

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080621\
 Data File : VV021745.D
 Acq On : 06 Aug 2021 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 07 01:42:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 04 01:10:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	401907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	375956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	198556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106005	41.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.000%
7) Chloroethane-d5	1.564	69	83484	40.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.108	63	185996	41.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
21) 2-Butanone-d5	3.879	46	220817	101.847	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.850%
24) Chloroform-d	4.346	84	256481	47.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	5.030	65	154071	48.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
32) Benzene-d6	5.050	84	510215	47.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	6.069	67	163585	48.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	7.317	98	478178	48.502	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	79085	47.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.920%
47) 2-Hexanone-d5	8.088	63	152828	103.775	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.770%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	215883	48.500	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	196045	47.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	130854	49.195	ug/L	99
3) Chloromethane	1.240	50	123494	47.097	ug/L	100
5) Vinyl chloride	1.310	62	130210	48.732	ug/L	99
6) Bromomethane	1.519	94	80256	54.633	ug/L	99
8) Chloroethane	1.580	64	70524	43.148	ug/L	100
9) Trichlorofluoromethane	1.748	101	195562	50.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	103709	47.275	ug/L	100
12) 1,1-Dichloroethene	2.114	96	90614	45.055	ug/L	95
13) Acetone	2.169	43	158818	111.663	ug/L	100
14) Carbon disulfide	2.291	76	257108	47.699	ug/L	100
15) Methyl Acetate	2.429	43	148797	50.118	ug/L	98
16) Methylene chloride	2.503	84	136957	50.021	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	118810	50.066	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	416602	49.825	ug/L	100
19) 1,1-Dichloroethane	3.188	63	233275	50.405	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	142104	50.574	ug/L	96
22) 2-Butanone	3.963	43	222071	107.294	ug/L	97
23) Bromochloromethane	4.246	128	74356	49.257	ug/L	96
25) Chloroform	4.375	83	243470	50.141	ug/L	99

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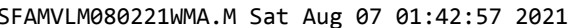
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 ClientSampleId :

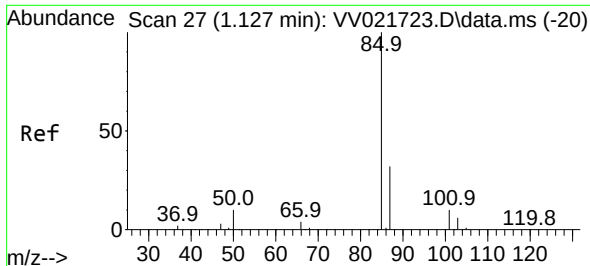
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	169625	49.412	ug/L	99
29) Cyclohexane	4.677	56	186758	49.649	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	213325	50.264	ug/L	99
31) Carbon tetrachloride	4.828	117	180642	49.468	ug/L	100
33) Benzene	5.098	78	513723	50.812	ug/L	100
34) Trichloroethene	5.915	95	147040	51.331	ug/L	98
35) Methylcyclohexane	6.130	83	199656	51.124	ug/L	99
37) 1,2-Dichloropropane	6.172	63	137064	50.880	ug/L	100
38) Bromodichloromethane	6.510	83	182406	49.589	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	220444	51.643	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	405502	103.327	ug/L	99
42) Toluene	7.387	91	558178	51.205	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	205707	50.273	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	140856	51.344	ug/L	99
46) Tetrachloroethene	7.976	164	108692	51.344	ug/L	97
48) 2-Hexanone	8.140	43	310518	103.234	ug/L	99
49) Dibromochloromethane	8.246	129	155820	49.869	ug/L	100
50) 1,2-Dibromoethane	8.352	107	148177	50.835	ug/L	99
51) Chlorobenzene	8.882	112	366255	50.284	ug/L	99
52) Ethylbenzene	9.014	91	602984	50.947	ug/L	100
53) m,p-Xylene	9.140	106	234142	50.969	ug/L	100
54) o-Xylene	9.545	106	232436	50.282	ug/L	99
55) Styrene	9.561	104	406347	52.466	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	205272	50.129	ug/L	98
59) Bromoform	9.734	173	113783	49.552	ug/L	100
60) Isopropylbenzene	9.934	105	619737	50.524	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	177923	50.417	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	521700	50.233	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	532170	50.349	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	297140	50.272	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	301206	50.641	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	305139	50.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	44712	48.128	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	222403	50.565	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	189503	51.105	ug/L	99
71) Naphthalene	13.503	128	553871	51.595	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	191657	52.017	ug/L	99

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

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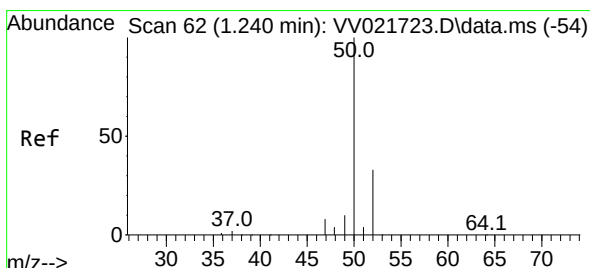
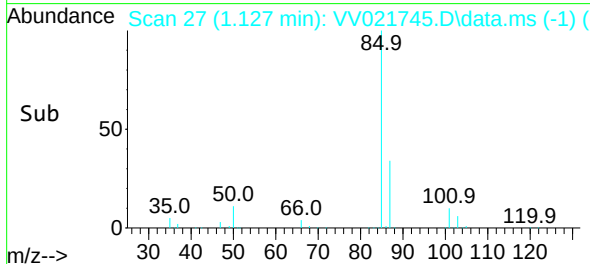
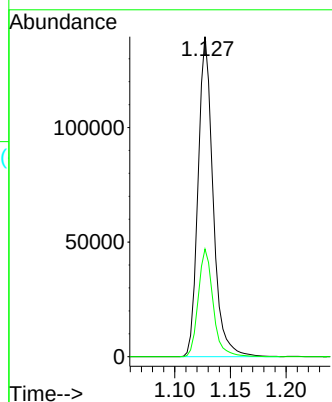
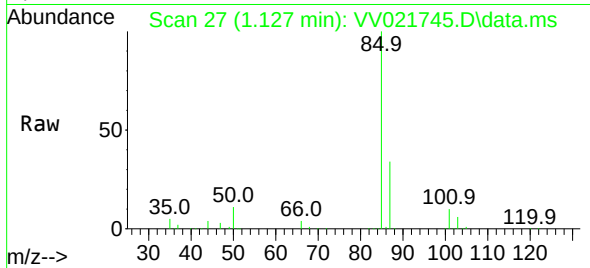




#2
 Dichlorodifluoromethane
 Concen: 49.195 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

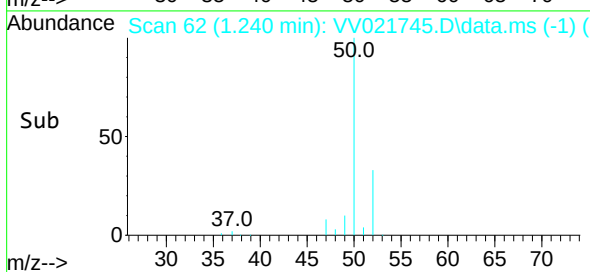
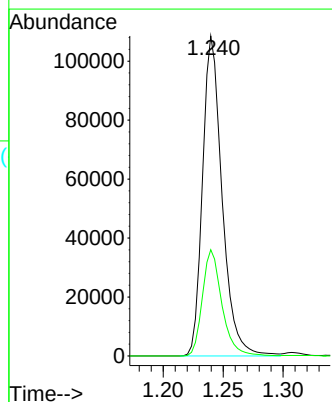
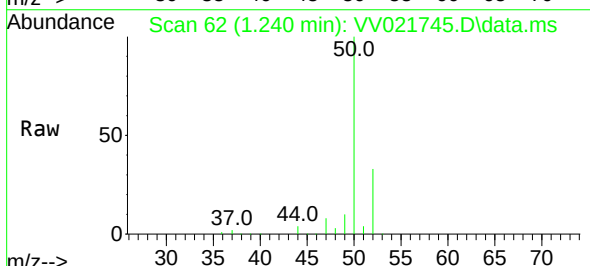
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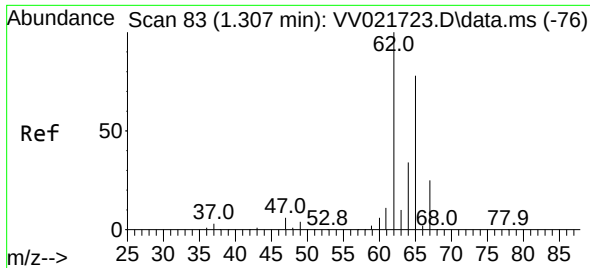
Tgt Ion: 85 Resp: 130854
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.2 39.4



#3
 Chloromethane
 Concen: 47.097 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

Tgt Ion: 50 Resp: 123494
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9

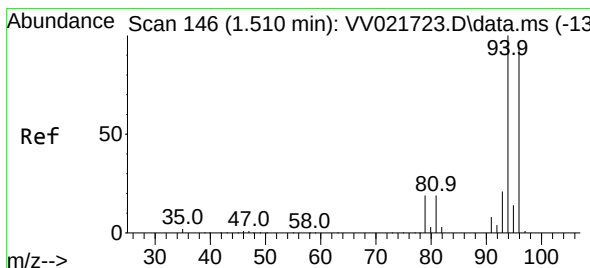
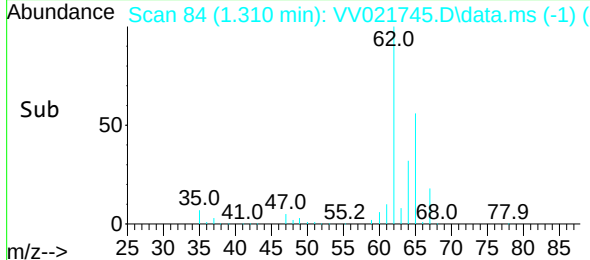
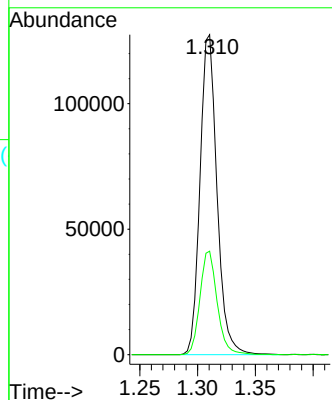
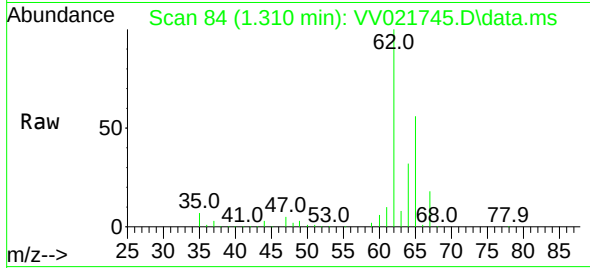




#5
 Vinyl chloride
 Concen: 48.732 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

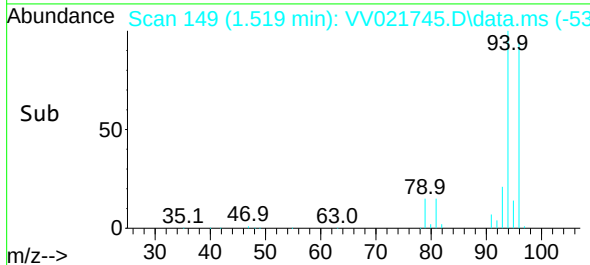
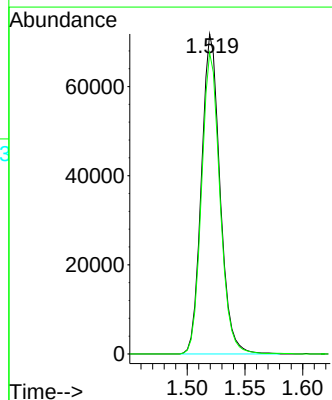
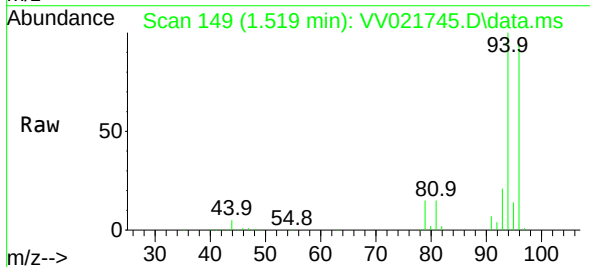
Instrument :
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 ClientSampled :

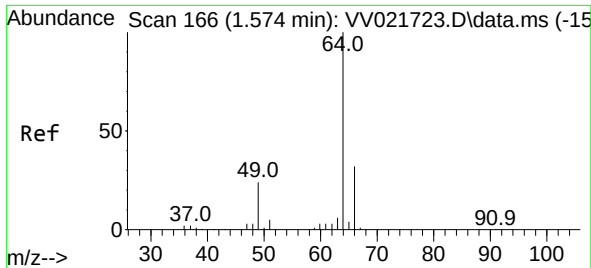
Tgt Ion: 62 Resp: 130210
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 54.633 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.010 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

Tgt Ion: 94 Resp: 80256
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.4 121.4

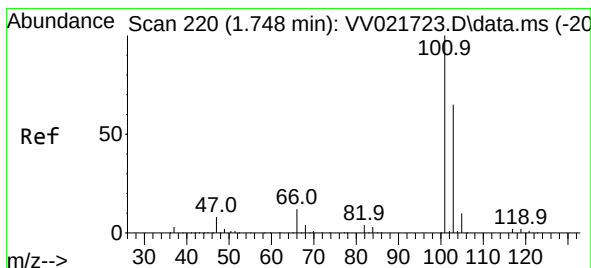
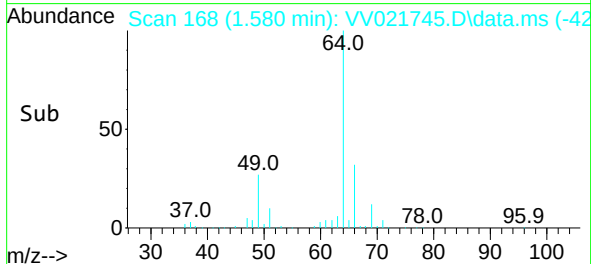
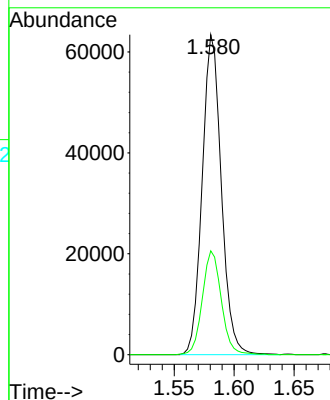
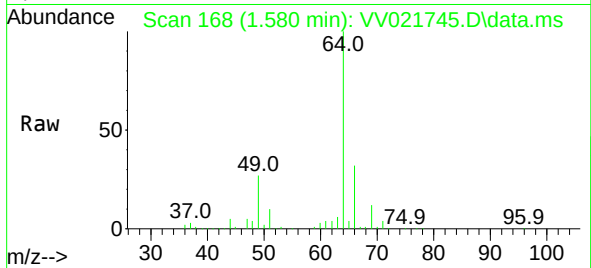




#8
Chloroethane
Concen: 43.148 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.006 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

