

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071321\
 Data File : VW021645.D
 Acq On : 13 Jul 2021 15:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 03:34:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 14 03:32:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	496298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	462138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	249702	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155864	49.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.280%
7) Chloroethane-d5	1.558	69	121521	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.700%
11) 1,1-Dichloroethene-d2	2.105	63	269356	46.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.760%
21) 2-Butanone-d5	3.870	46	256864	95.781	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.349	84	310222	47.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	5.031	65	185860	48.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
32) Benzene-d6	5.050	84	627153	48.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	6.069	67	195090	47.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	7.317	98	581988	48.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	97406	47.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	8.085	63	188015	99.040	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	277806	50.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	238605	47.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	181761	42.343	ug/L	100
3) Chloromethane	1.240	50	183213	44.334	ug/L	99
5) Vinyl chloride	1.310	62	178525	43.636	ug/L	99
6) Bromomethane	1.507	94	108891	45.673	ug/L	100
8) Chloroethane	1.577	64	105985	45.059	ug/L	98
9) Trichlorofluoromethane	1.748	101	244407	47.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137832	46.728	ug/L	98
12) 1,1-Dichloroethene	2.114	96	127797	45.089	ug/L	98
13) Acetone	2.156	43	143660	64.797	ug/L #	100
14) Carbon disulfide	2.291	76	408307	40.860	ug/L	100
15) Methyl Acetate	2.423	43	181040	43.943	ug/L	100
16) Methylene chloride	2.503	84	174670	45.396	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	155211	44.886	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	508464	45.401	ug/L	100
19) 1,1-Dichloroethane	3.188	63	286173	45.433	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	173711	45.177	ug/L	97
22) 2-Butanone	3.953	43	249935	81.628	ug/L	98
23) Bromochloromethane	4.246	128	90225	44.456	ug/L	98
25) Chloroform	4.375	83	291606	45.410	ug/L	97

