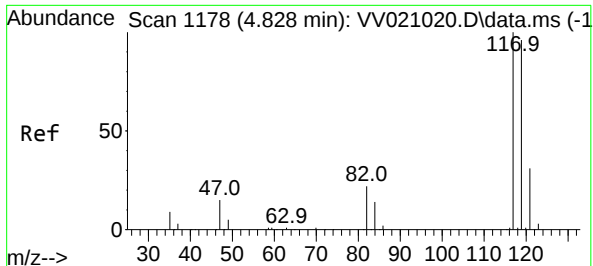
Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion: 97 Resp: 335729

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	36.5	30.4	45.6

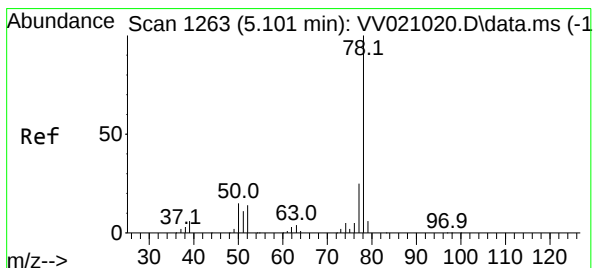
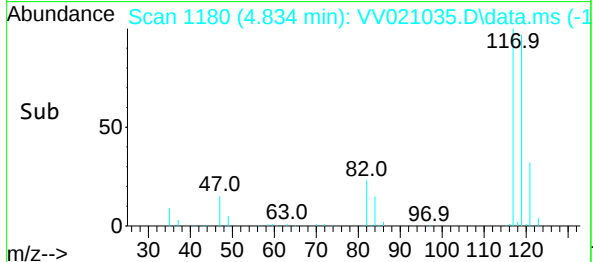
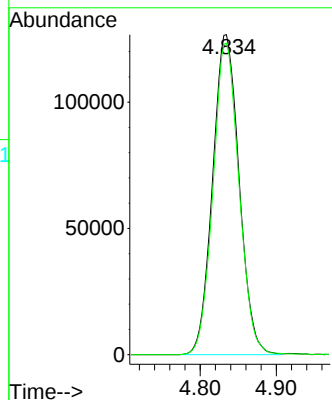
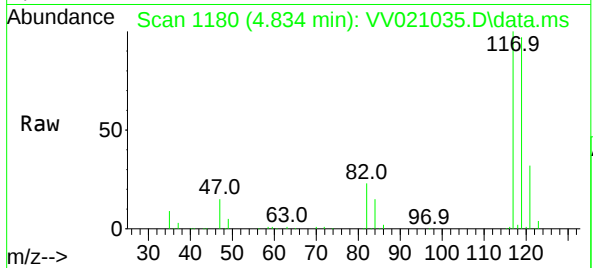




#31
Carbon tetrachloride
Concen: 50.99 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

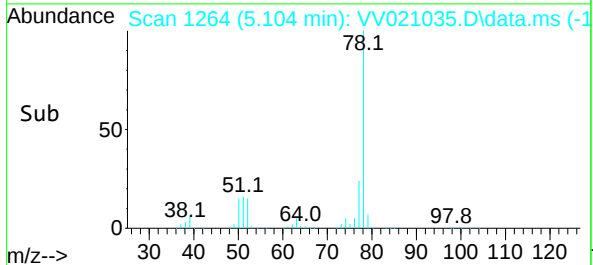
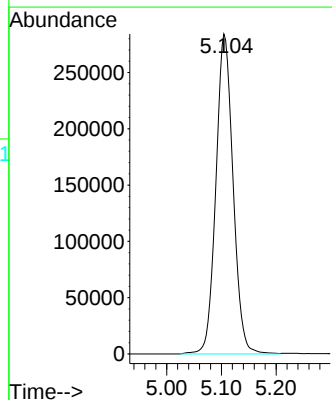
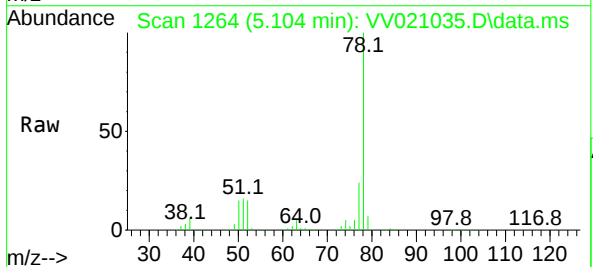
Instrument :
MSVOA_V
ClientSampled :

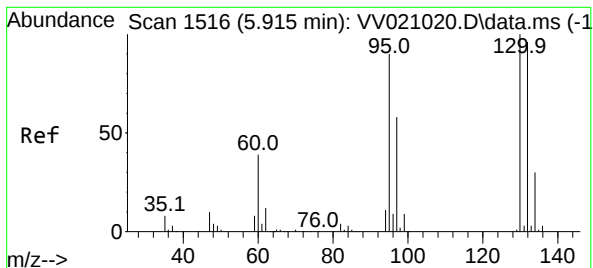
Tgt Ion:117 Resp: 306519
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1



#33
Benzene
Concen: 51.47 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 78 Resp: 619883

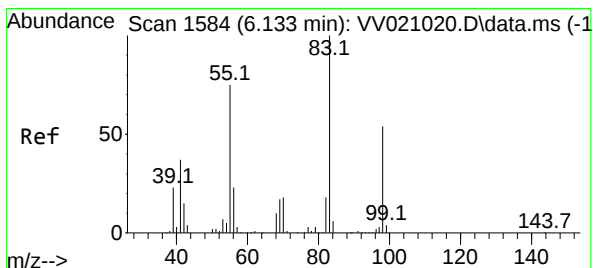
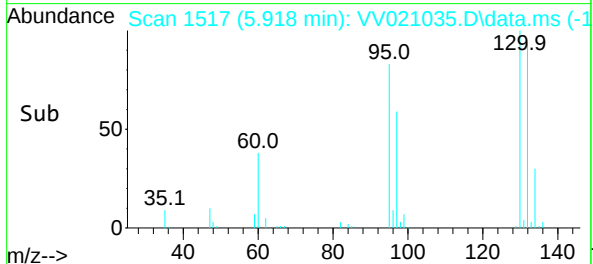
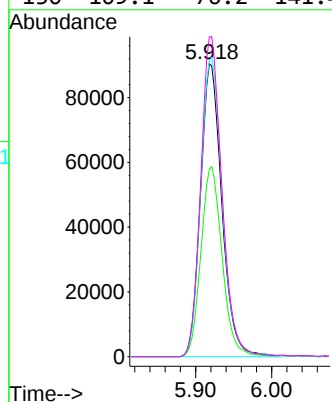
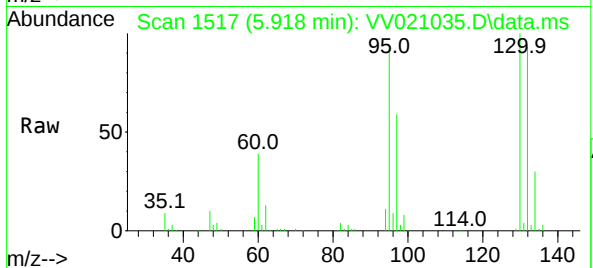




#34
Trichloroethene
Concen: 50.79 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

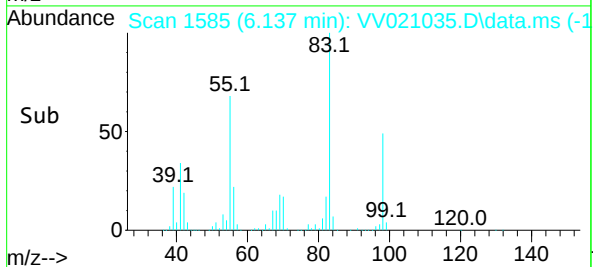
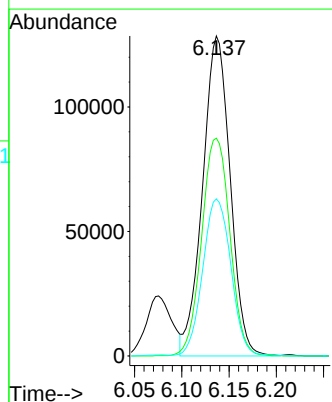
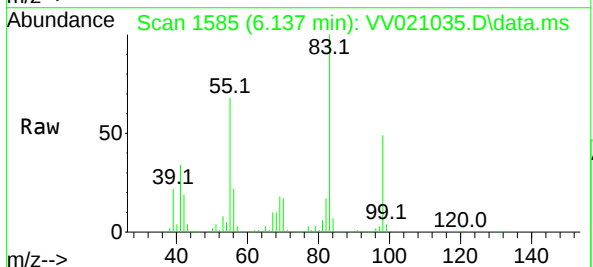
Instrument :
MSVOA_V
ClientSampleId :

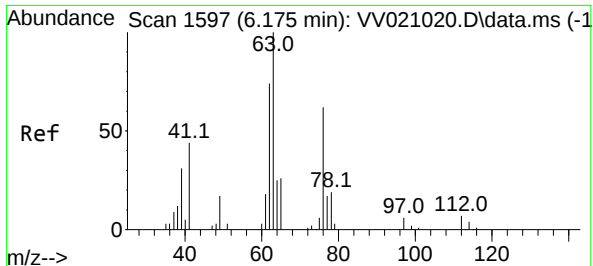
Tgt Ion: 95 Resp: 176154
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.9
132 101.0 74.2 137.8
130 109.1 76.2 141.4