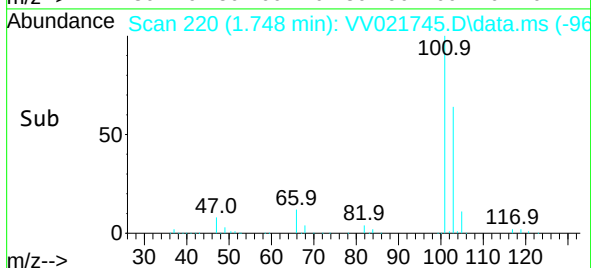
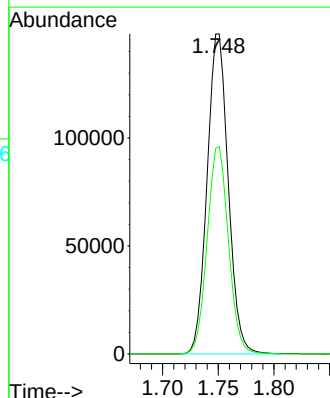
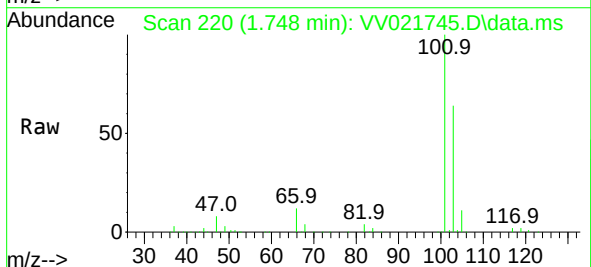
Instrument :
MSVOA_V
ClientSampled :

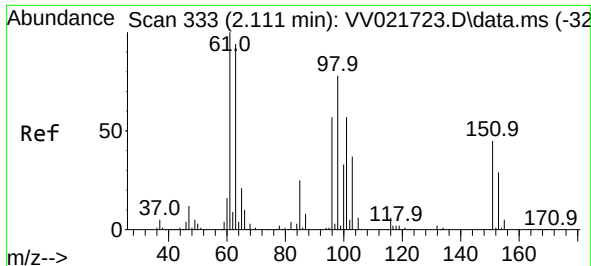
Tgt Ion: 64 Resp: 70524
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.282 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:101 Resp: 195562
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

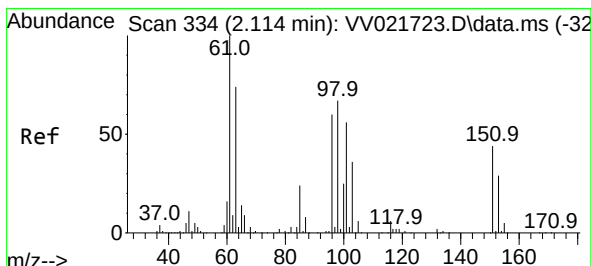
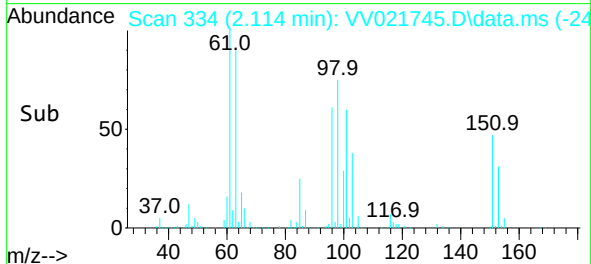
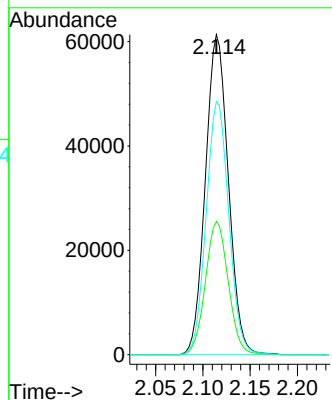
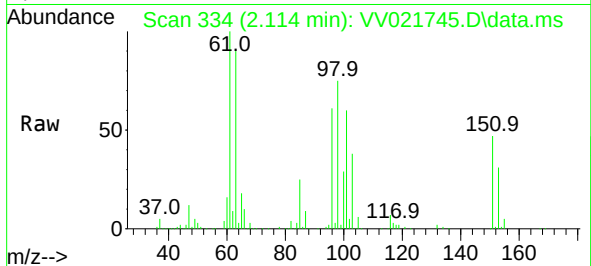




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.275 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

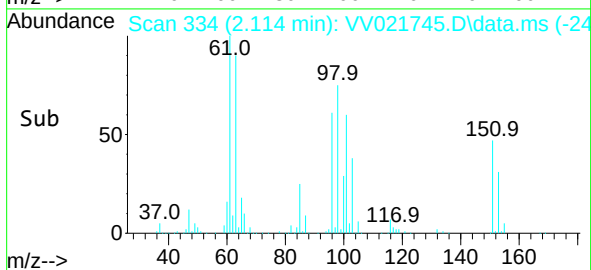
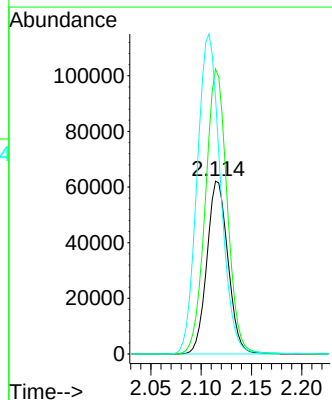
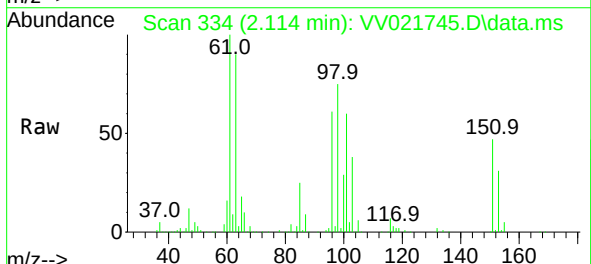
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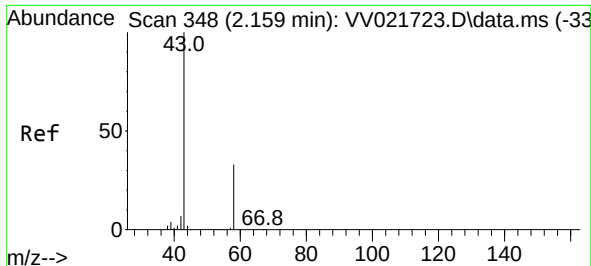
Tgt Ion:101 Resp: 103709
Ion Ratio Lower Upper
101 100
85 41.5 33.7 50.5
151 78.3 62.7 94.1



#12
1,1-Dichloroethene
Concen: 45.055 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 96 Resp: 90614
Ion Ratio Lower Upper
96 100
61 165.0 118.2 219.4
63 148.1 110.9 205.9

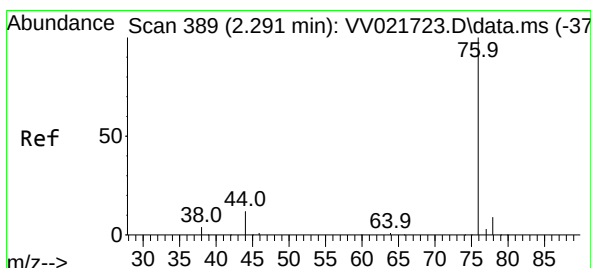
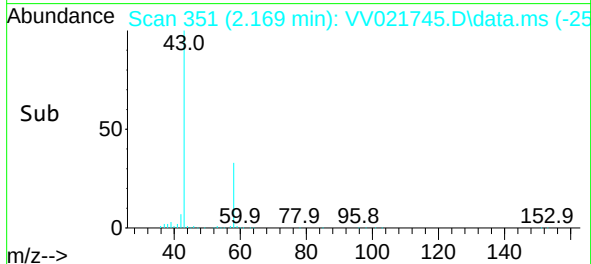
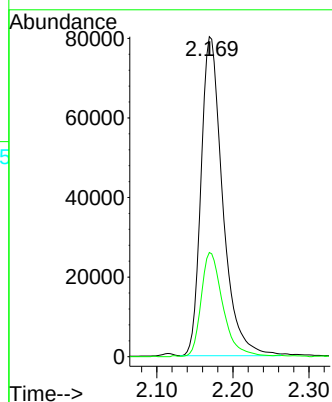
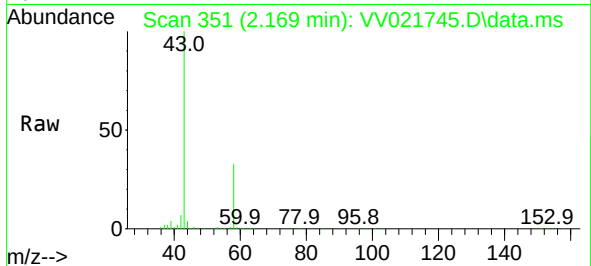




#13
Acetone
Concen: 111.663 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.010 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

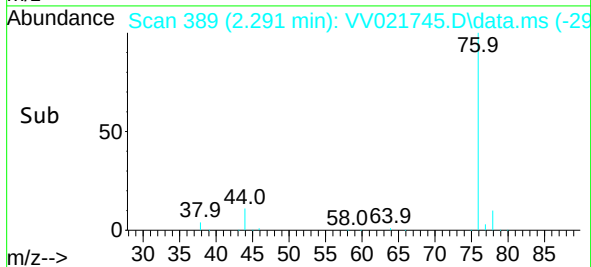
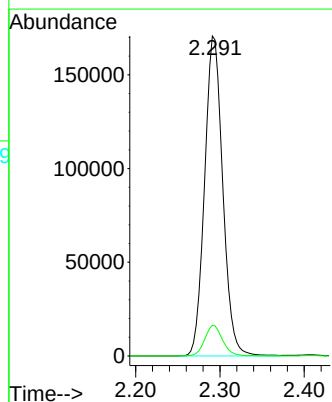
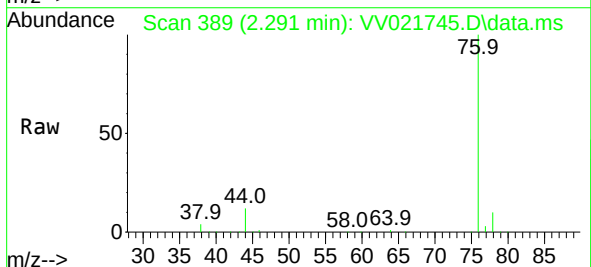
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MSVOA_V
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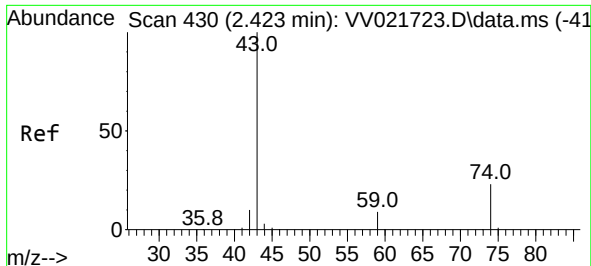
Tgt Ion: 43 Resp: 158818
Ion Ratio Lower Upper
43 100
58 32.8 0.0 66.2



#14
Carbon disulfide
Concen: 47.699 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 76 Resp: 257108
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4

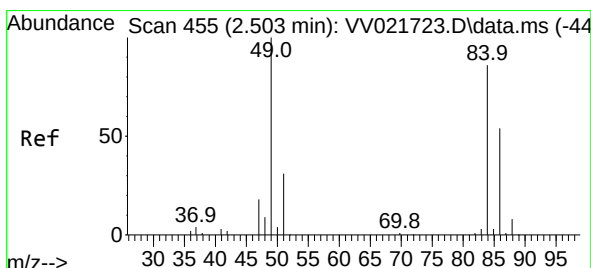
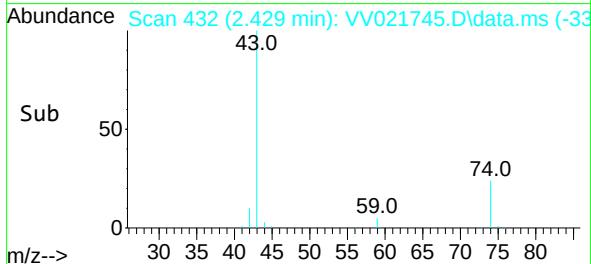
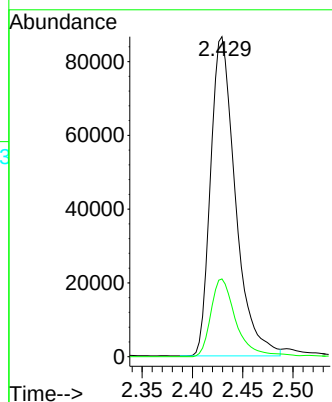
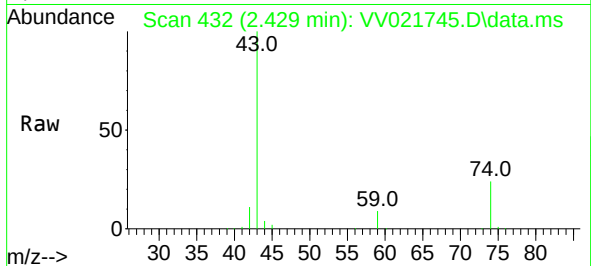




#15
Methyl Acetate
Concen: 50.118 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.006 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

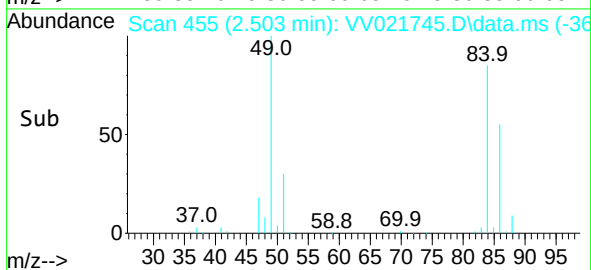
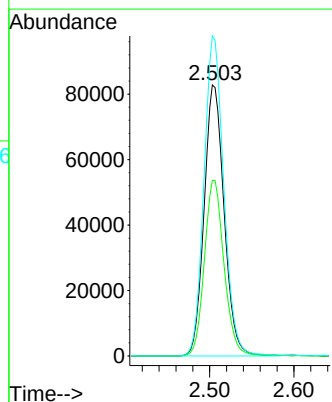
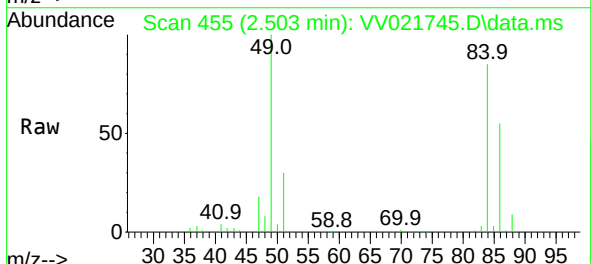
Instrument :
MSVOA_V
ClientSampled :

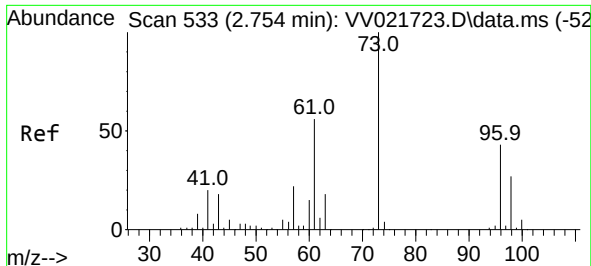
Tgt Ion: 43 Resp: 148797
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.4



#16
Methylene chloride
Concen: 50.021 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 84 Resp: 136957
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.2
49 118.1 83.4 155.0