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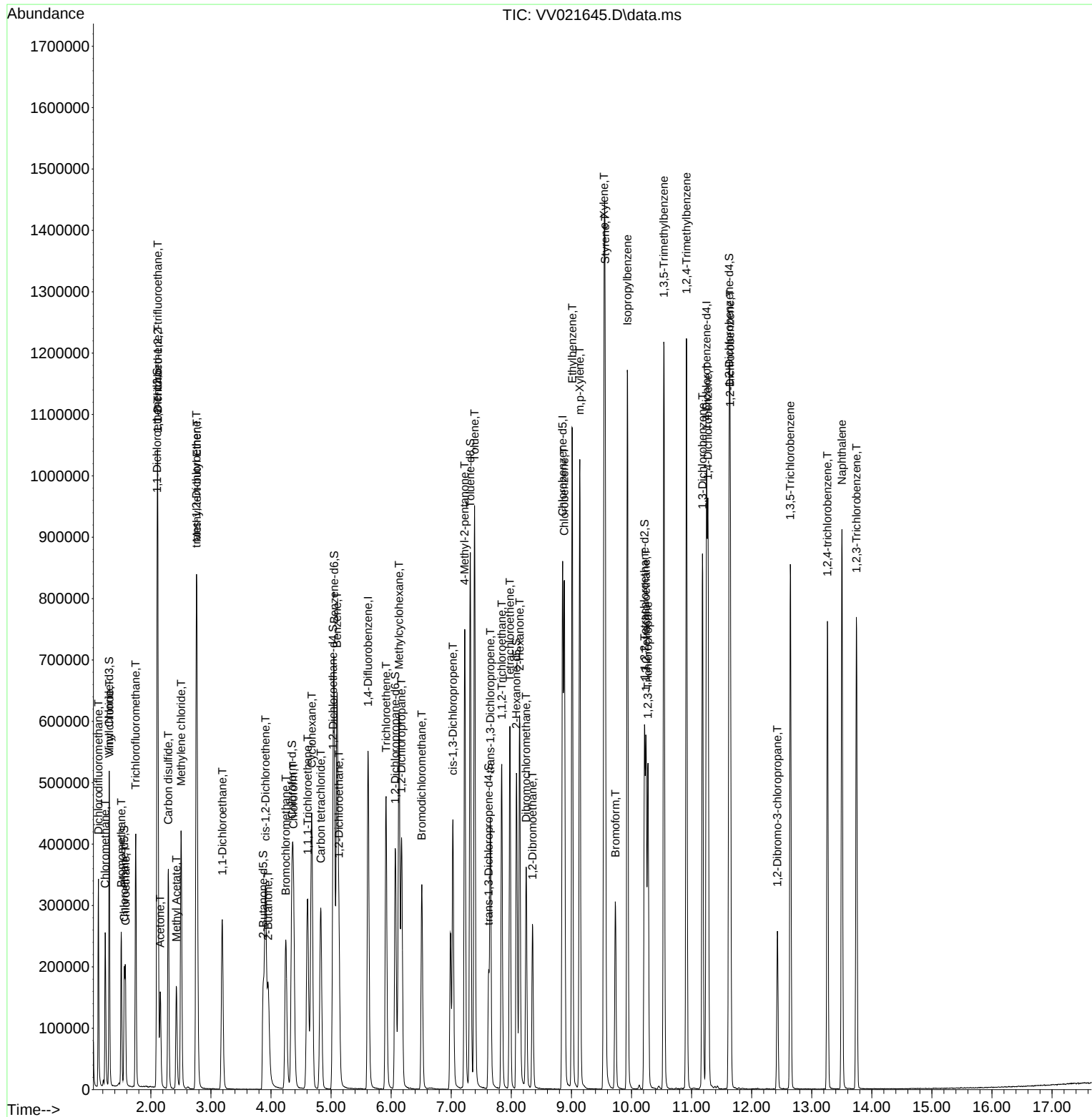
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216498	46.352	ug/L	99
29) Cyclohexane	4.677	56	261818	44.867	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	262092	45.110	ug/L	99
31) Carbon tetrachloride	4.828	117	227734	44.507	ug/L	100
33) Benzene	5.098	78	645977	45.930	ug/L	100
34) Trichloroethene	5.915	95	168982	44.449	ug/L	98
35) Methylcyclohexane	6.130	83	270248	44.775	ug/L	99
37) 1,2-Dichloropropane	6.172	63	167476	45.813	ug/L	100
38) Bromodichloromethane	6.510	83	223408	45.221	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	270931	44.943	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	491195	91.534	ug/L	100
42) Toluene	7.387	91	696104	46.209	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	254523	45.211	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	167314	46.589	ug/L	99
46) Tetrachloroethene	7.976	164	134536	44.495	ug/L	98
48) 2-Hexanone	8.137	43	366451	86.394	ug/L	100
49) Dibromochloromethane	8.246	129	185455	44.840	ug/L	98
50) 1,2-Dibromoethane	8.352	107	176809	44.902	ug/L	98
51) Chlorobenzene	8.882	112	452115	46.119	ug/L	98
52) Ethylbenzene	9.014	91	760208	46.451	ug/L	100
53) m,p-Xylene	9.140	106	293711	46.765	ug/L	98
54) o-Xylene	9.545	106	294092	46.935	ug/L	98
55) Styrene	9.561	104	500832	47.302	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	273789	48.906	ug/L	99
59) Bromoform	9.731	173	138627	43.194	ug/L	100
60) Isopropylbenzene	9.931	105	773812	45.434	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	213435	44.217	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	655363	45.150	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	661646	45.043	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361642	45.155	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	362205	45.248	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	363183	45.250	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	60717	42.430	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	266806	44.579	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	230087	44.701	ug/L	99
71) Naphthalene	13.503	128	717235	45.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233173	45.866	ug/L	99