#35
Methylcyclohexane
Concen: 51.72 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 83 Resp: 260783
Ion Ratio Lower Upper
83 100
55 69.5 55.3 82.9
98 50.4 41.2 61.8





#37

1,2-Dichloropropane

Concen: 51.40 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VV021035.D

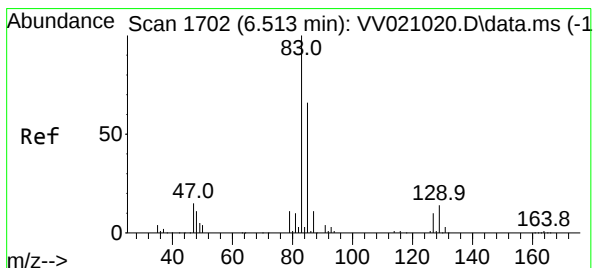
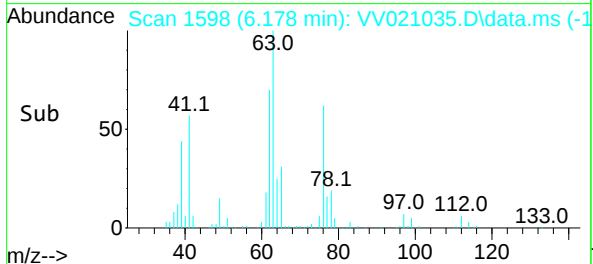
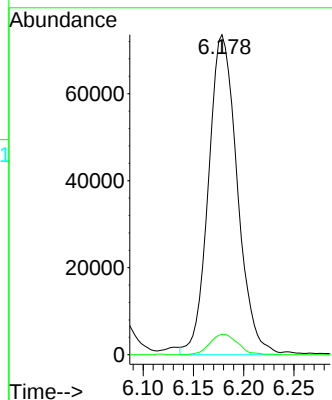
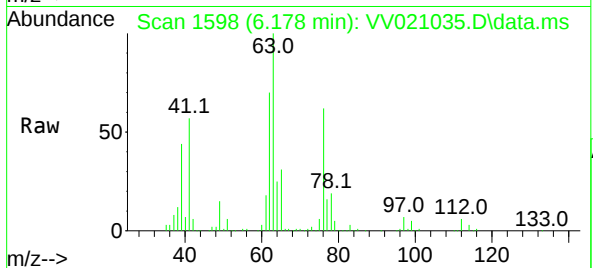
Acq: 15 Apr 2021 17:21

Tgt Ion: 63 Resp: 146782

Ion Ratio Lower Upper

63 100

112 6.2 4.8 7.2



#38

Bromodichloromethane

Concen: 50.98 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

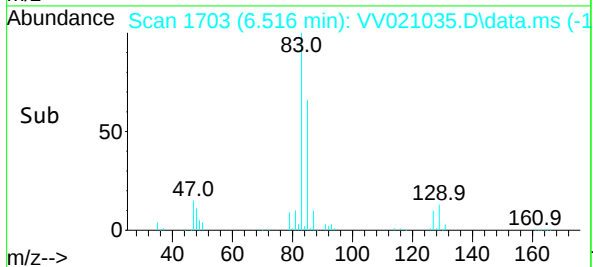
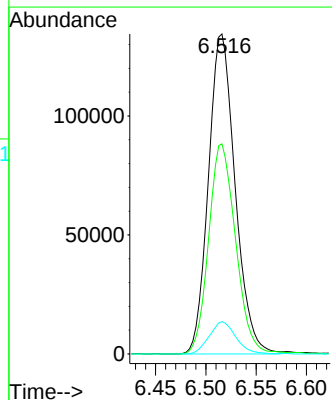
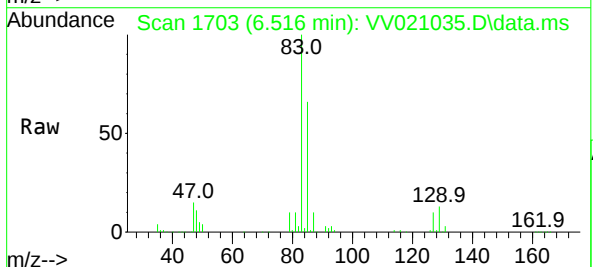
Tgt Ion: 83 Resp: 248546

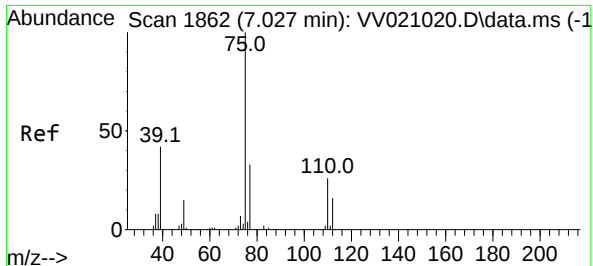
Ion Ratio Lower Upper

83 100

85 65.6 44.6 82.8

127 10.1 7.5 11.3

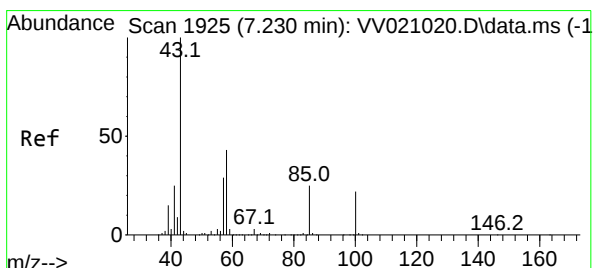
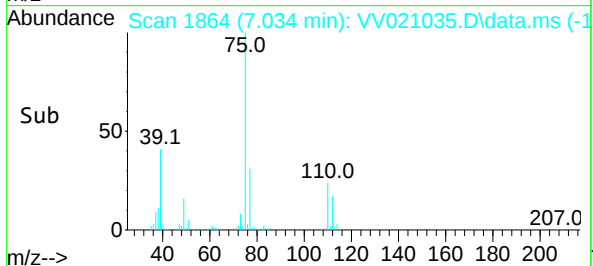
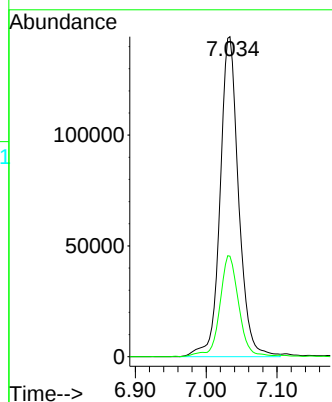
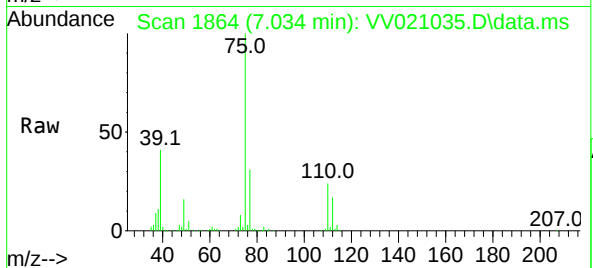




#39
cis-1,3-Dichloropropene
Concen: 52.60 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.004 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

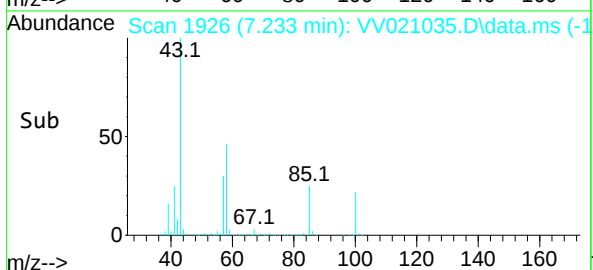
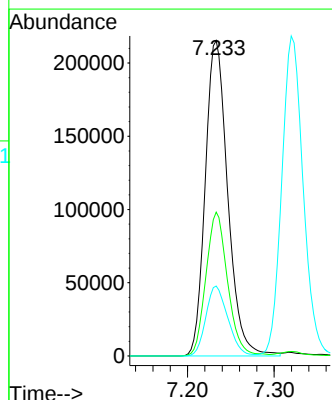
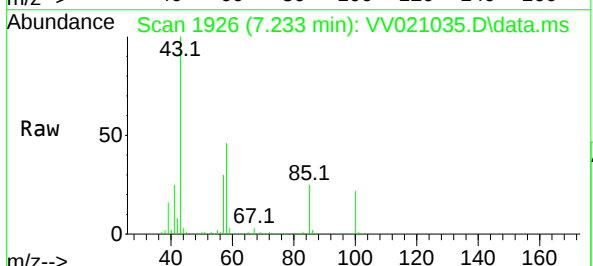
Instrument :
MSVOA_V
ClientSampled :

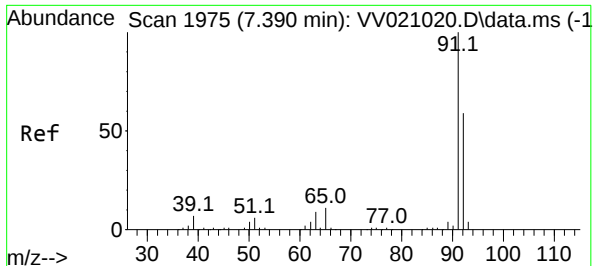
Tgt Ion: 75 Resp: 262601
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 110.89 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 43 Resp: 388976
Ion Ratio Lower Upper
43 100
58 44.0 34.7 52.1
100 21.6 17.5 26.3