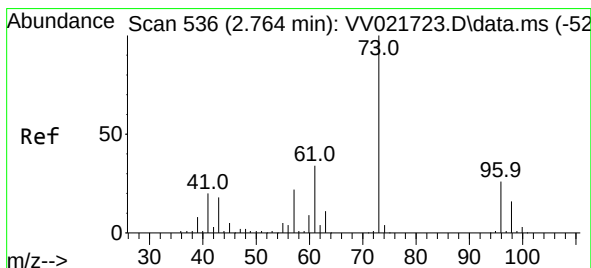
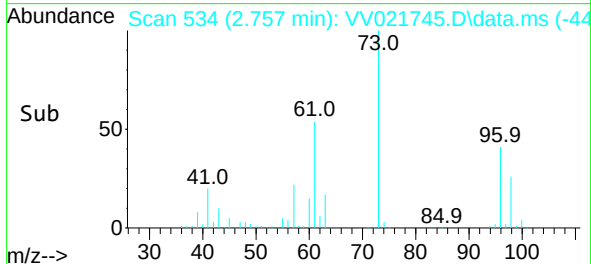
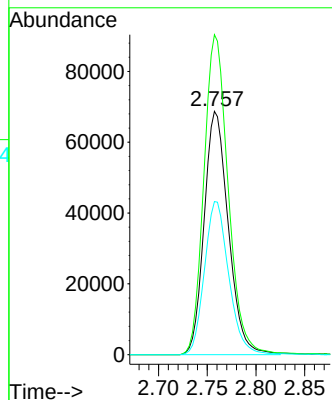
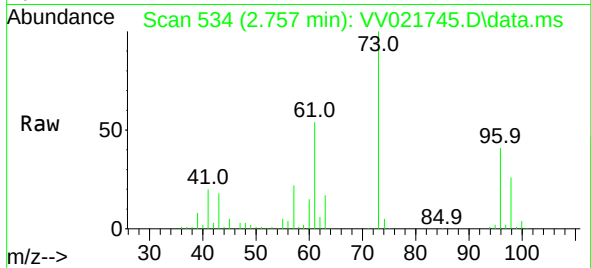




#17
trans-1,2-Dichloroethene
Concen: 50.066 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

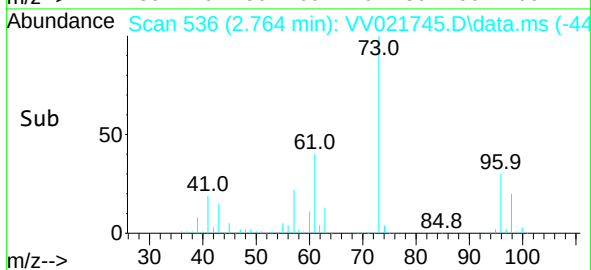
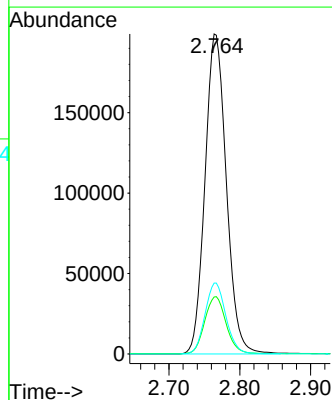
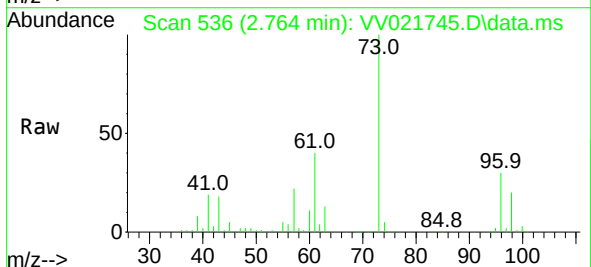
Instrument :
MSVOA_V
ClientSampleId :

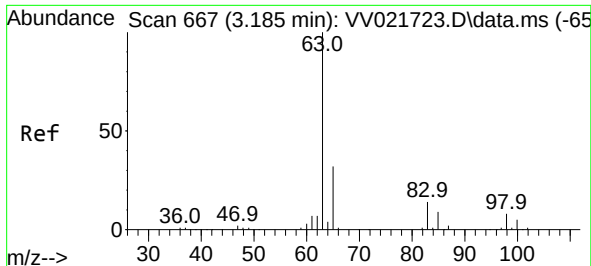
Tgt Ion: 96 Resp: 118810
Ion Ratio Lower Upper
96 100
61 131.5 95.1 176.7
98 62.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.825 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 73 Resp: 416602
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.405 ug/L

RT: 3.188 min Scan# 668

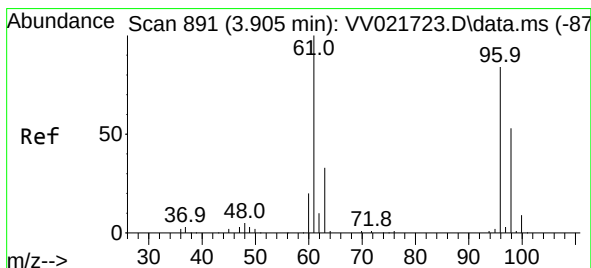
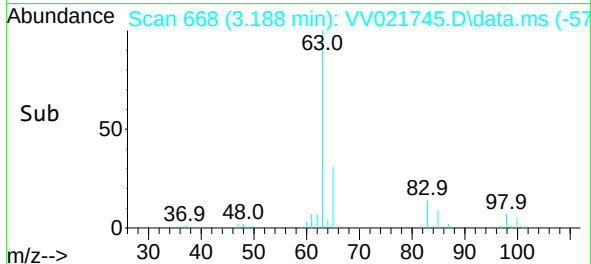
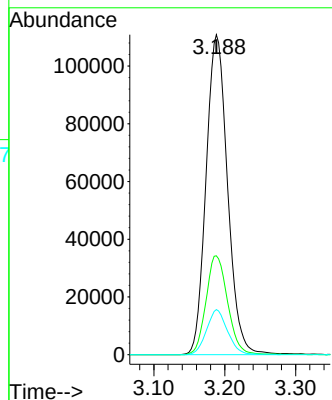
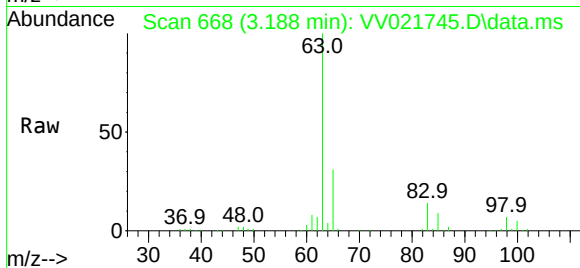
Delta R.T. 0.003 min

Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion: 63 Resp: 233275

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.0	41.0
83	14.1	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 50.574 ug/L

RT: 3.908 min Scan# 892

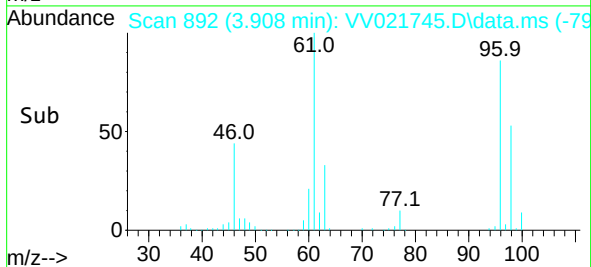
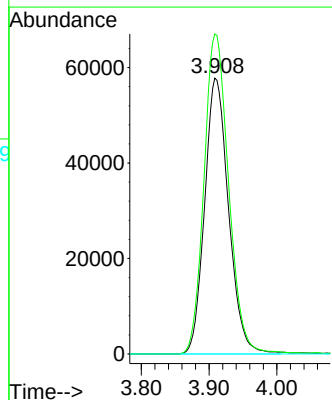
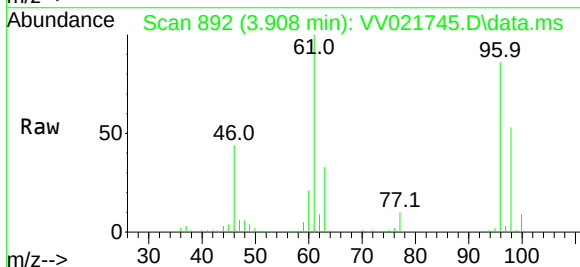
Delta R.T. 0.003 min

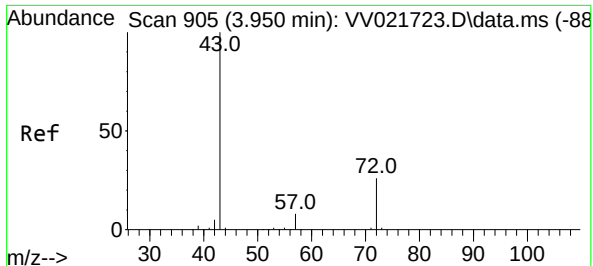
Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion: 96 Resp: 142104

Ion	Ratio	Lower	Upper
96	100		
61	116.0	84.1	156.3
68	0.0	0.0	0.0

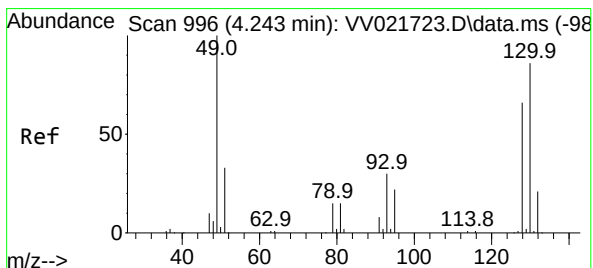
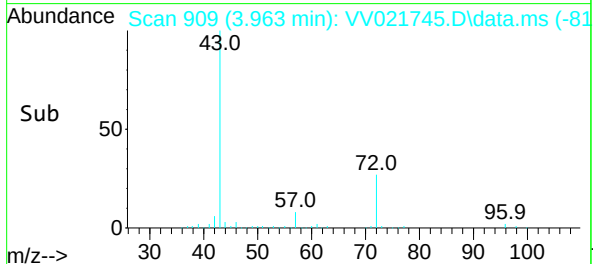
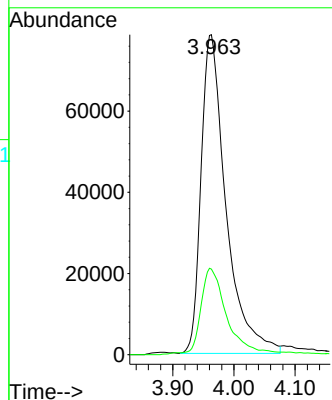
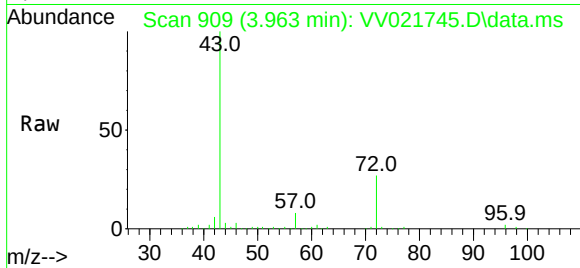




#22
2-Butanone
Concen: 107.294 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.013 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

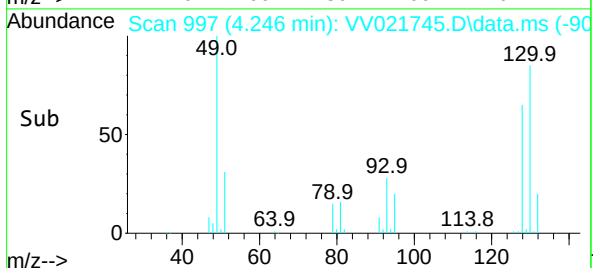
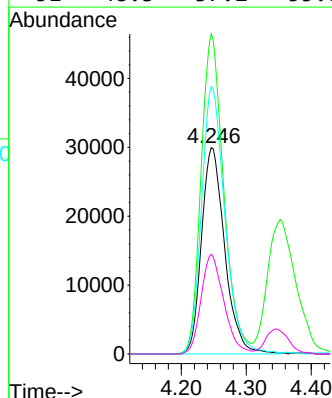
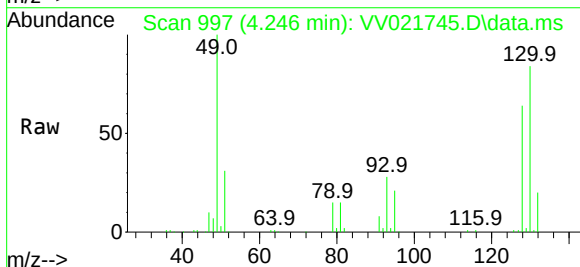
Instrument :
MSVOA_V
ClientSampled :

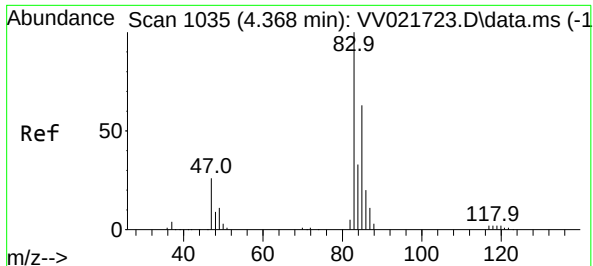
Tgt Ion: 43 Resp: 222071
Ion Ratio Lower Upper
43 100
72 26.0 13.8 41.4



#23
Bromochloromethane
Concen: 49.257 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 128 Resp: 74356
Ion Ratio Lower Upper
128 100
49 155.2 103.6 192.4
130 129.7 88.8 165.0
51 48.3 37.2 55.8





#25

Chloroform

Concen: 50.141 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV021745.D

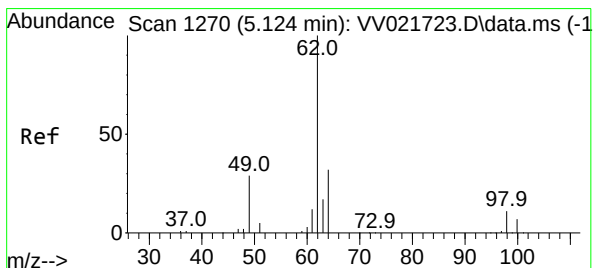
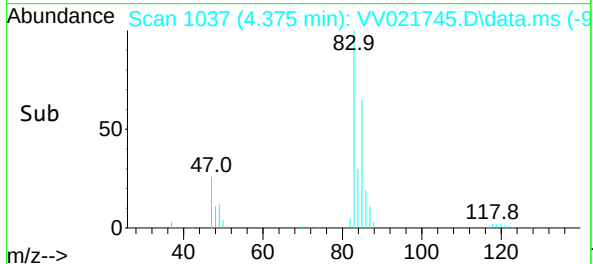
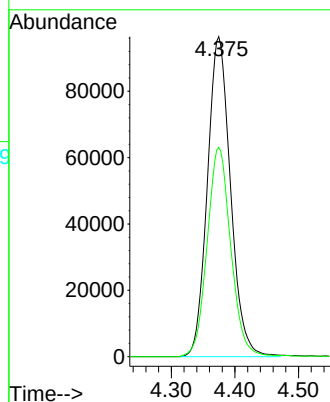
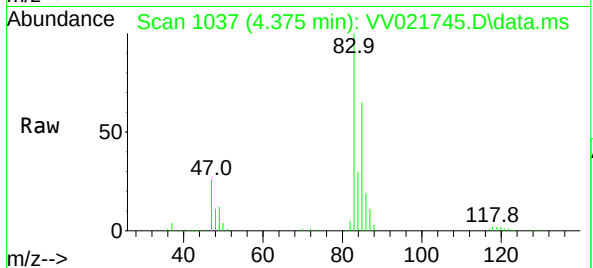
Acq: 06 Aug 2021 10:03

Tgt Ion: 83 Resp: 243470

Ion Ratio Lower Upper

83 100

85 65.4 45.0 83.6



#27

1,2-Dichloroethane

Concen: 49.412 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV021745.D

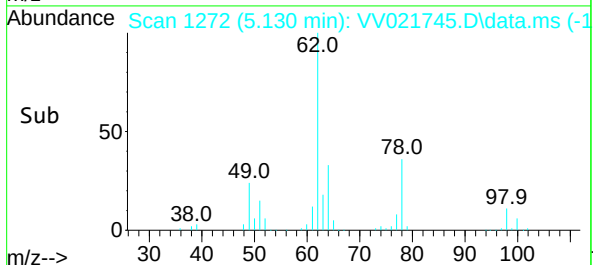
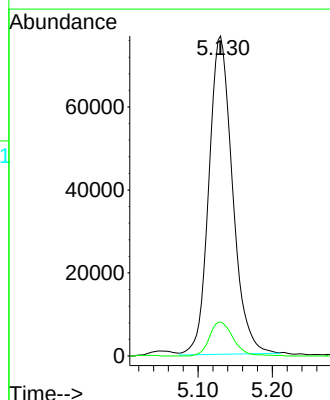
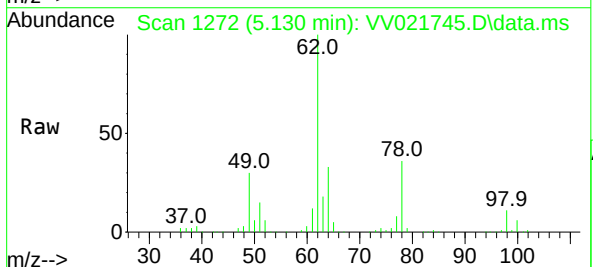
Acq: 06 Aug 2021 10:03