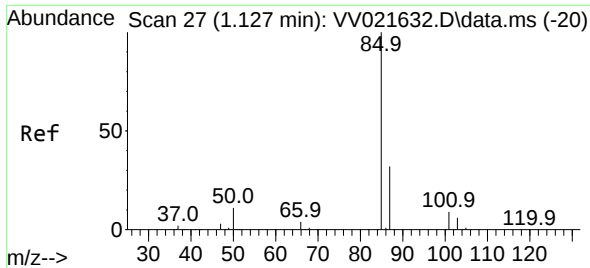
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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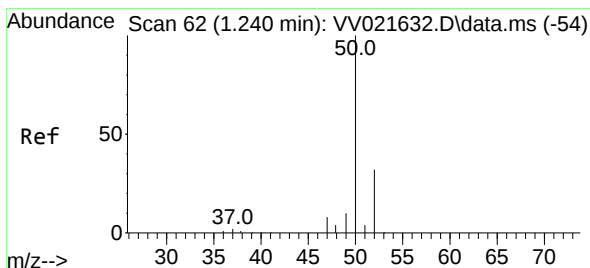
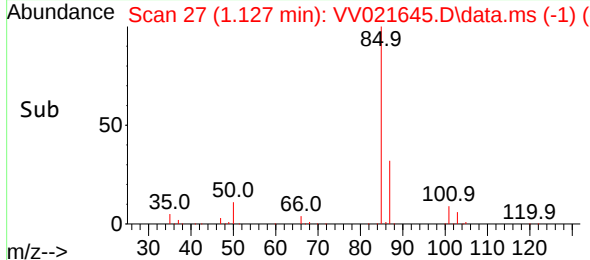
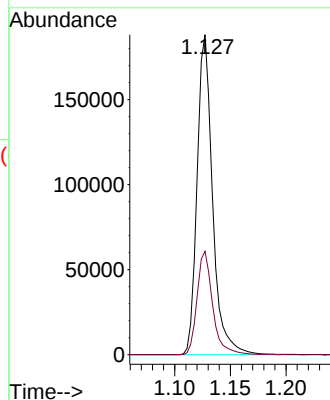
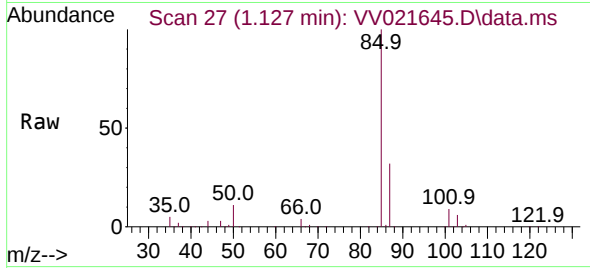




#2
 Dichlorodifluoromethane
 Concen: 42.343 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

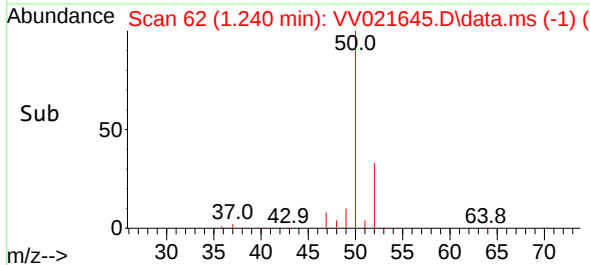
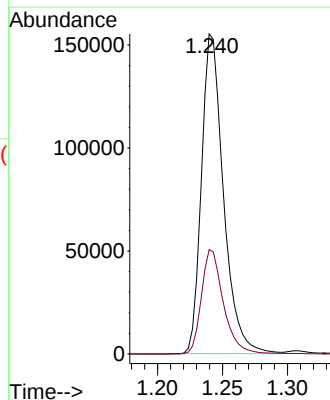
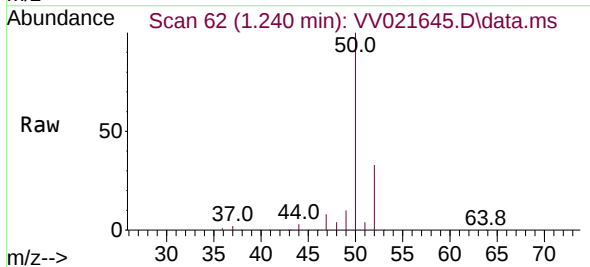
Instrument :
 MSVOA_V
 ClientSampled :