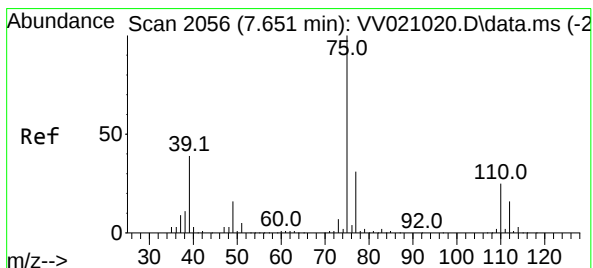
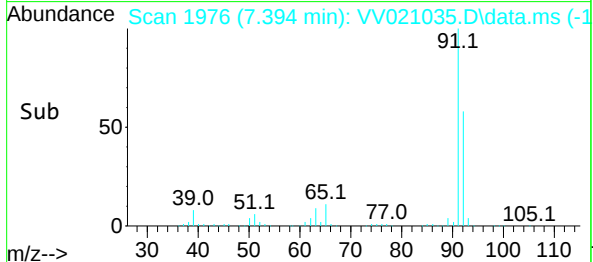
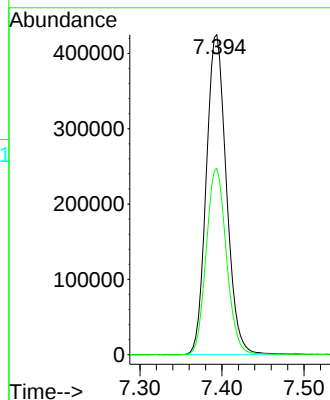
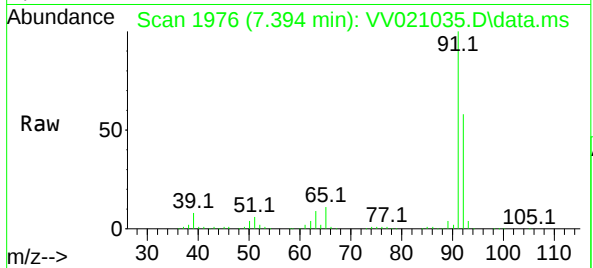




#42
Toluene
Concen: 53.25 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

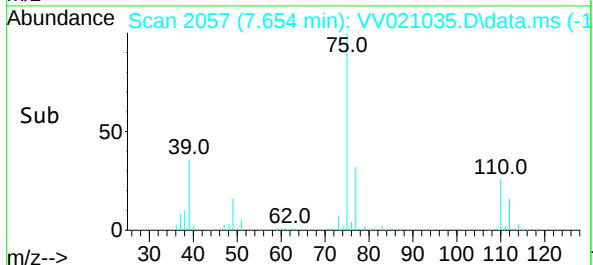
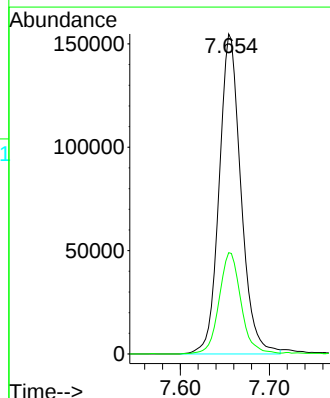
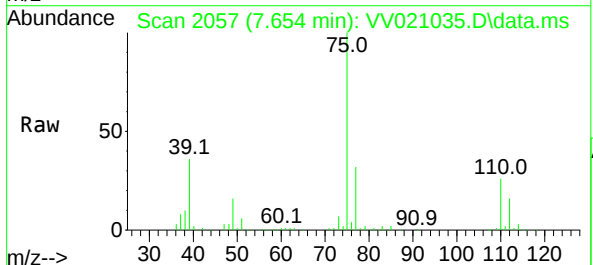
Instrument :
MSVOA_V
ClientSampled :

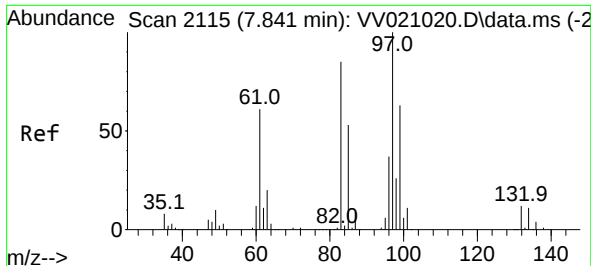
Tgt Ion: 91 Resp: 723165
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 51.05 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 75 Resp: 263299
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3

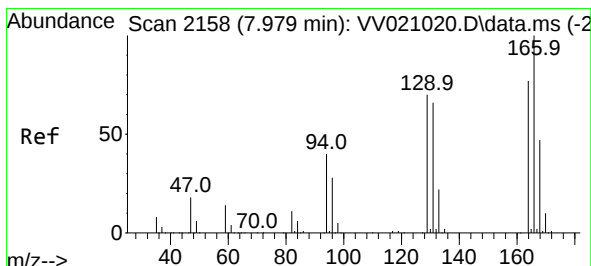
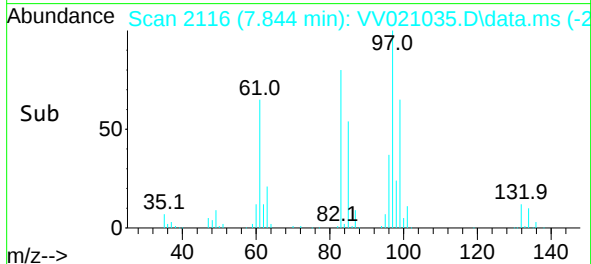
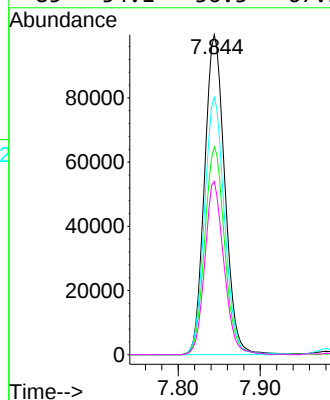
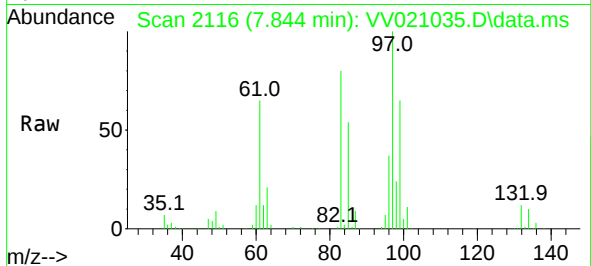




#45
1,1,2-Trichloroethane
Concen: 51.59 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

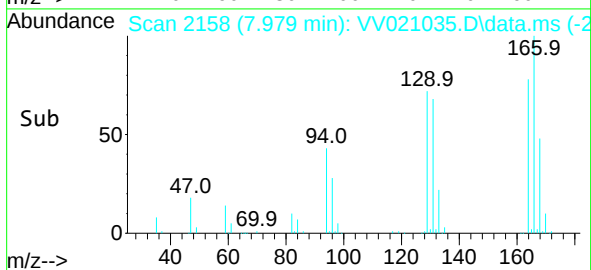
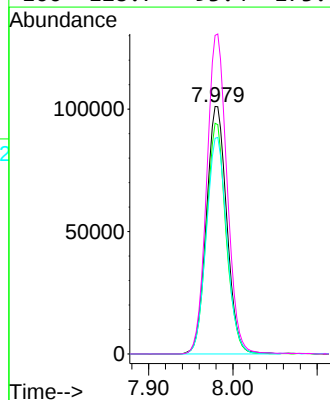
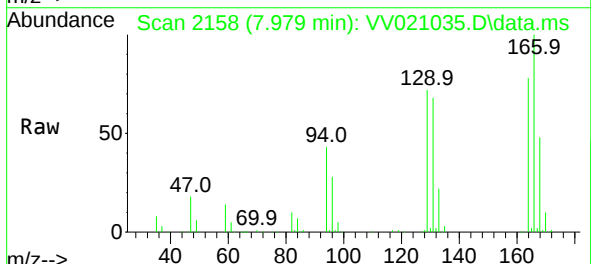
Instrument :
MSVOA_V
ClientSampleId :

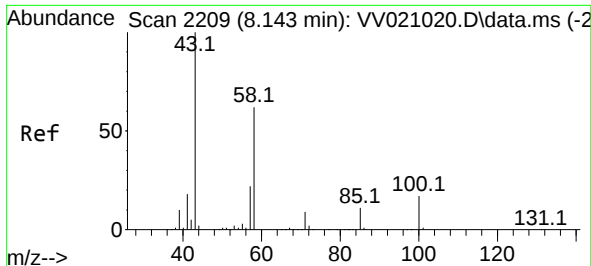
Tgt Ion:	97	Resp:	171100
Ion	Ratio	Lower	Upper
97	100		
99	64.9	44.9	83.3
83	80.4	54.5	101.1
85	54.1	36.3	67.3



#46
Tetrachloroethene
Concen: 51.60 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:	164	Resp:	170351
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.5	123.5
131	87.2	63.8	118.4
166	128.7	93.4	173.4