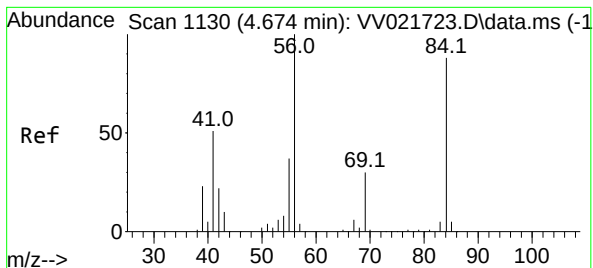
Tgt Ion: 62 Resp: 169625

Ion Ratio Lower Upper

62 100

98 10.6 8.3 12.5





#29

Cyclohexane

Concen: 49.649 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion: 56 Resp: 186758

Ion Ratio Lower Upper

56 100

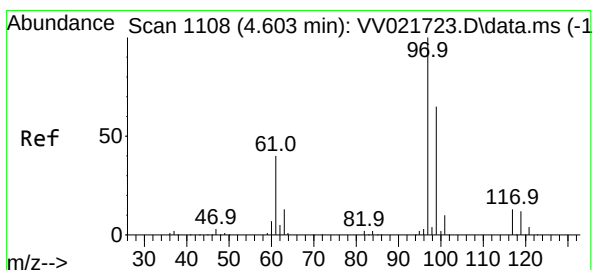
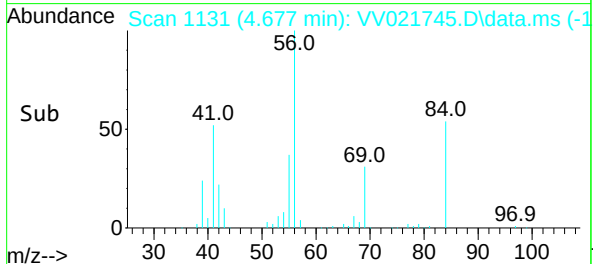
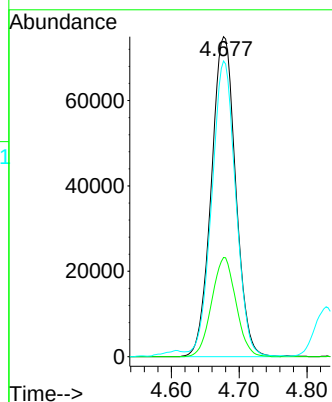
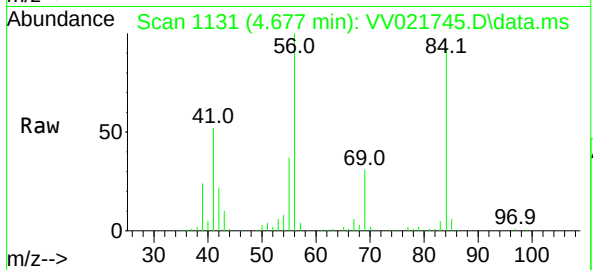
69 30.9 25.1 37.7

84 90.5 71.7 107.5

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 50.264 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

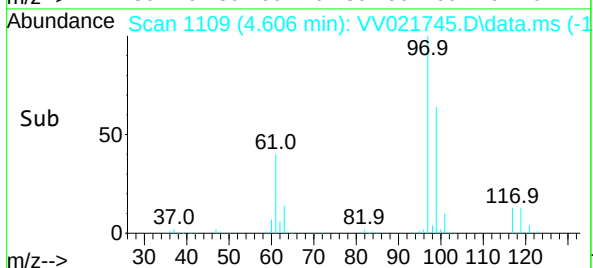
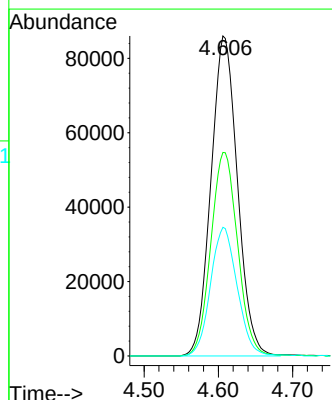
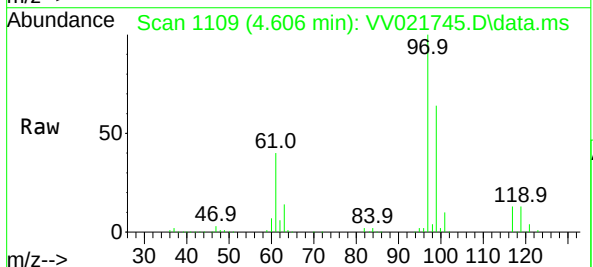
Tgt Ion: 97 Resp: 213325

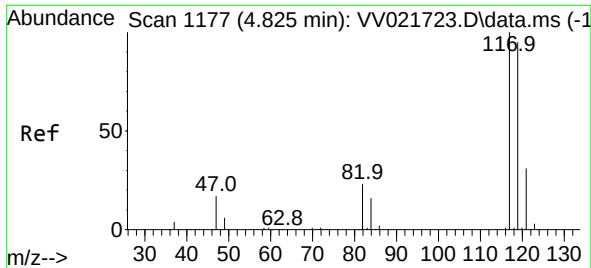
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 40.4 32.6 49.0

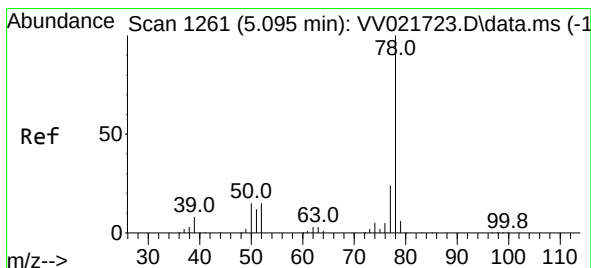
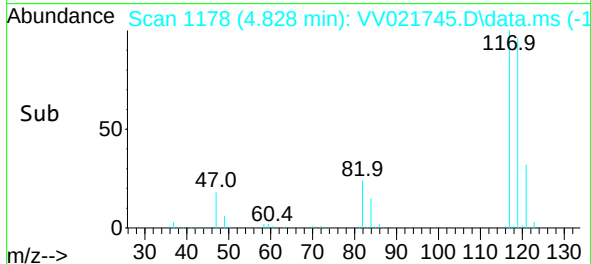
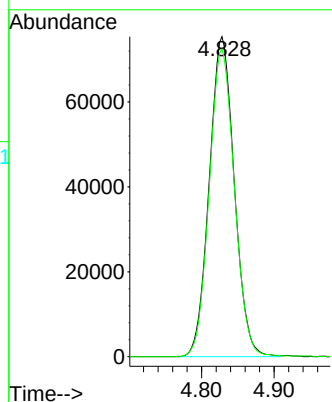
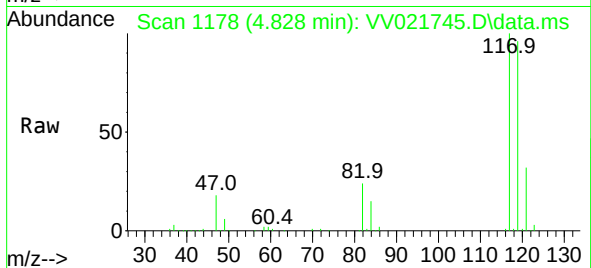




#31
Carbon tetrachloride
Concen: 49.468 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

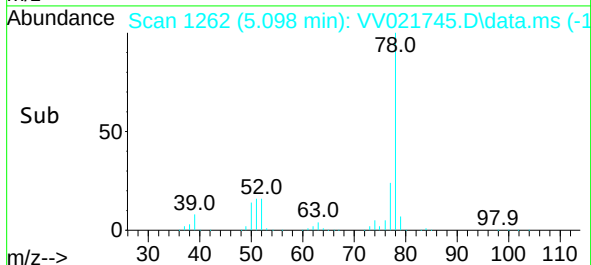
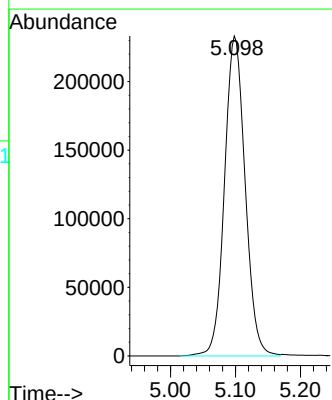
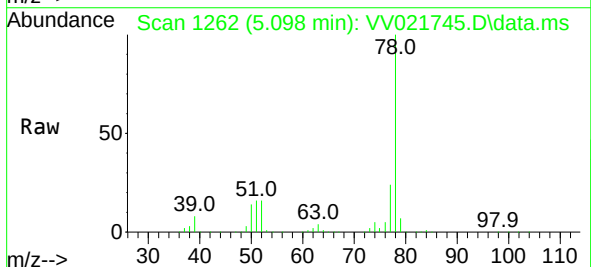
Instrument :
MSVOA_V
ClientSampled :

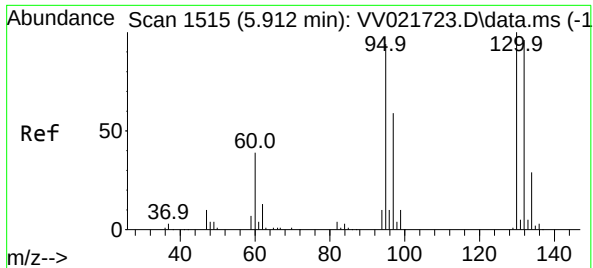
Tgt Ion:117 Resp: 180642
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5



#33
Benzene
Concen: 50.812 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 78 Resp: 513723

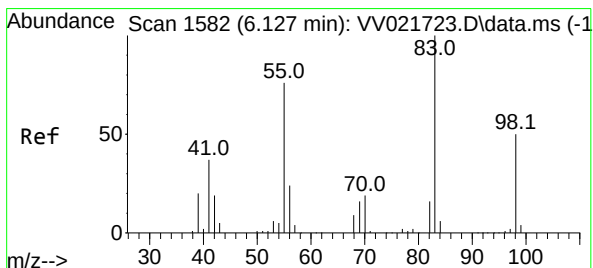
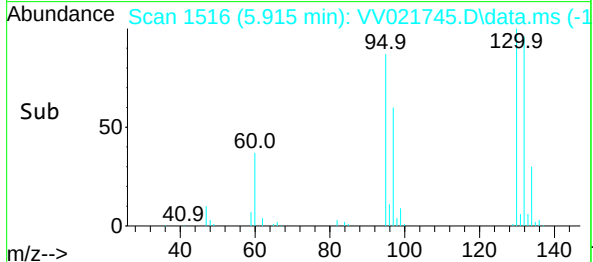
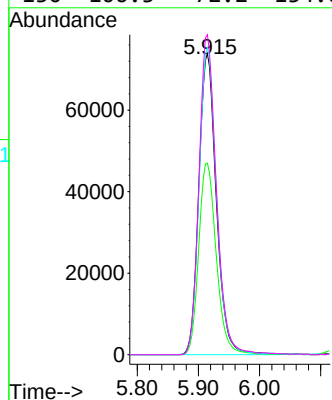
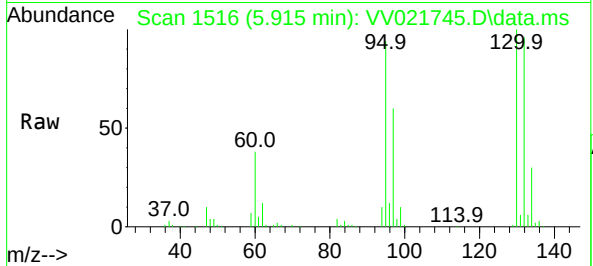




#34
Trichloroethene
Concen: 51.331 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

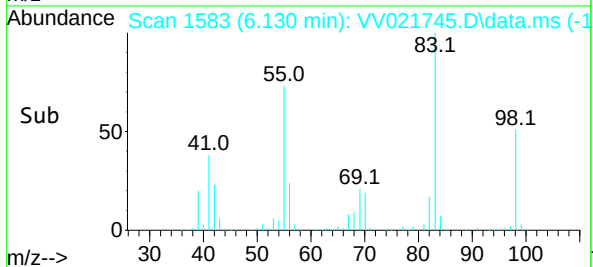
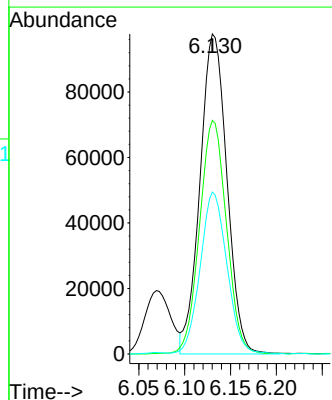
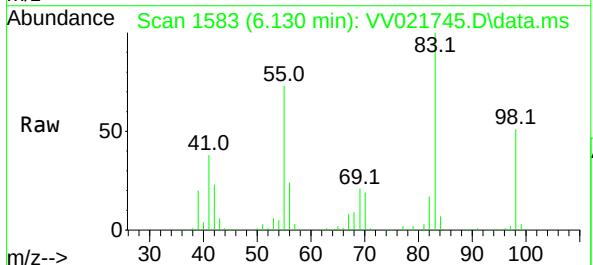
Instrument :
MSVOA_V
ClientSampled :

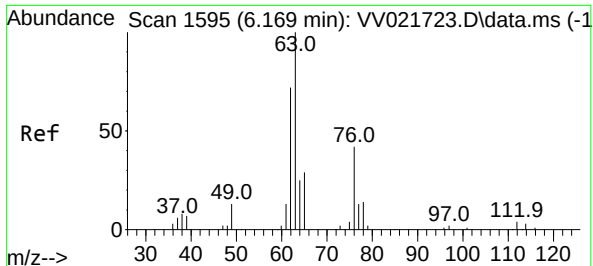
Tgt Ion: 95 Resp: 147040
Ion Ratio Lower Upper
95 100
97 63.6 43.5 80.7
132 102.0 70.6 131.2
130 106.3 72.2 134.0



#35
Methylcyclohexane
Concen: 51.124 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 83 Resp: 199656
Ion Ratio Lower Upper
83 100
55 72.9 59.1 88.7
98 50.2 40.8 61.2

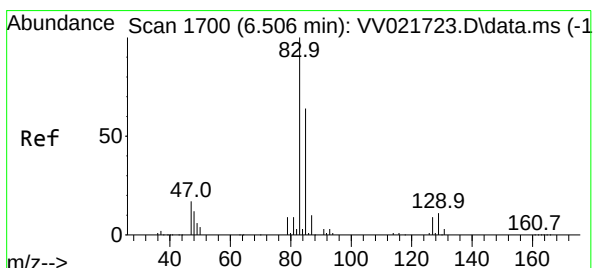
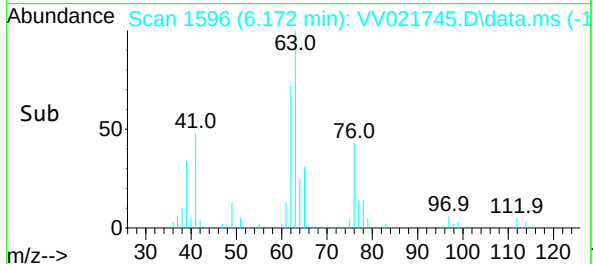
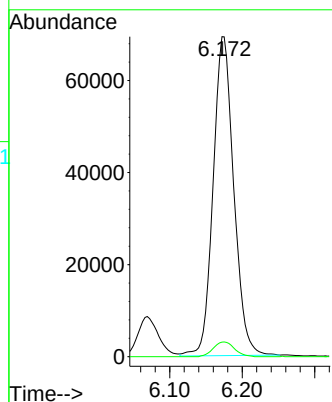
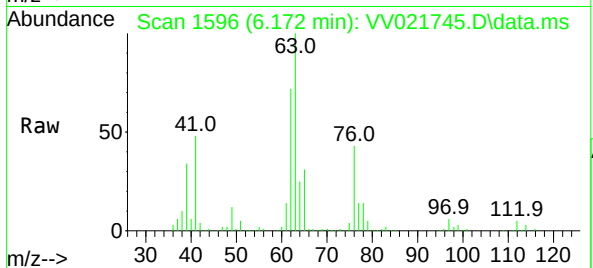