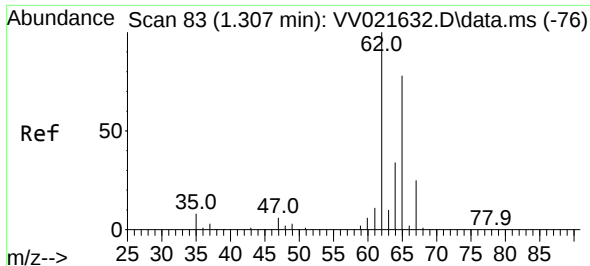
Tgt Ion: 85 Resp: 181761
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 44.334 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

Tgt Ion: 50 Resp: 183213
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.3 41.5

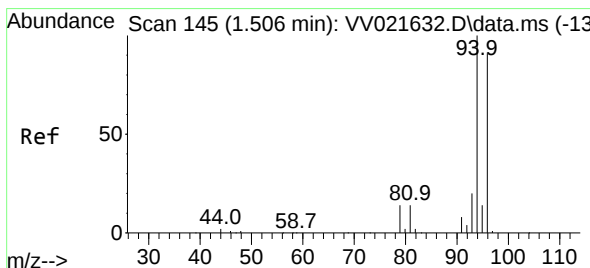
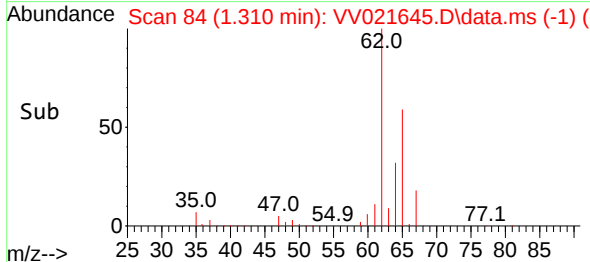
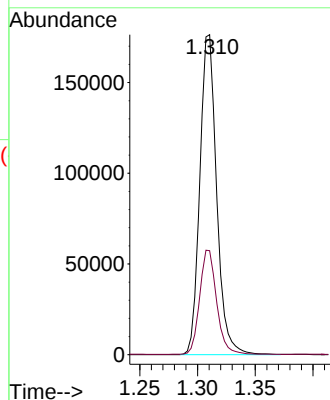
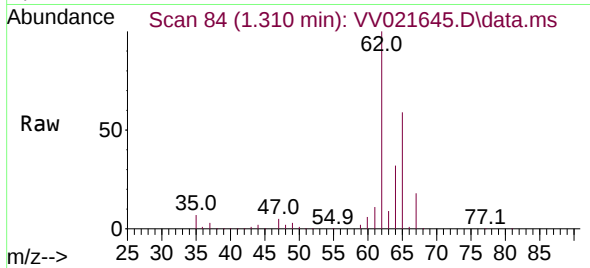




#5
 Vinyl chloride
 Concen: 43.636 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