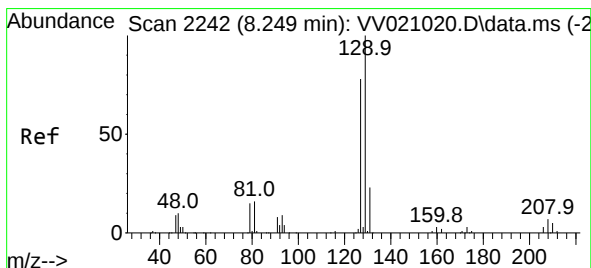
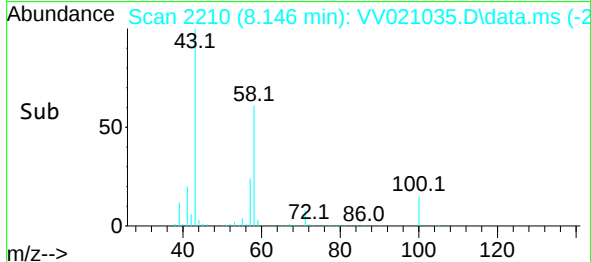
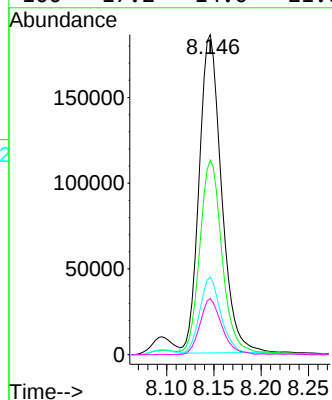
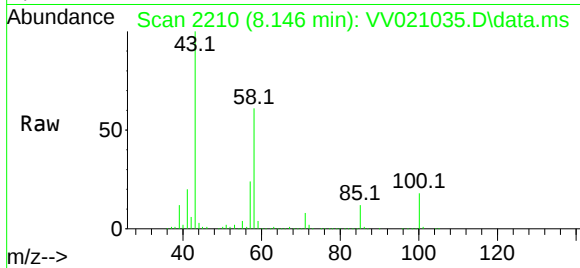




#48
2-Hexanone
Concen: 112.00 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

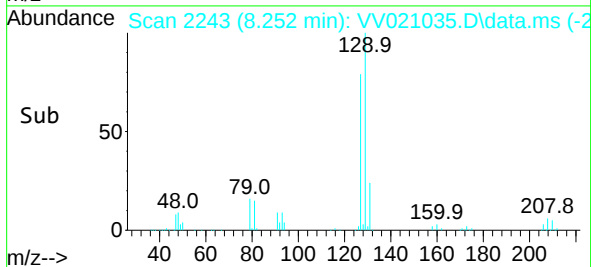
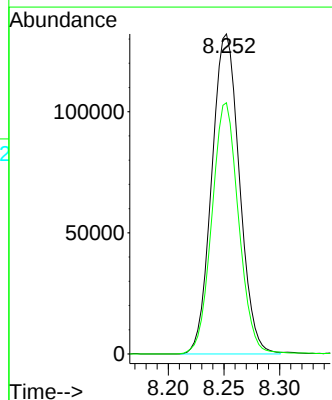
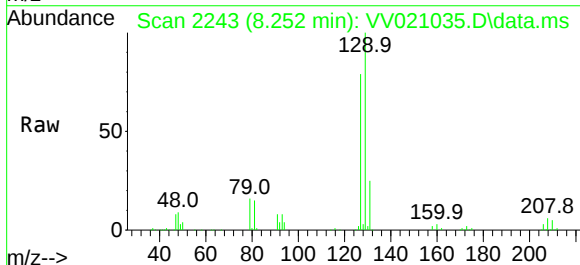
Instrument :
MSVOA_V
ClientSampleId :

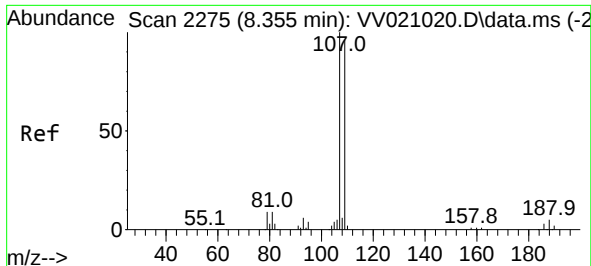
Tgt Ion: 43 Resp: 304597
Ion Ratio Lower Upper
43 100
58 60.9 47.5 71.3
57 23.9 19.6 29.4
100 17.2 14.0 21.0



#49
Dibromochloromethane
Concen: 51.74 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

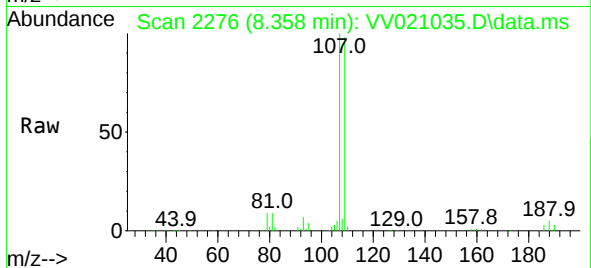
Tgt Ion: 129 Resp: 228548
Ion Ratio Lower Upper
129 100
127 78.5 54.0 100.2



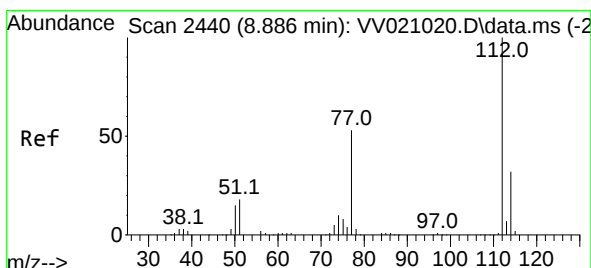
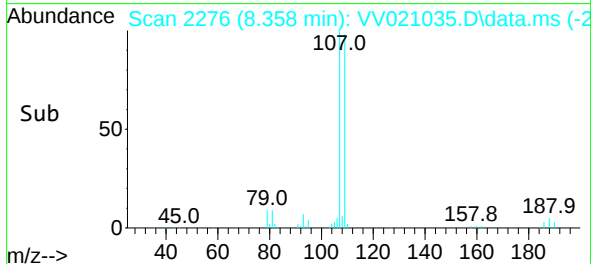
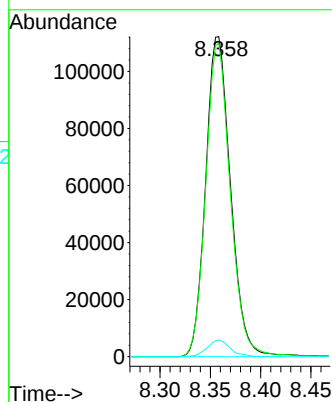


#50
1,2-Dibromoethane
Concen: 52.22 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Instrument :
MSVOA_V
ClientSampled :

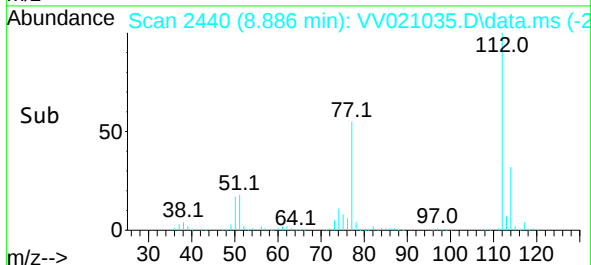
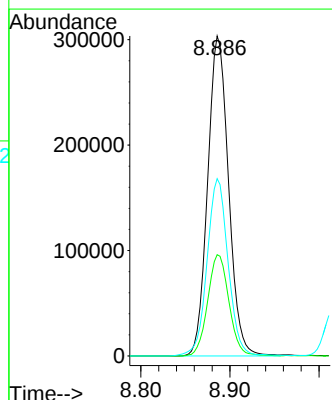
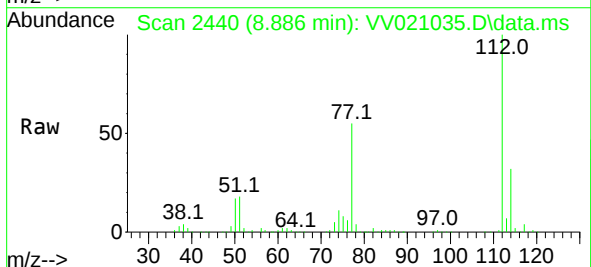


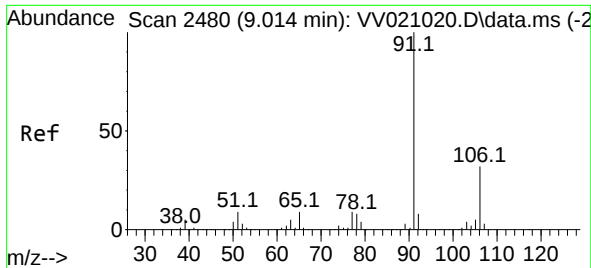
Tgt Ion:107 Resp: 192643
Ion Ratio Lower Upper
107 100
109 97.9 62.2 115.6
188 5.3 3.8 5.8



#51
Chlorobenzene
Concen: 51.69 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:112 Resp: 494534
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 55.4 44.8 67.2