#37
1,2-Dichloropropane
Concen: 50.880 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

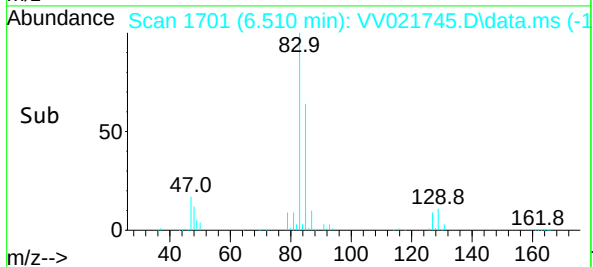
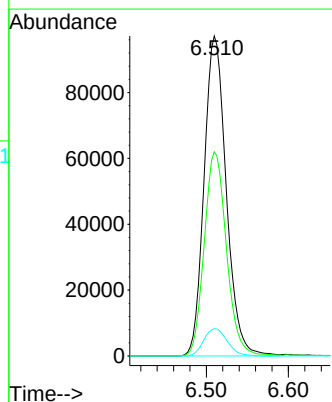
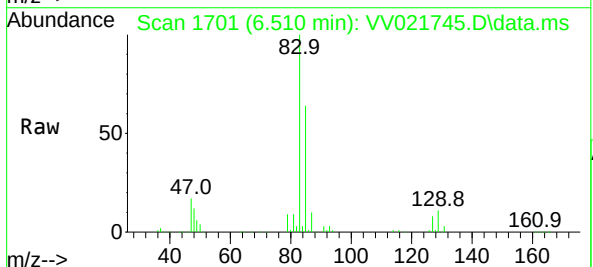
Instrument :
MSVOA_V
ClientSampleId :

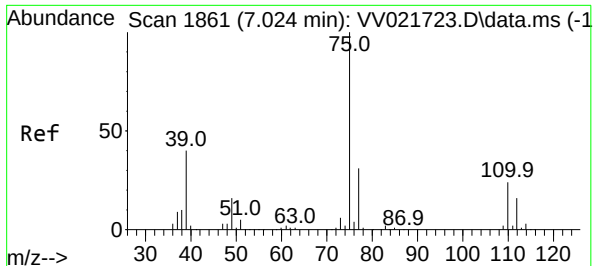
Tgt Ion: 63 Resp: 137064
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 49.589 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 83 Resp: 182406
Ion Ratio Lower Upper
83 100
85 63.8 45.8 85.2
127 8.5 7.1 10.7

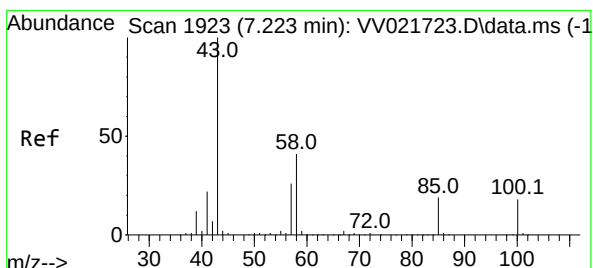
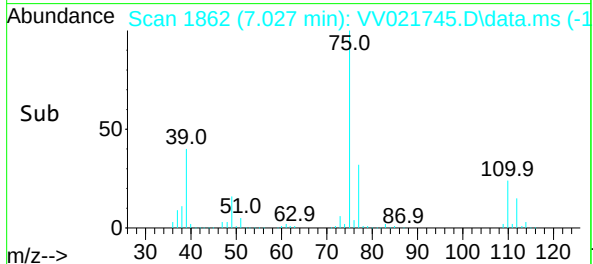
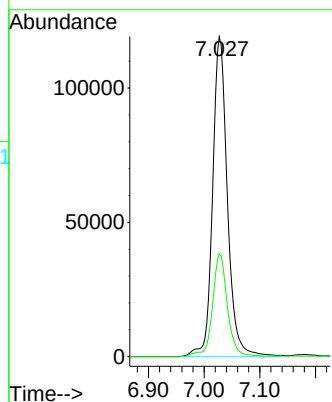
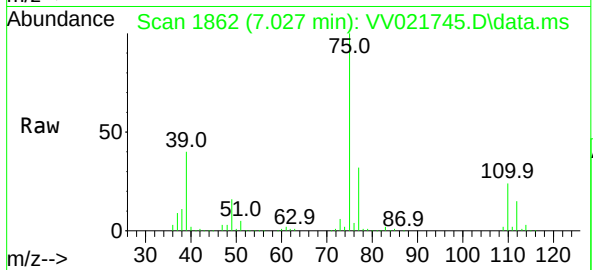




#39
 cis-1,3-Dichloropropene
 Concen: 51.643 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

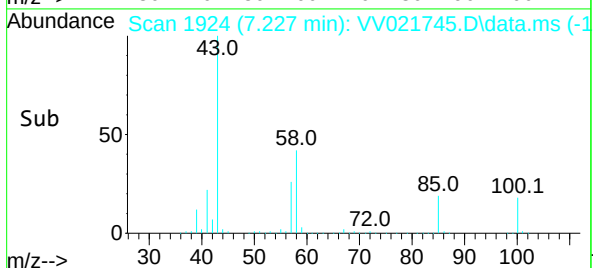
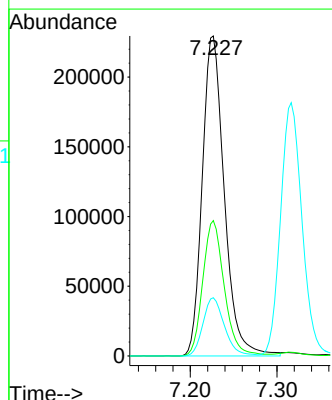
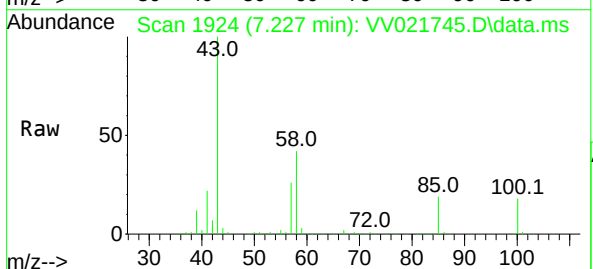
Instrument :
 MSVOA_V
 ClientSampled :

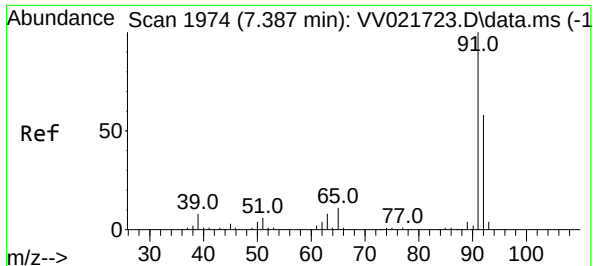
Tgt Ion: 75 Resp: 220444
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 103.327 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021745.D
 Acq: 06 Aug 2021 10:03

Tgt Ion: 43 Resp: 405502
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.9 49.3
 100 17.7 13.8 20.8





#42

Toluene

Concen: 51.205 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV021745.D

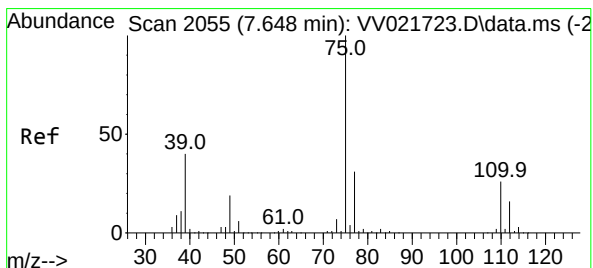
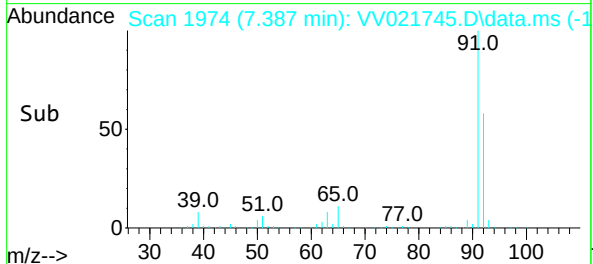
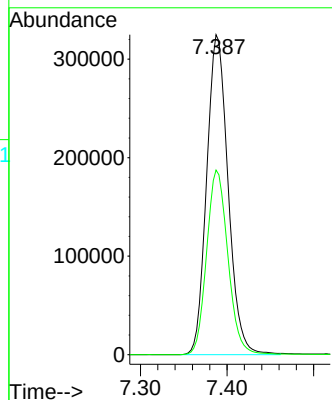
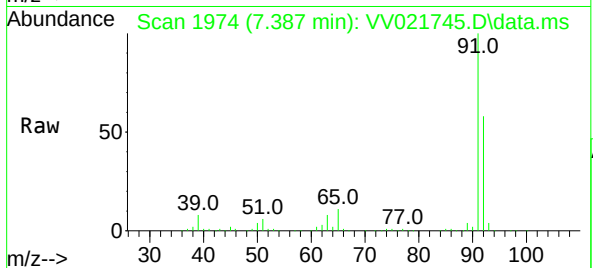
Acq: 06 Aug 2021 10:03

Tgt Ion: 91 Resp: 558178

Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 50.273 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021745.D

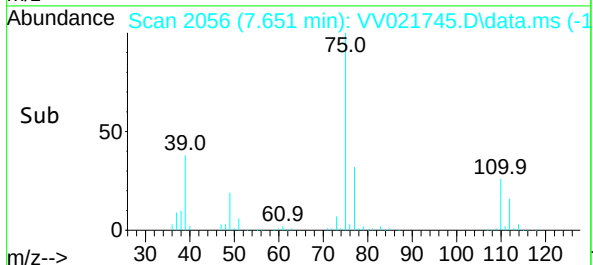
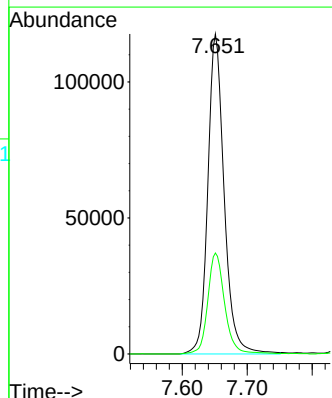
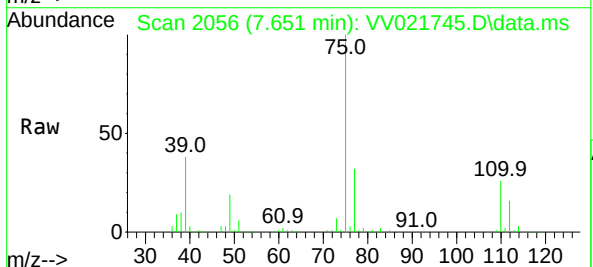
Acq: 06 Aug 2021 10:03

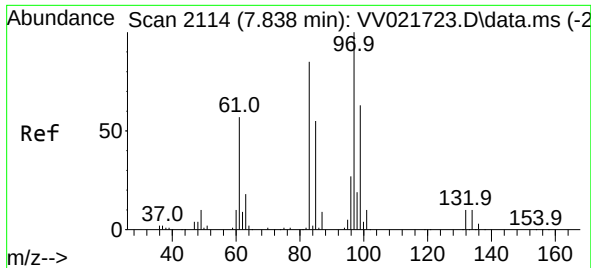
Tgt Ion: 75 Resp: 205707

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 51.344 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion: 97 Resp: 140856

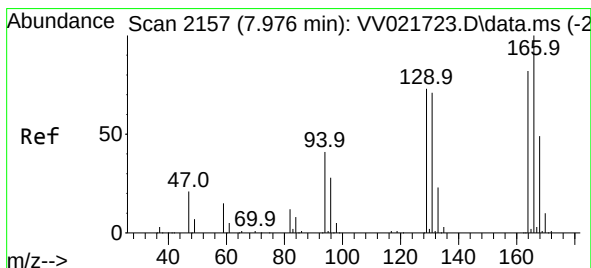
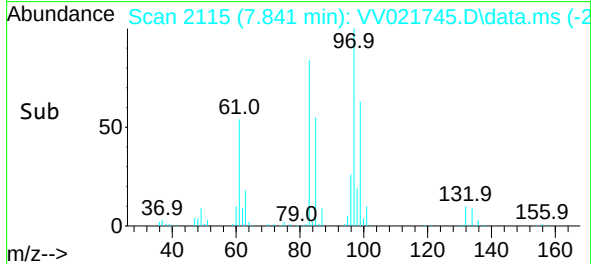
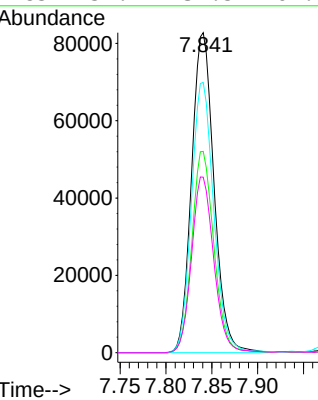
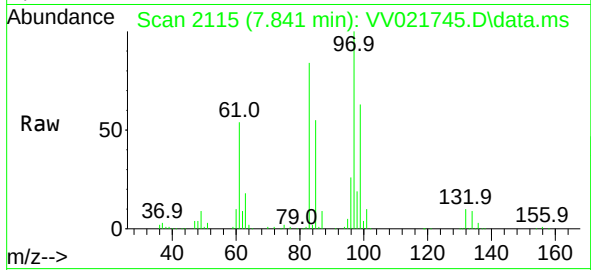
Ion Ratio Lower Upper

97 100

99 62.9 43.8 81.3

83 84.5 59.3 110.1

85 54.9 37.5 69.6



#46

Tetrachloroethene

Concen: 51.344 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion: 164 Resp: 108692

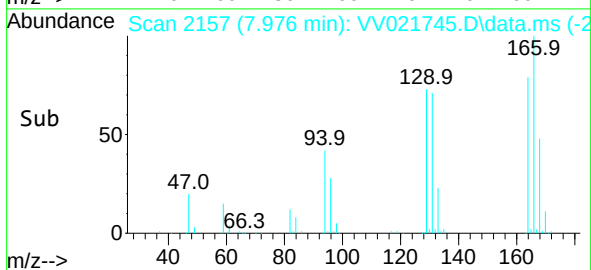
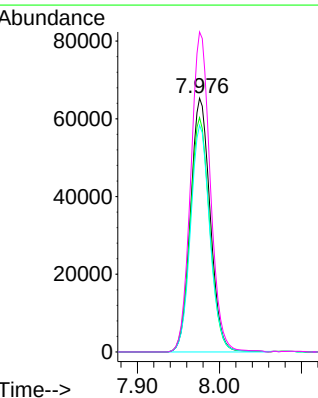
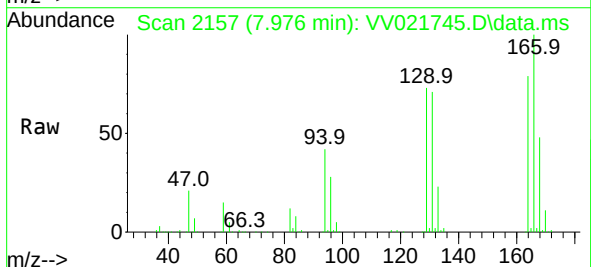
Ion Ratio Lower Upper