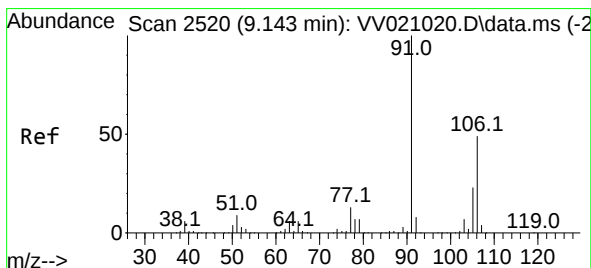
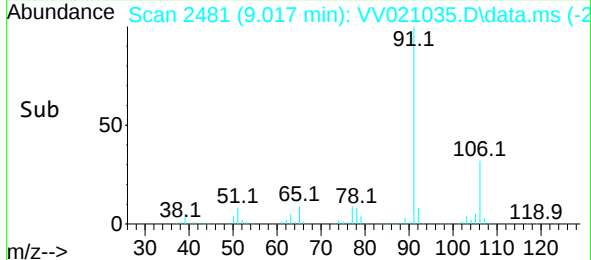
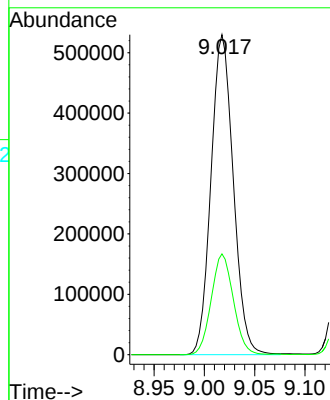
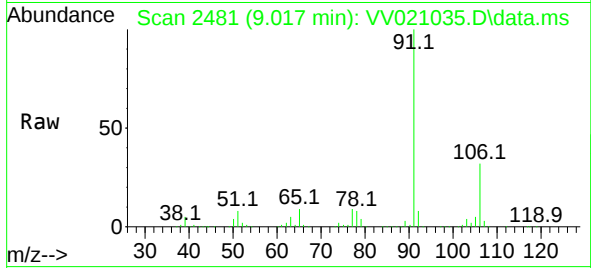




#52
Ethylbenzene
Concen: 53.19 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

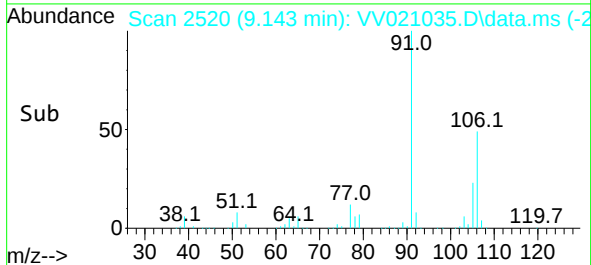
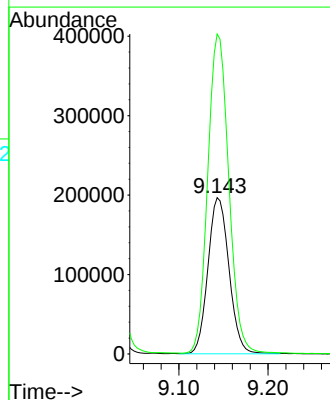
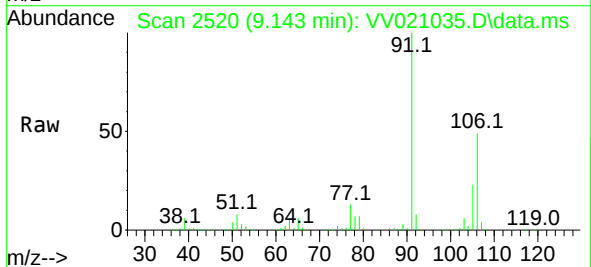
Instrument :
MSVOA_V
ClientSampled :

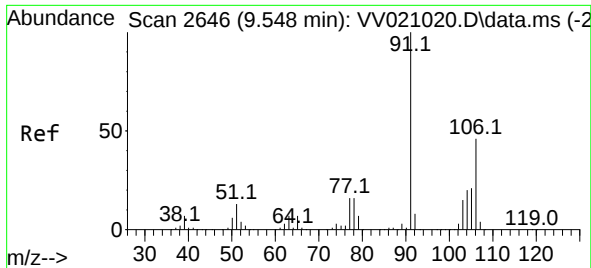
Tgt Ion: 91 Resp: 817389
Ion Ratio Lower Upper
91 100
106 31.5 22.1 41.1



#53
m,p-Xylene
Concen: 53.41 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 106 Resp: 322838
Ion Ratio Lower Upper
106 100
91 204.6 143.3 266.1

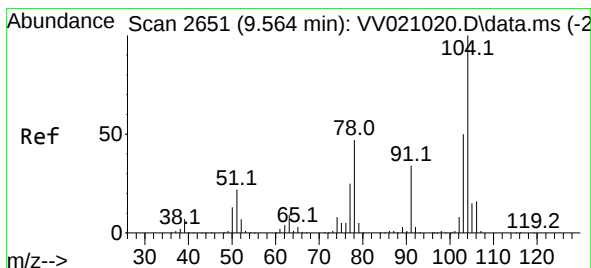
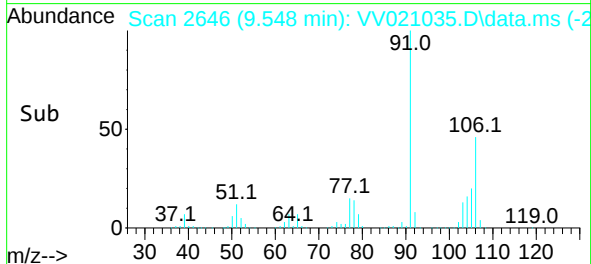
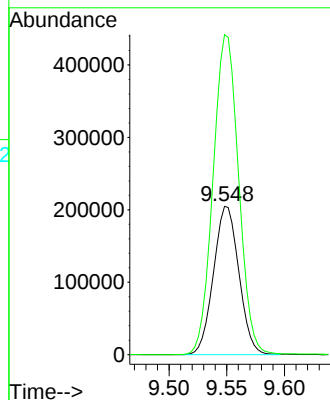
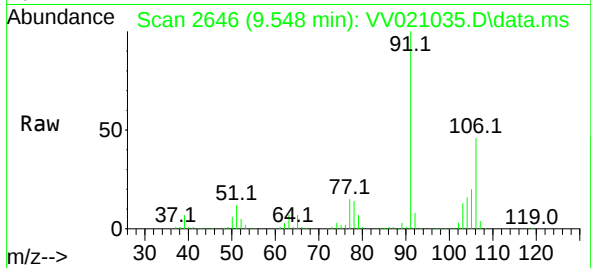




#54
o-Xylene
Concen: 53.61 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

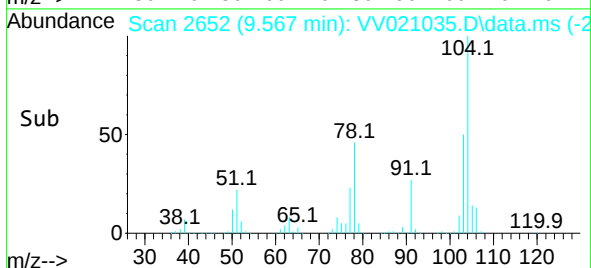
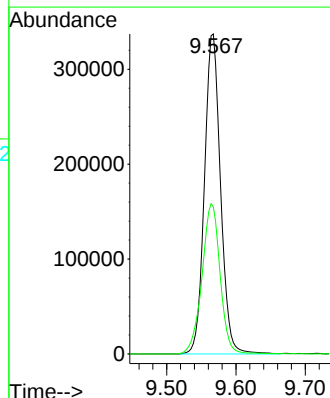
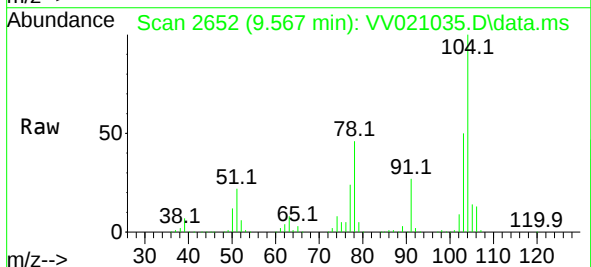
Instrument :
MSVOA_V
ClientSampled :

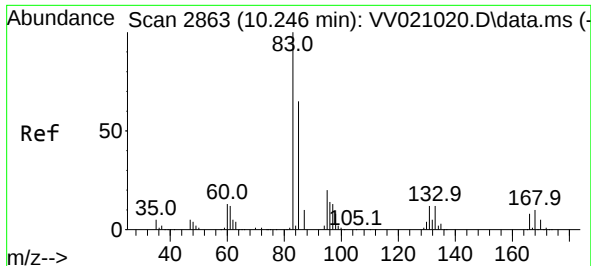
Tgt Ion:106 Resp: 313255
Ion Ratio Lower Upper
106 100
91 215.7 154.5 286.9



#55
Styrene
Concen: 54.26 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:104 Resp: 543587
Ion Ratio Lower Upper
104 100
78 46.0 33.4 62.0

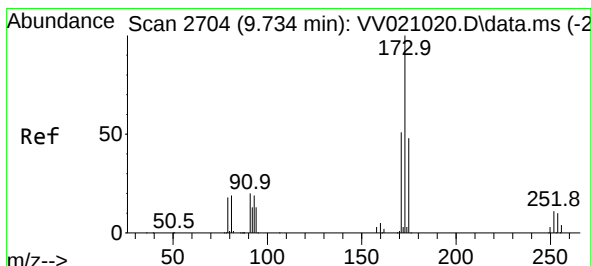
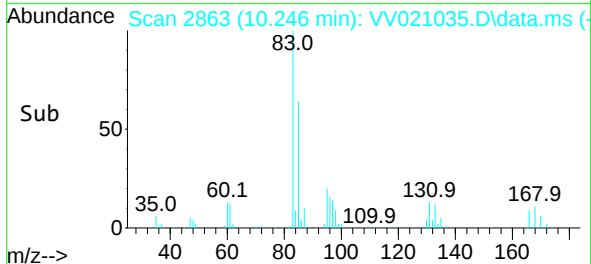
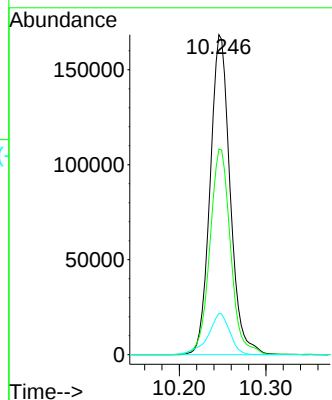
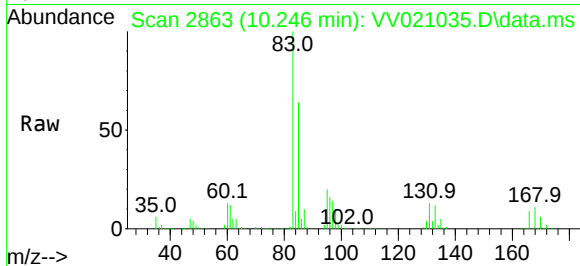




#57
1,1,2,2-Tetrachloroethane
Concen: 51.22 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

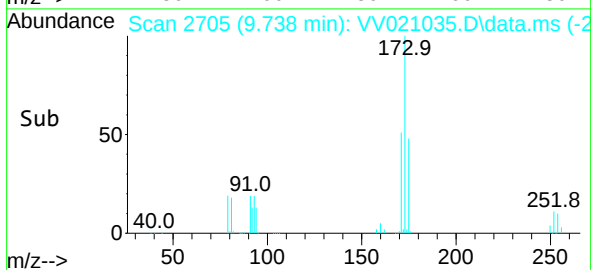
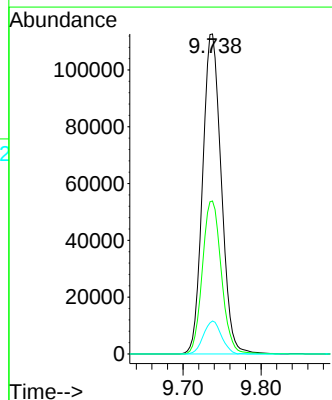
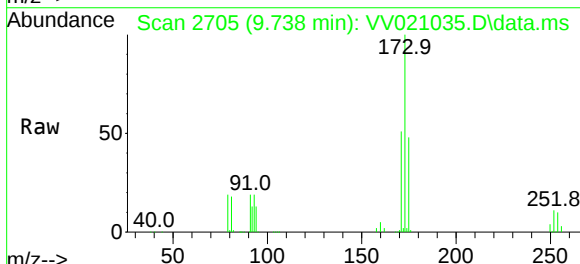
Instrument :
MSVOA_V
ClientSampleId :

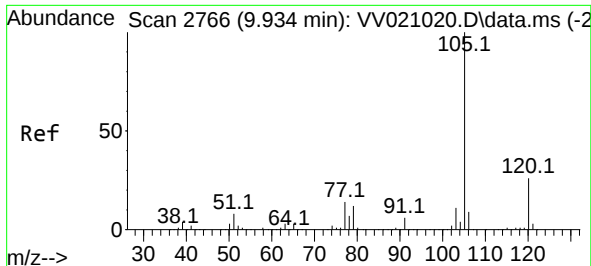
Tgt Ion: 83 Resp: 269935
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1
131 12.9 10.0 15.0



#59
Bromoform
Concen: 52.39 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 173 Resp: 187255
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 9.9 8.2 12.4

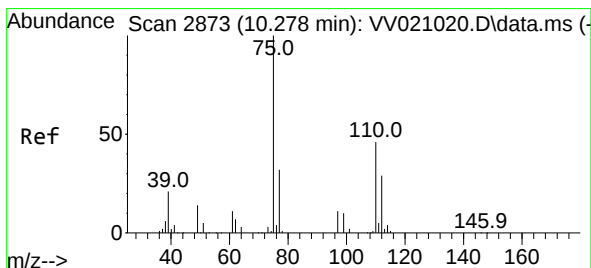
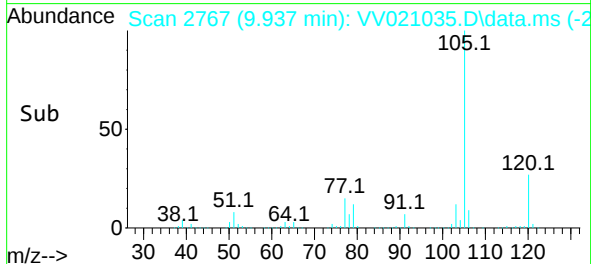
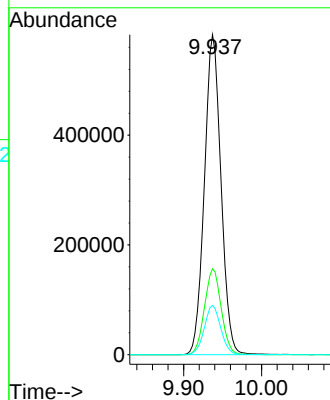
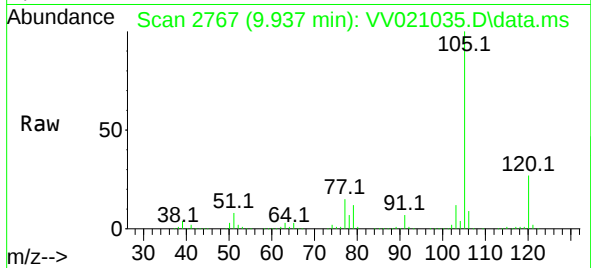




#60
Isopropylbenzene
Concen: 53.24 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

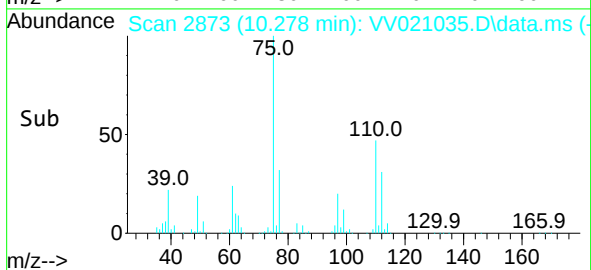
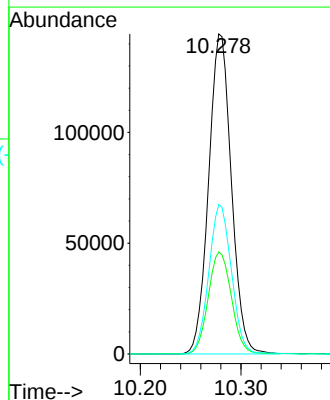
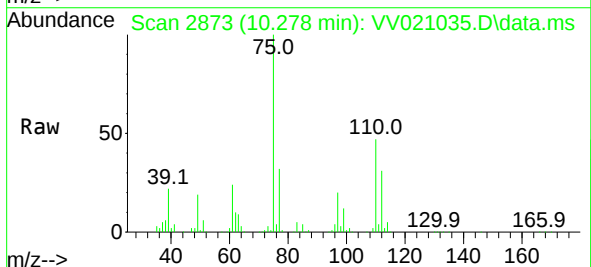
Instrument :
MSVOA_V
ClientSampleId :

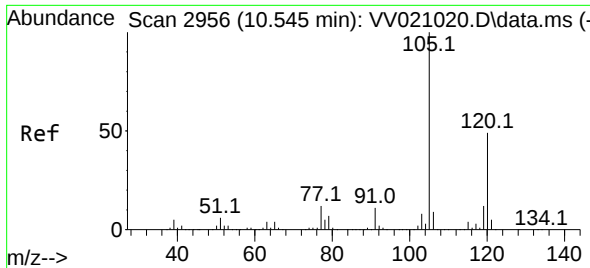
Tgt Ion:105 Resp: 861587
Ion Ratio Lower Upper
105 100
120 27.0 20.8 31.2
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 52.60 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 75 Resp: 226938
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 46.5 38.6 57.8

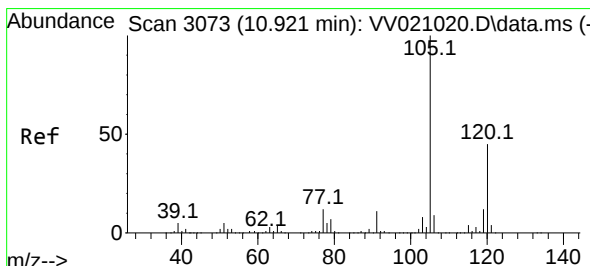
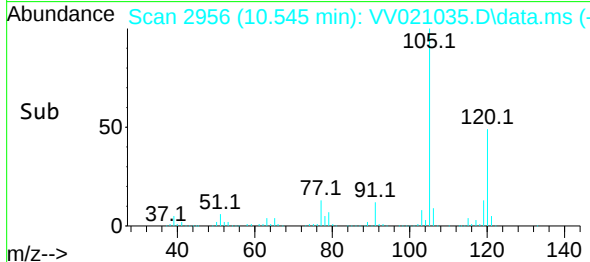
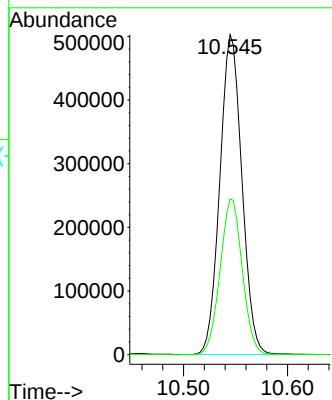
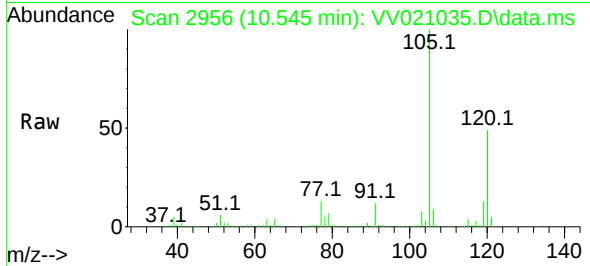