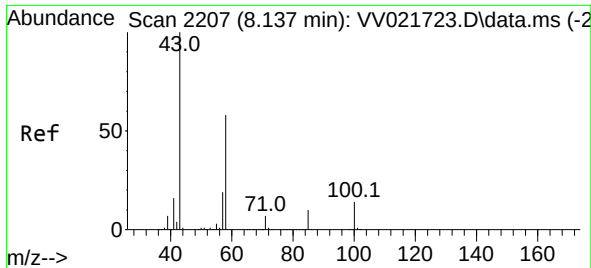
164 100

129 92.4 64.3 119.5

131 89.4 65.2 121.0

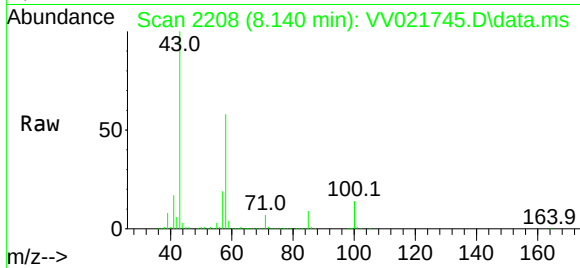
166 126.1 91.4 169.8





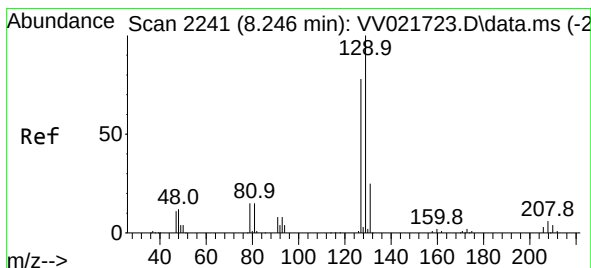
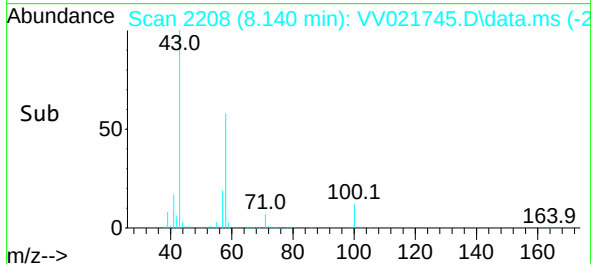
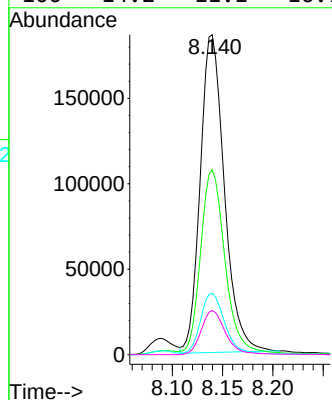
#48
2-Hexanone
Concen: 103.234 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 310518

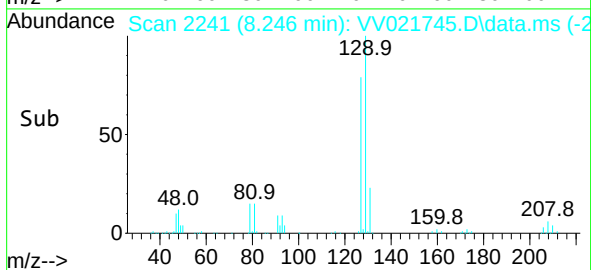
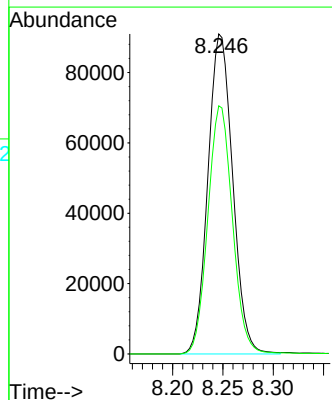
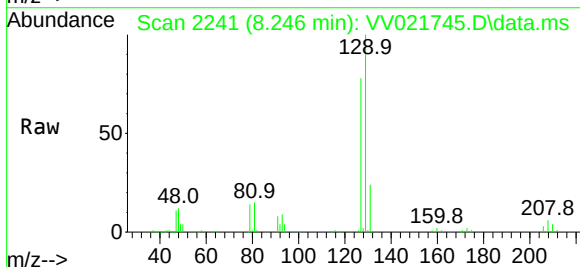
Ion	Ratio	Lower	Upper
43	100		
58	58.4	46.0	69.0
57	19.3	15.0	22.4
100	14.2	11.1	16.7

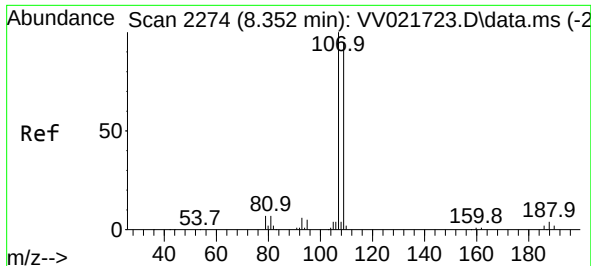


#49
Dibromochloromethane
Concen: 49.869 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 129 Resp: 155820

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.0	100.2





#50

1,2-Dibromoethane

Concen: 50.835 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

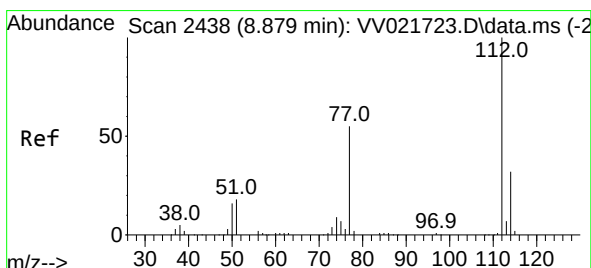
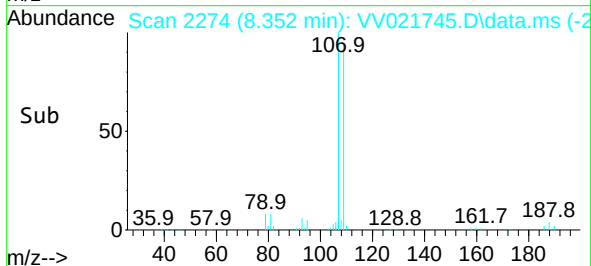
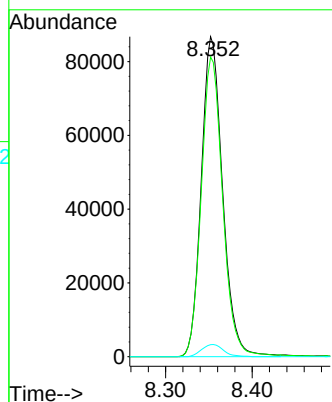
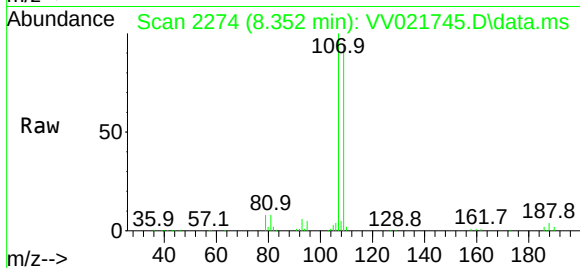
Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 148177

Ion	Ratio	Lower	Upper
107	100		
109	93.7	66.2	123.0
188	3.9	3.1	4.7



#51

Chlorobenzene

Concen: 50.284 ug/L

RT: 8.882 min Scan# 2439

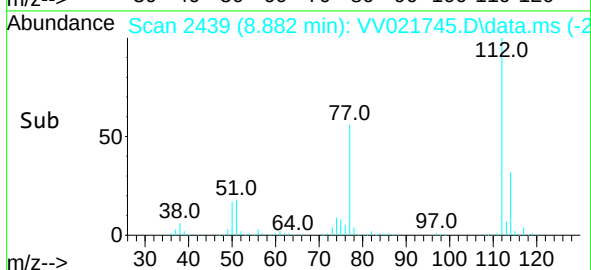
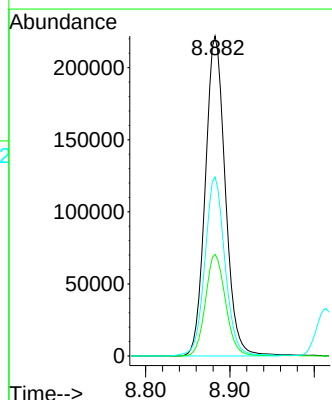
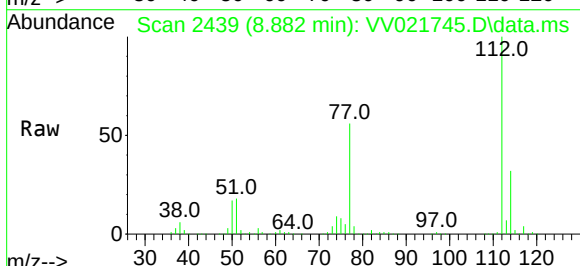
Delta R.T. 0.003 min

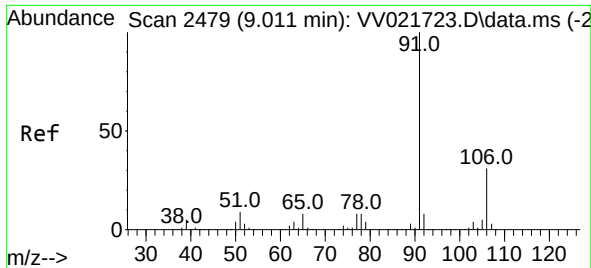
Lab File: VV021745.D

Acq: 06 Aug 2021 10:03

Tgt Ion:112 Resp: 366255

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.6	42.0
77	56.0	45.0	67.4

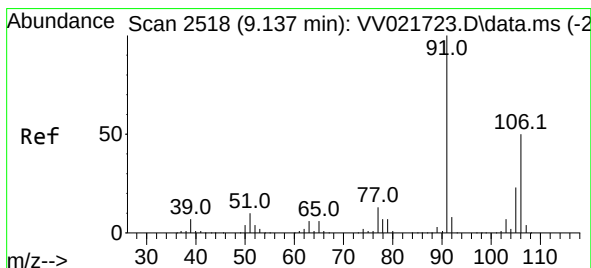
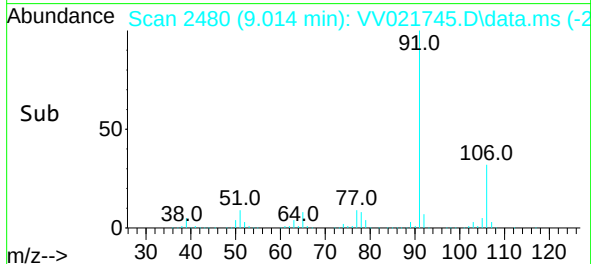
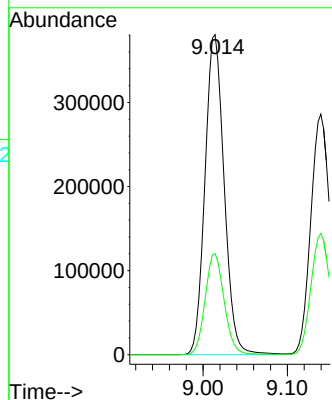
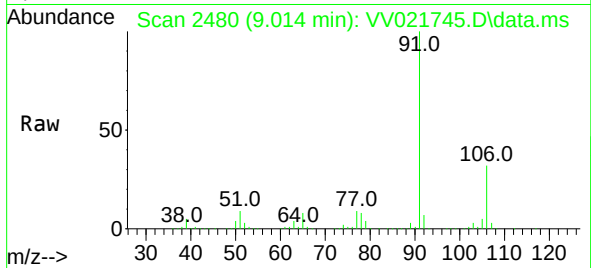




#52
Ethylbenzene
Concen: 50.947 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

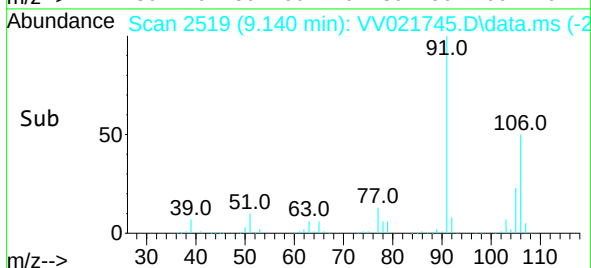
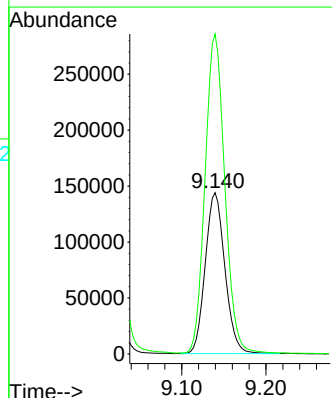
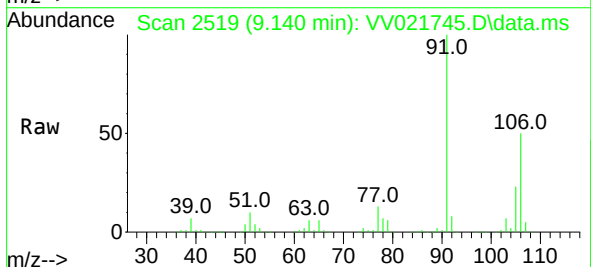
Instrument :
MSVOA_V
ClientSampled :

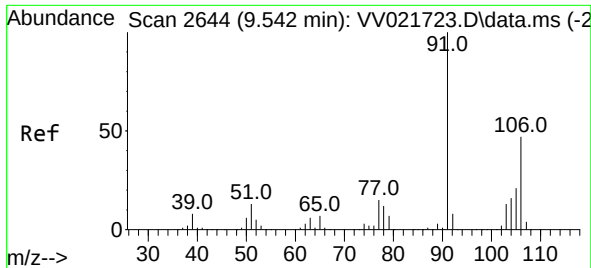
Tgt Ion: 91 Resp: 602984
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 50.969 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 106 Resp: 234142
Ion Ratio Lower Upper
106 100
91 198.5 138.9 258.1

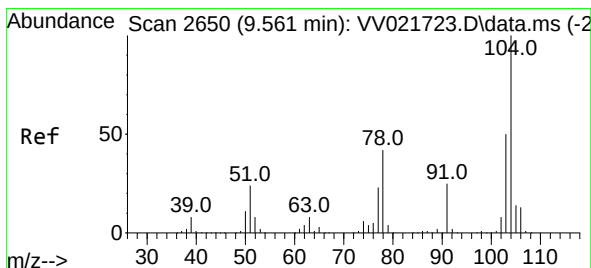
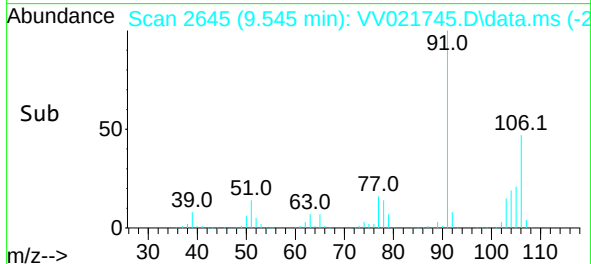
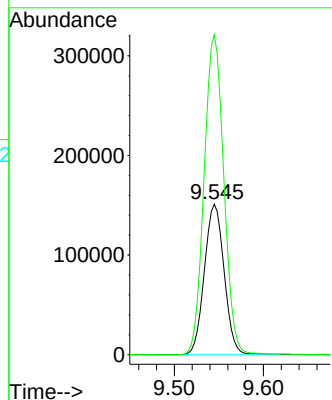
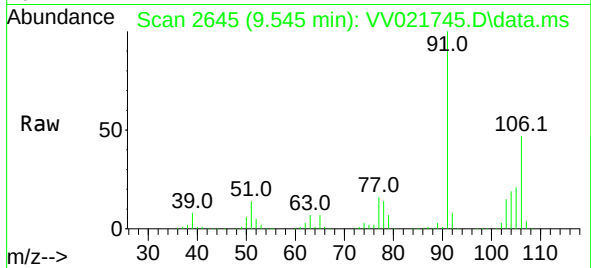




#54
o-Xylene
Concen: 50.282 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

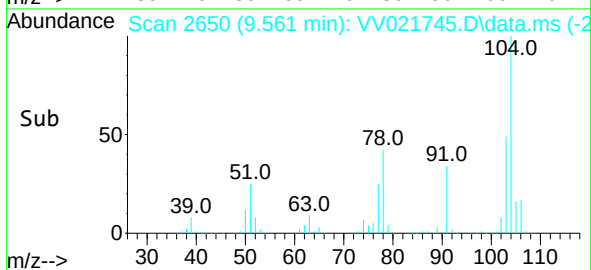
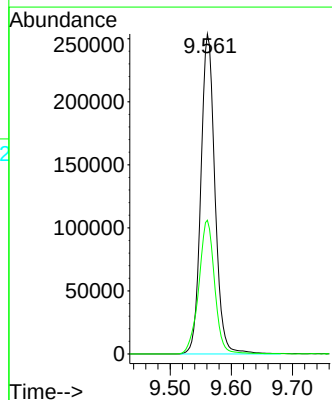
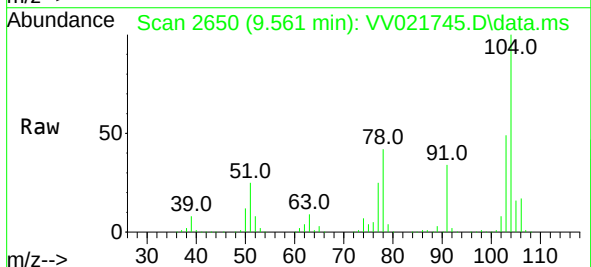
Instrument :
MSVOA_V
ClientSampled :

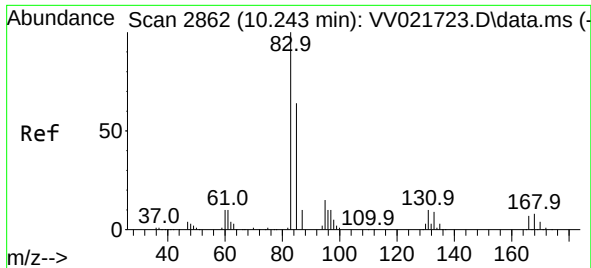
Tgt Ion:106 Resp: 232436
Ion Ratio Lower Upper
106 100
91 212.8 147.4 273.8



#55
Styrene
Concen: 52.466 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:104 Resp: 406347
Ion Ratio Lower Upper
104 100
78 41.8 30.0 55.8

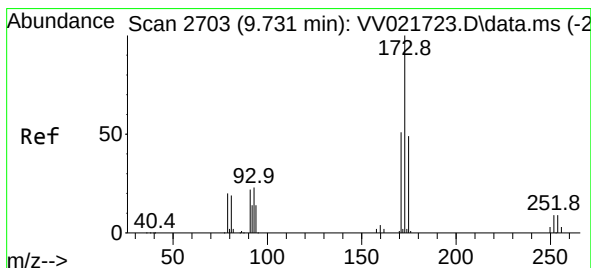
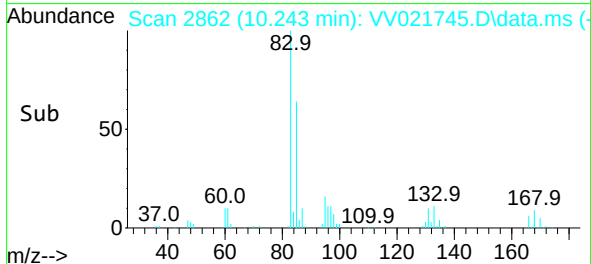
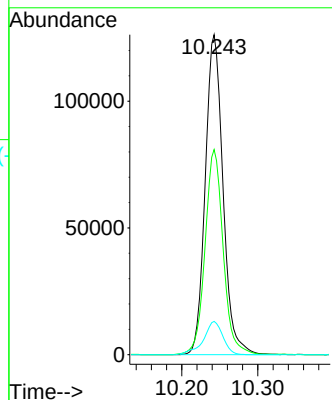
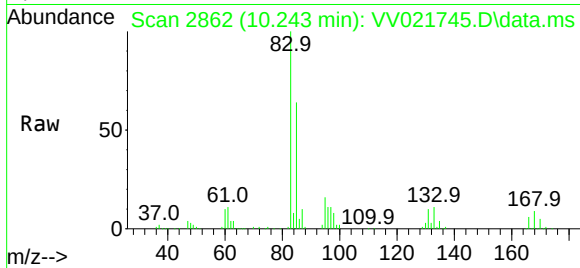




#57
1,1,2,2-Tetrachloroethane
Concen: 50.129 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

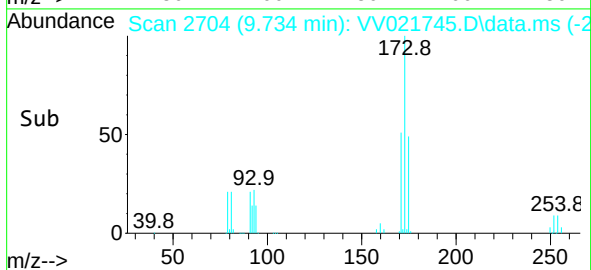
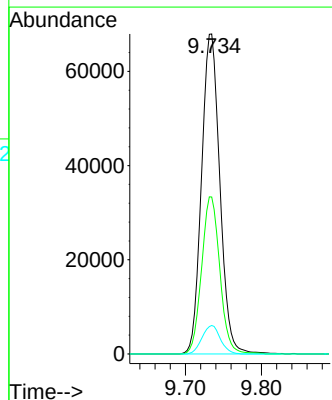
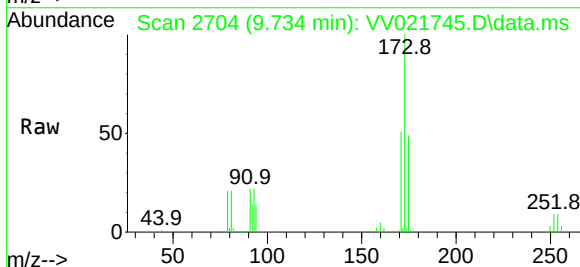
Instrument :
MSVOA_V
ClientSampled :

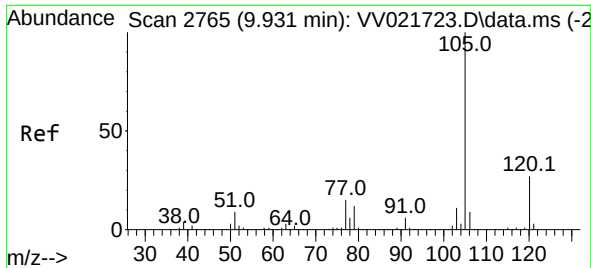
Tgt Ion: 83 Resp: 205272
Ion Ratio Lower Upper
83 100
85 64.1 46.0 85.4
131 10.4 8.1 12.1



#59
Bromoform
Concen: 49.552 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 173 Resp: 113783
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 8.9 7.2 10.8

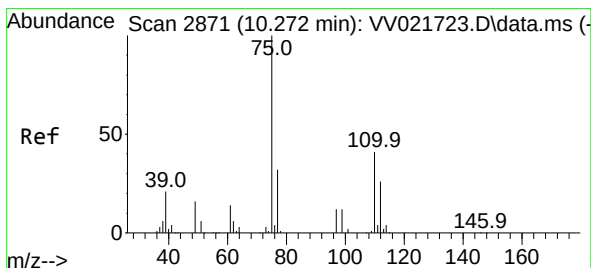
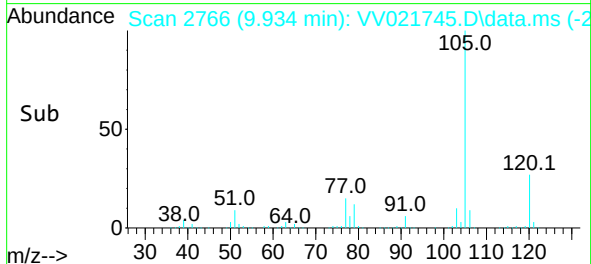
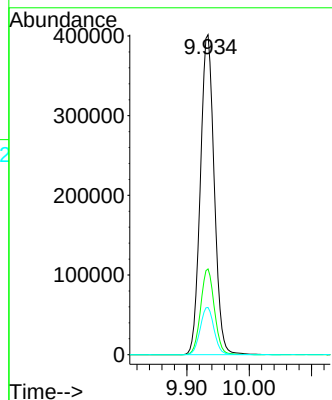
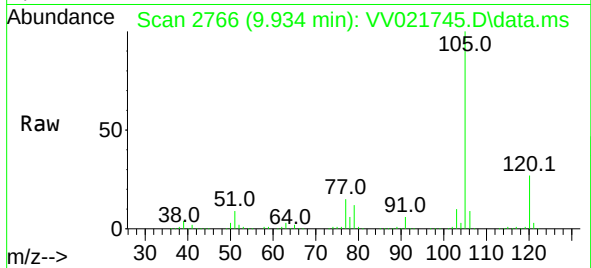




#60
Isopropylbenzene
Concen: 50.524 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

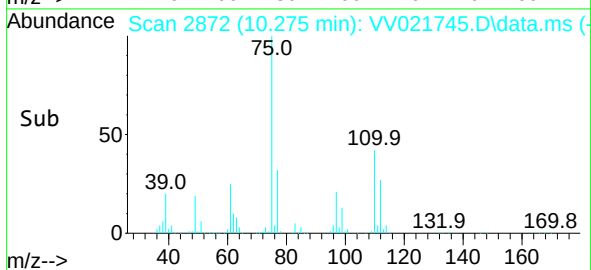
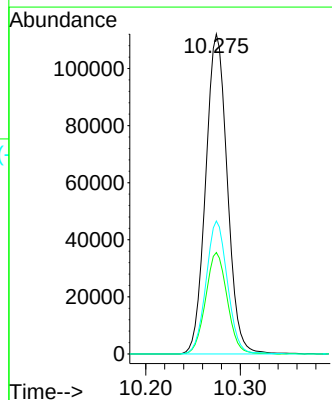
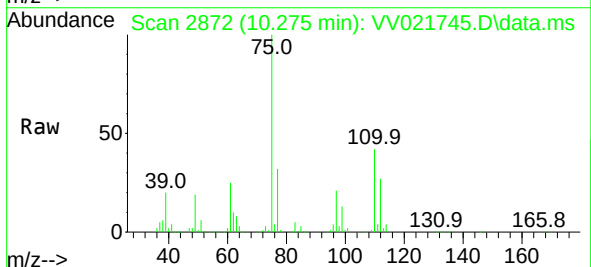
Instrument :
MSVOA_V
ClientSampleId :

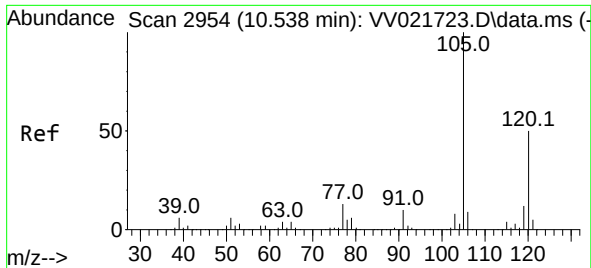
Tgt Ion:105	Resp: 619737
Ion Ratio	Lower Upper
105 100	
120 26.7	21.5 32.3
77 14.8	11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.417 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 75	Resp: 177923
Ion Ratio	Lower Upper
75 100	
77 31.7	25.7 38.5
110 41.2	33.8 50.6

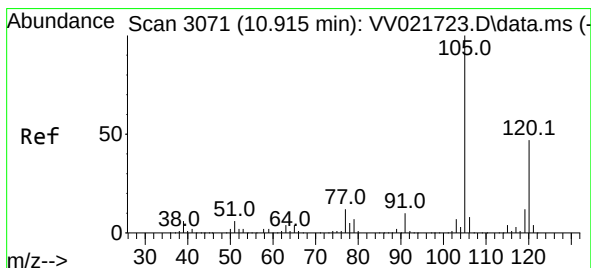
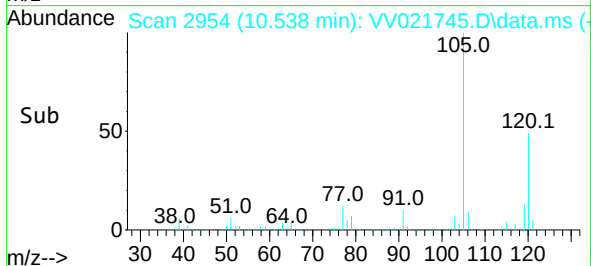
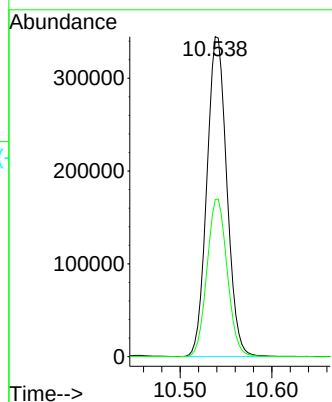
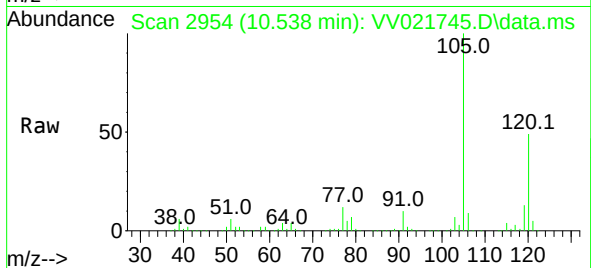




#62
1,3,5-Trimethylbenzene
Concen: 50.233 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

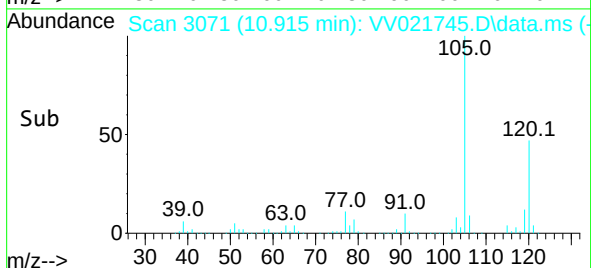
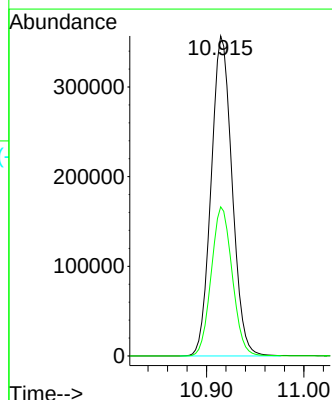
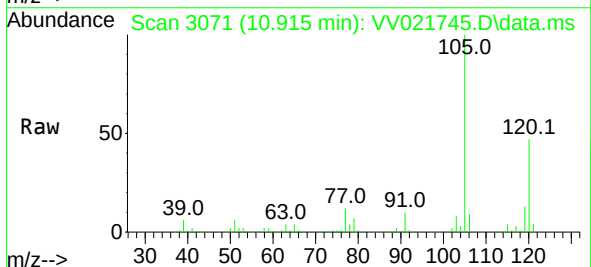
Instrument :
MSVOA_V
ClientSampled :

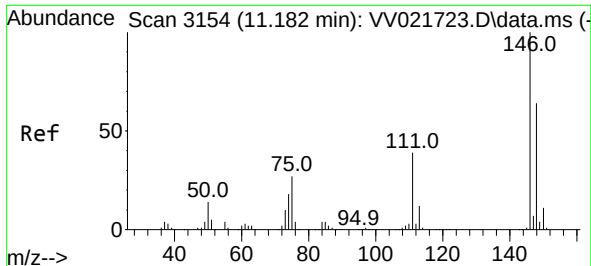
Tgt Ion:105 Resp: 521700
Ion Ratio Lower Upper
105 100
120 50.0 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 50.349 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:105 Resp: 532170
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.6