#62
1,3,5-Trimethylbenzene
Concen: 53.54 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

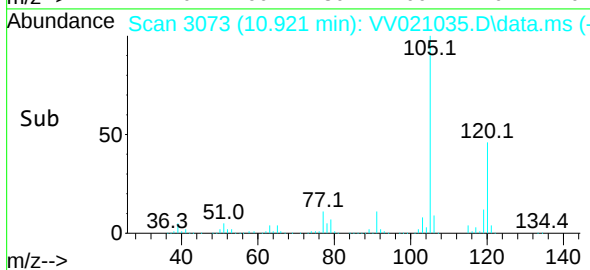
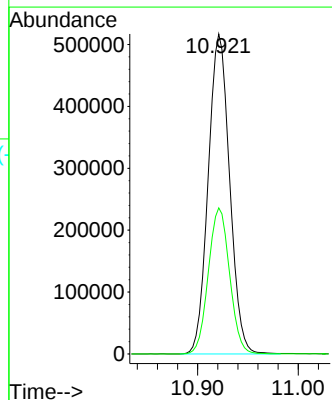
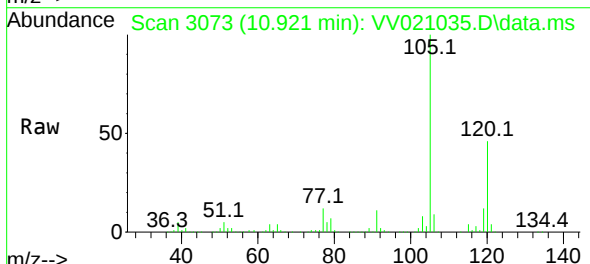
Instrument :
MSVOA_V
ClientSampled :

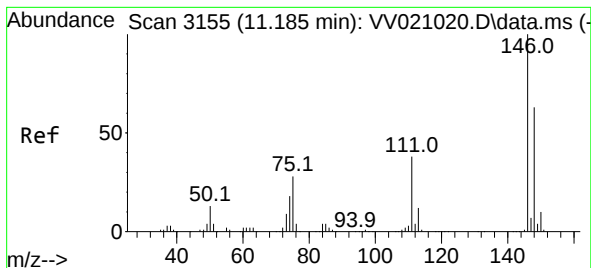
Tgt Ion:105 Resp: 741537
Ion Ratio Lower Upper
105 100
120 49.0 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 54.43 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:105 Resp: 764988
Ion Ratio Lower Upper
105 100
120 45.3 35.7 53.5

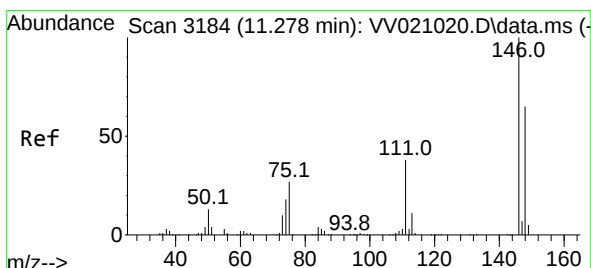
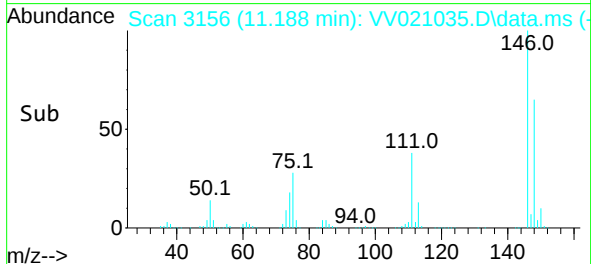
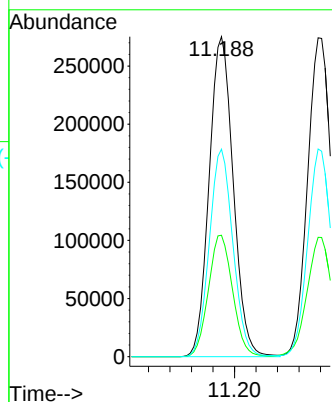
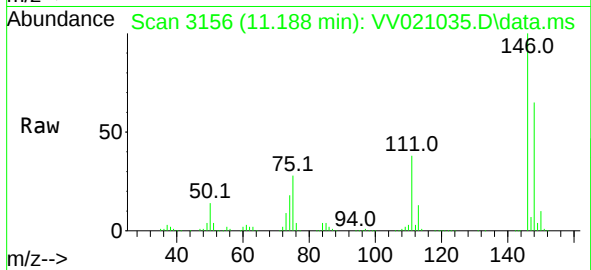




#64
1,3-Dichlorobenzene
Concen: 51.57 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

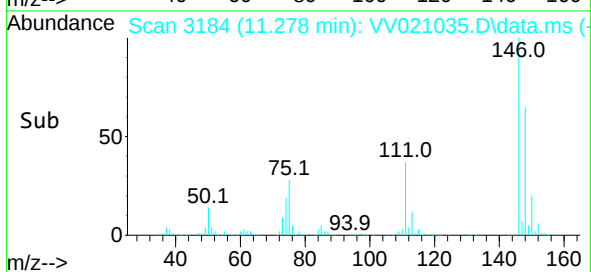
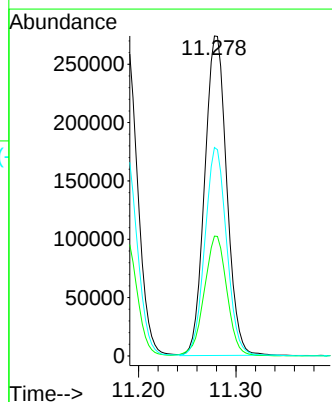
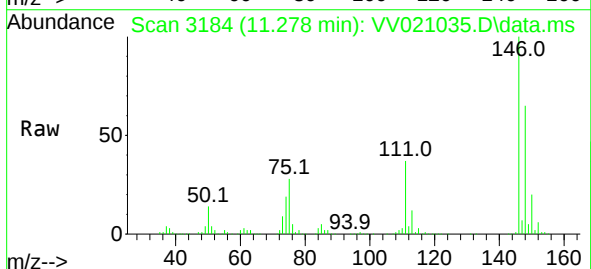
Instrument :
MSVOA_V
ClientSampled :

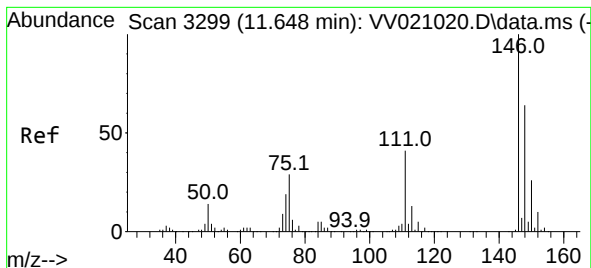
Tgt Ion:146 Resp: 428066
Ion Ratio Lower Upper
146 100
111 37.9 27.2 50.6
148 64.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 49.35 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:146 Resp: 429957
Ion Ratio Lower Upper
146 100
111 37.5 26.3 48.9
148 65.2 43.5 80.7

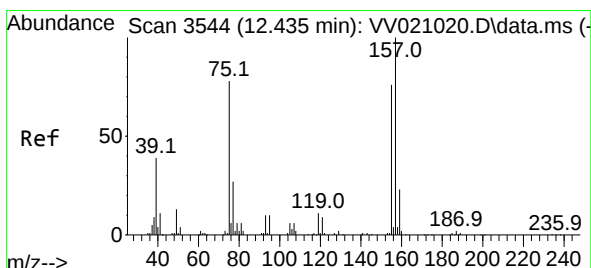
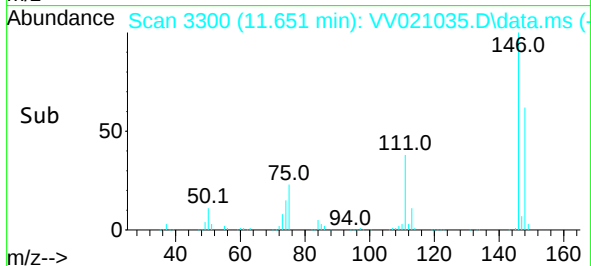
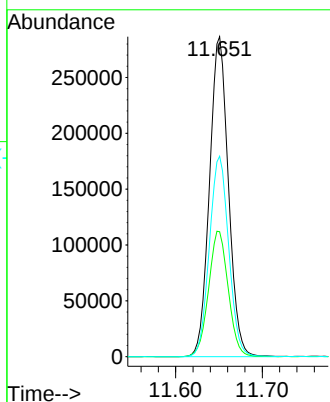
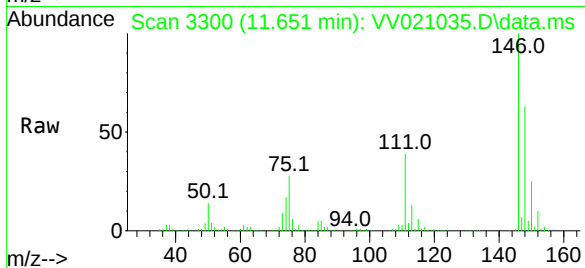