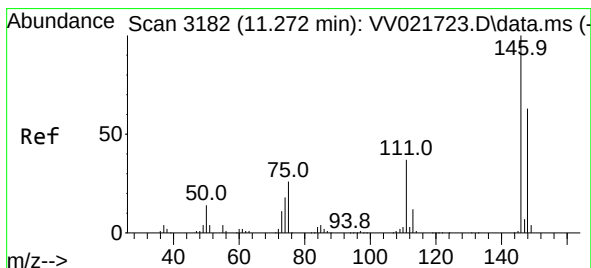
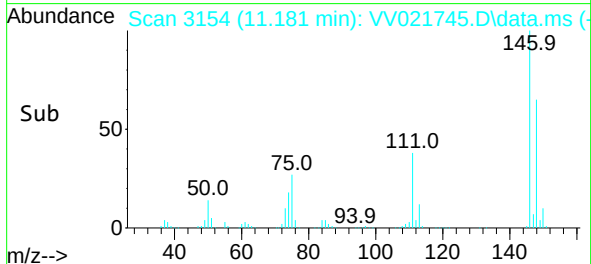
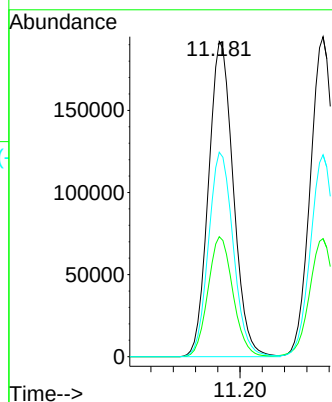
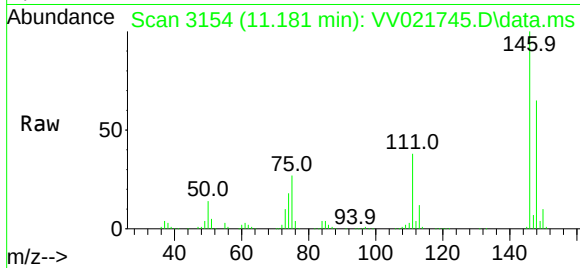




#64
1,3-Dichlorobenzene
Concen: 50.272 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

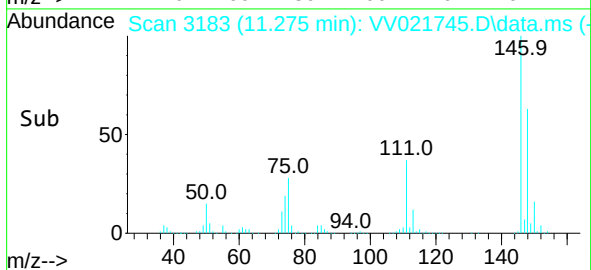
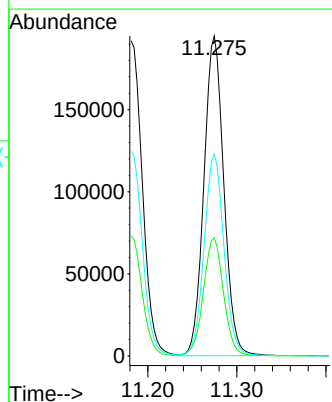
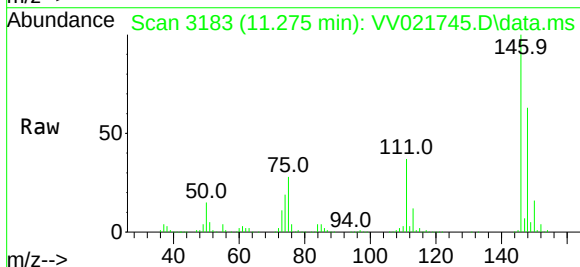
Instrument :
MSVOA_V
ClientSampleId :

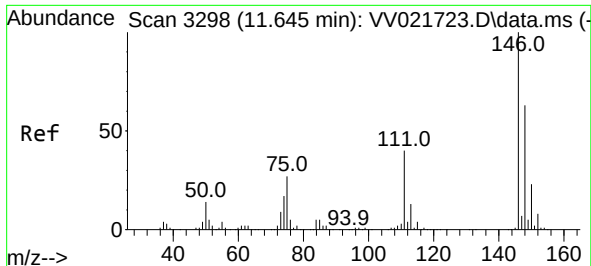
Tgt Ion:146 Resp: 297140
Ion Ratio Lower Upper
146 100
111 38.1 27.3 50.7
148 64.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.641 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:146 Resp: 301206
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.4
148 63.1 44.7 82.9

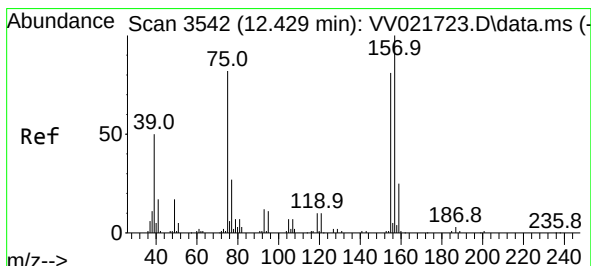
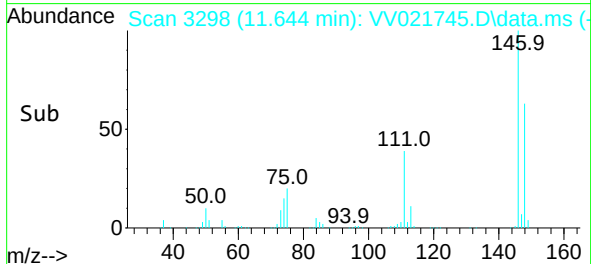
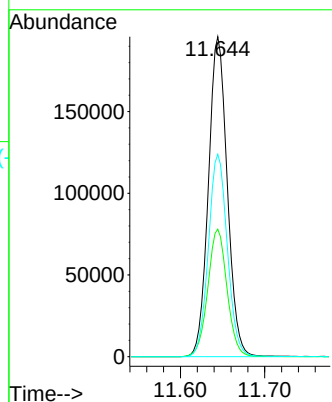
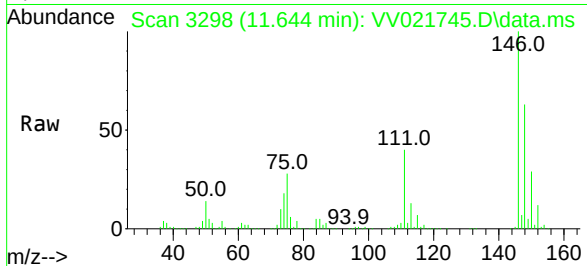




#67
1,2-Dichlorobenzene
Concen: 50.539 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

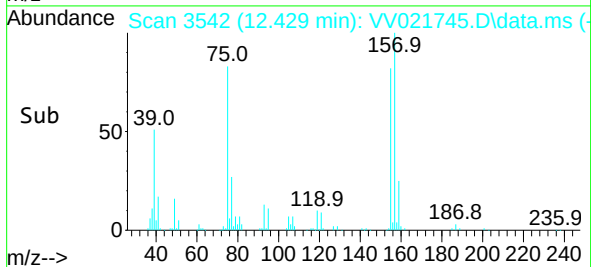
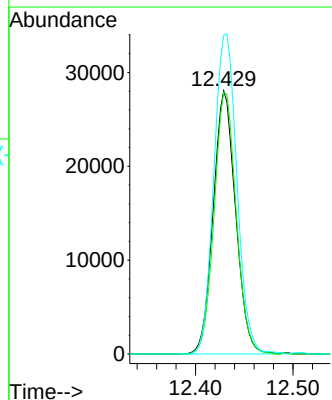
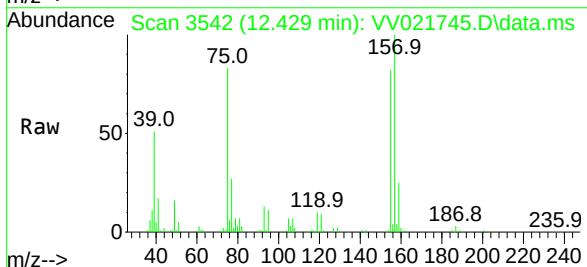
Instrument :
MSVOA_V
ClientSampleId :

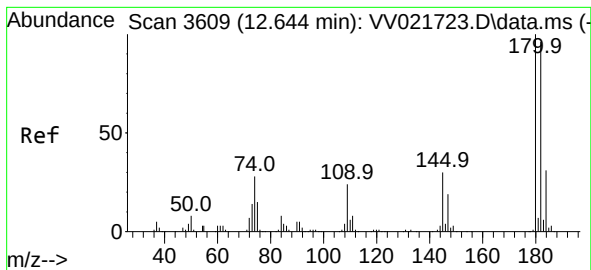
Tgt Ion:146 Resp: 305139
Ion Ratio Lower Upper
146 100
111 39.9 32.5 48.7
148 63.3 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 48.128 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion: 75 Resp: 44712
Ion Ratio Lower Upper
75 100
155 99.4 77.7 116.5
157 121.0 102.6 154.0

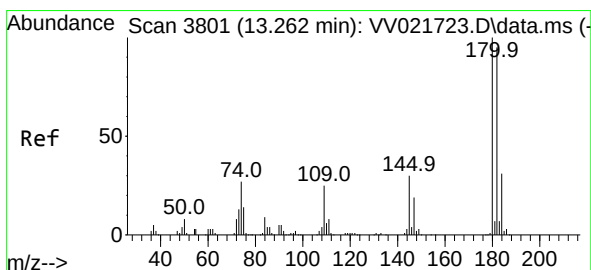
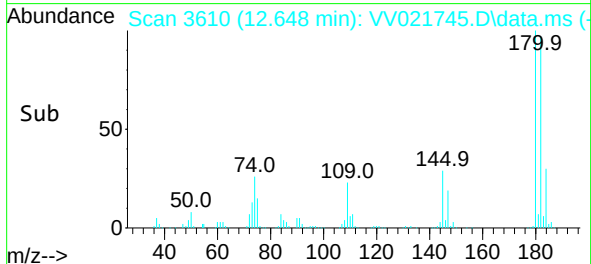
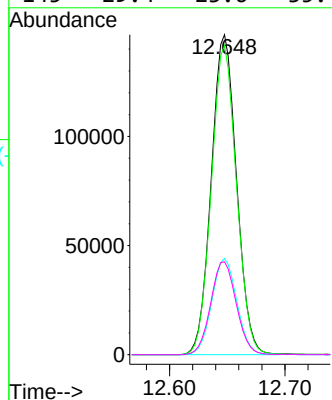
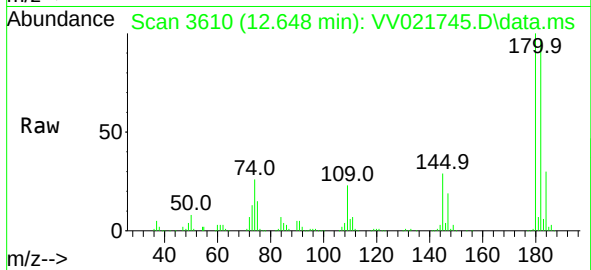




#69
1,3,5-Trichlorobenzene
Concen: 50.565 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

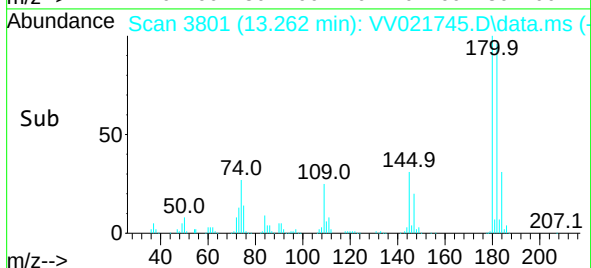
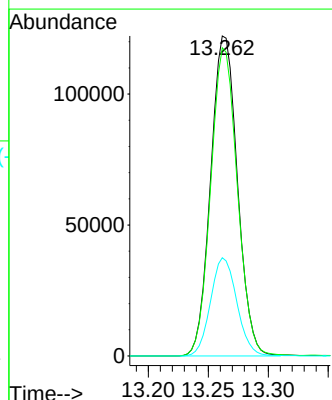
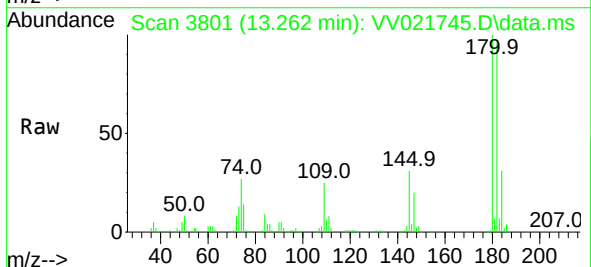
Instrument :
MSVOA_V
ClientSampled :

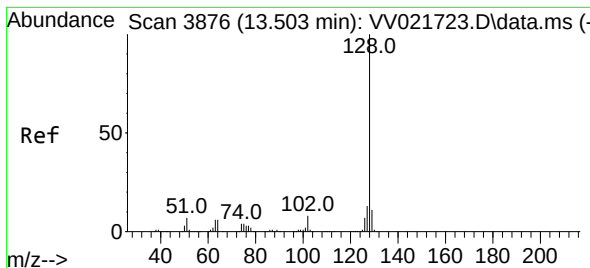
Tgt Ion:180 Resp: 222403
Ion Ratio Lower Upper
180 100
182 96.2 77.1 115.7
184 29.9 24.6 36.8
145 29.4 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 51.105 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:180 Resp: 189503
Ion Ratio Lower Upper
180 100
182 96.0 76.3 114.5
145 30.2 24.1 36.1

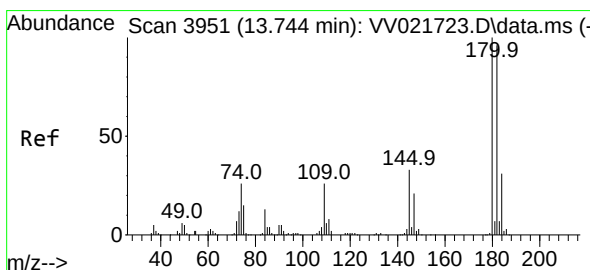
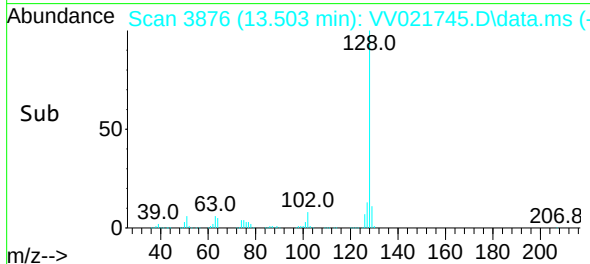
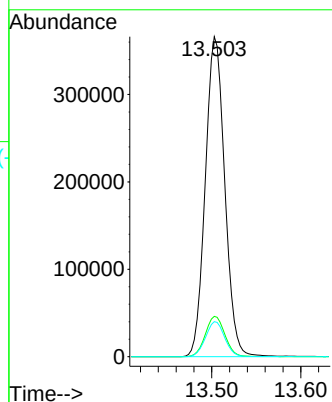
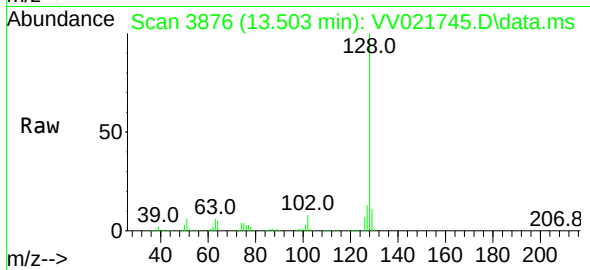




#71
Naphthalene
Concen: 51.595 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 553871
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 52.017 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021745.D
Acq: 06 Aug 2021 10:03

Tgt Ion:180 Resp: 191657
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 31.9 25.5 38.3