#67
1,2-Dichlorobenzene
Concen: 50.47 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

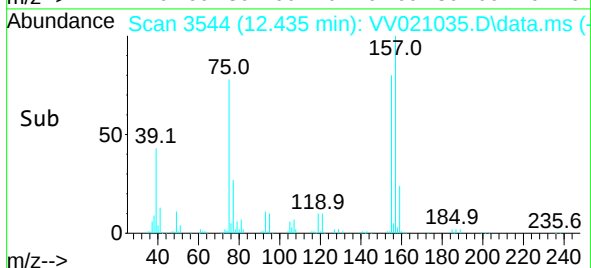
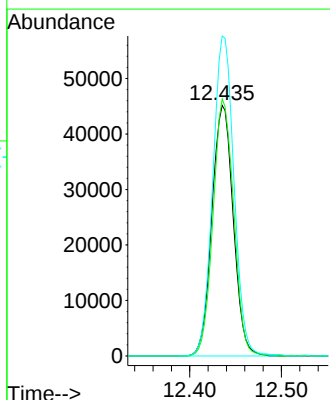
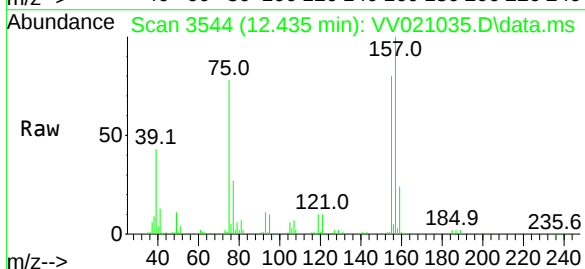
Instrument :
MSVOA_V
ClientSampled :

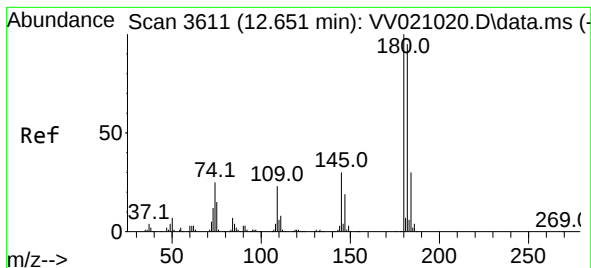
Tgt Ion:146 Resp: 434250
Ion Ratio Lower Upper
146 100
111 39.0 31.5 47.3
148 62.6 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 56.86 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion: 75 Resp: 73063
Ion Ratio Lower Upper
75 100
155 102.6 77.4 116.0
157 127.7 96.8 145.2





#69

1,3,5-Trichlorobenzene

Concen: 51.50 ug/L

RT: 12.654 min Scan# 3612

Delta R.T. 0.003 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

Tgt Ion:180 Resp: 336563

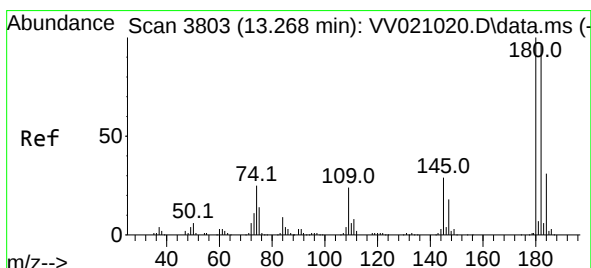
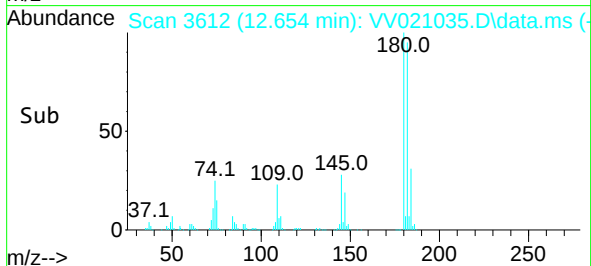
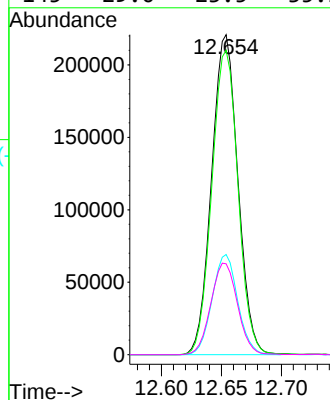
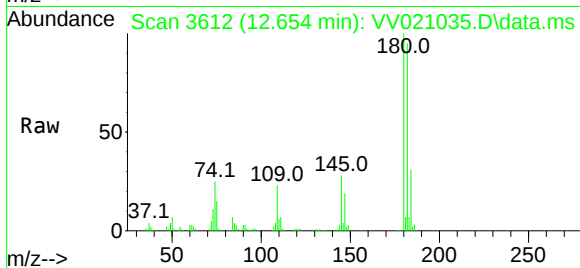
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.2

184 30.5 25.0 37.4

145 29.0 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 52.87 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.000 min

Lab File: VV021035.D

Acq: 15 Apr 2021 17:21

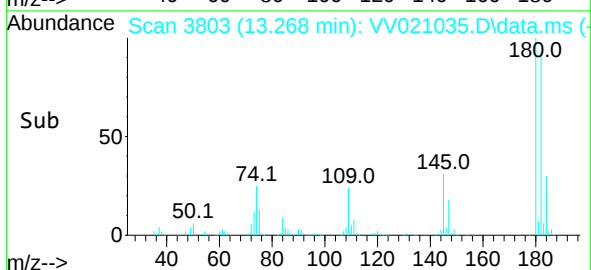
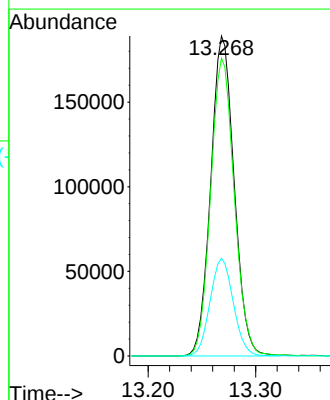
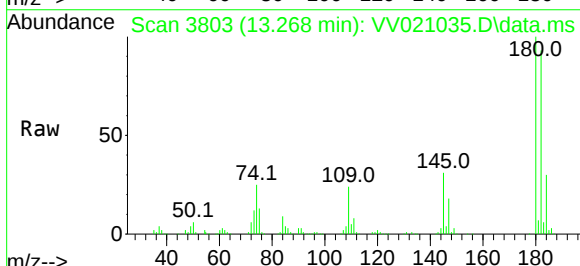
Tgt Ion:180 Resp: 285700

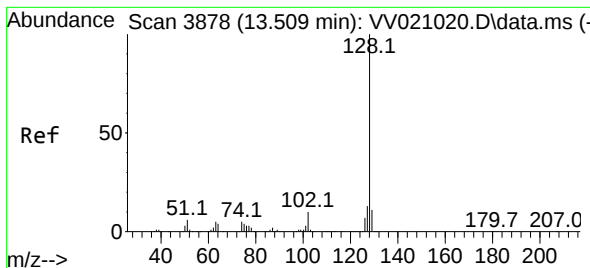
Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.8

145 30.3 22.9 34.3

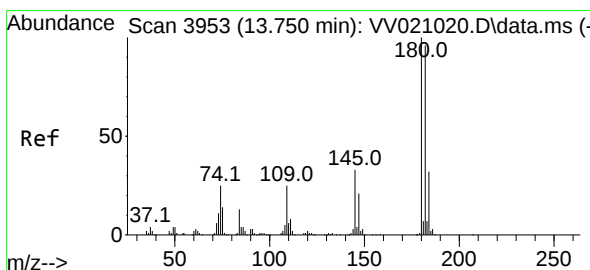
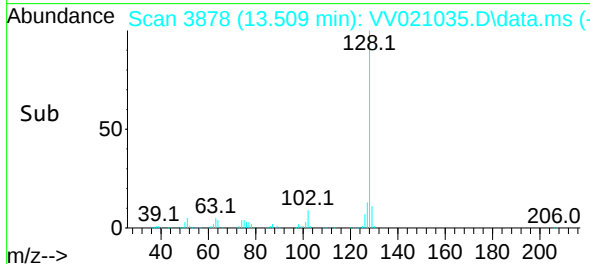
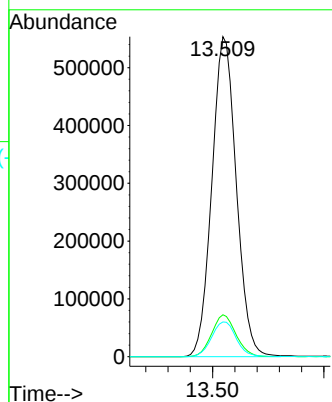
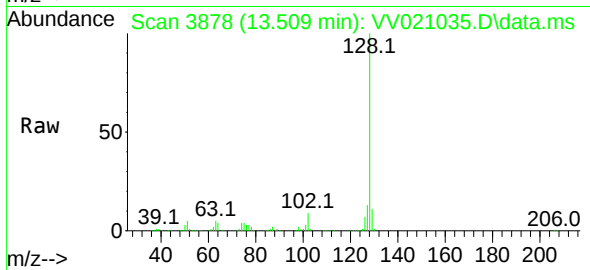




#71
Naphthalene
Concen: 59.79 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 841787
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 55.49 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.004 min
Lab File: VV021035.D
Acq: 15 Apr 2021 17:21

Tgt Ion:180 Resp: 301527
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 31.9 25.6 38.4