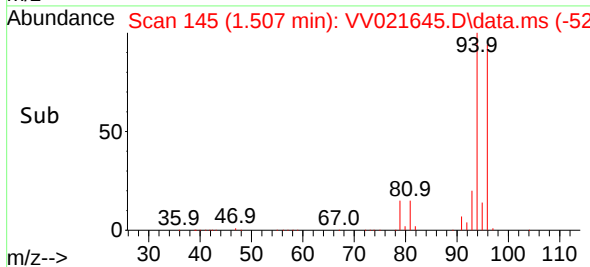
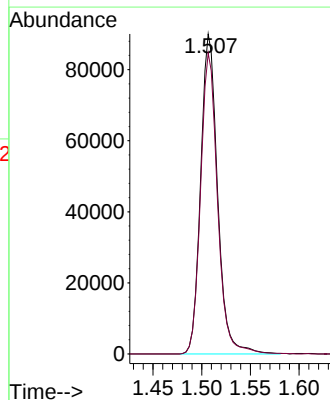
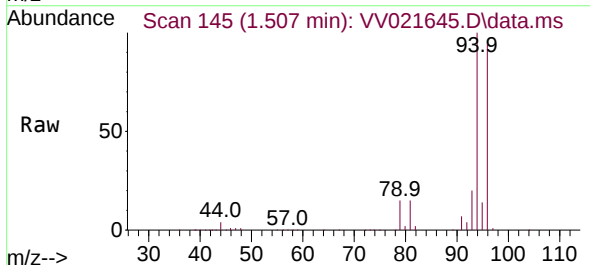
Instrument :
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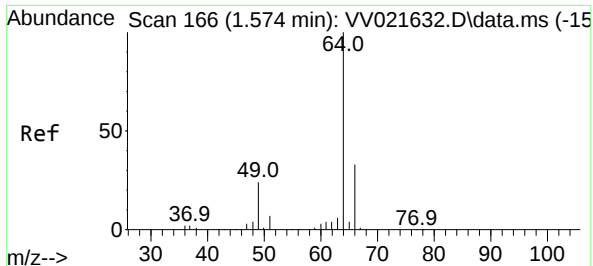
Tgt Ion: 62 Resp: 178525
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.3 43.3



#6
 Bromomethane
 Concen: 45.673 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

Tgt Ion: 94 Resp: 108891
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.5 121.7

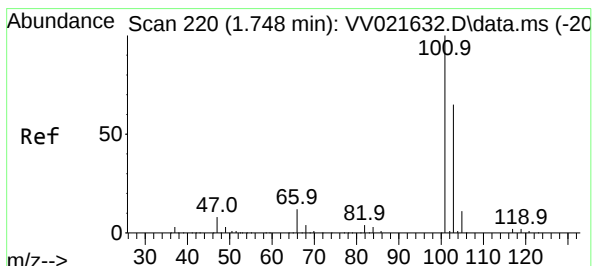
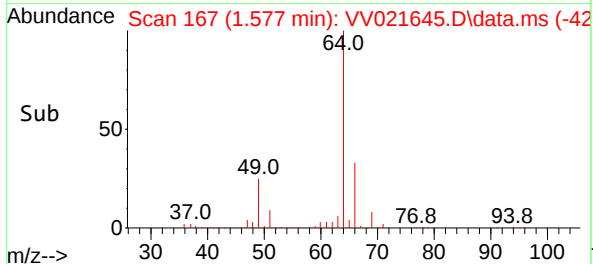
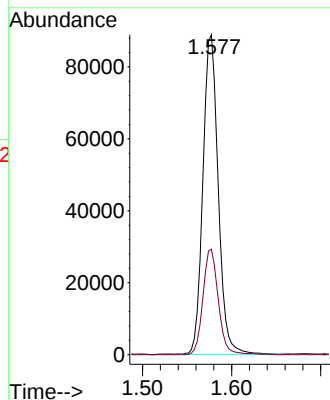
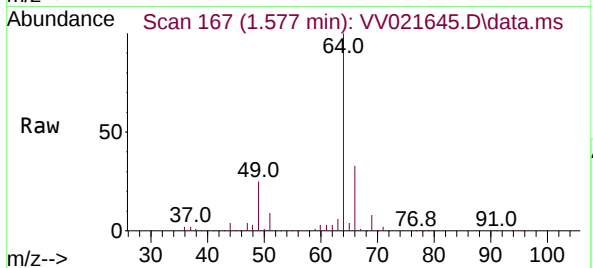




#8
Chloroethane
Concen: 45.059 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

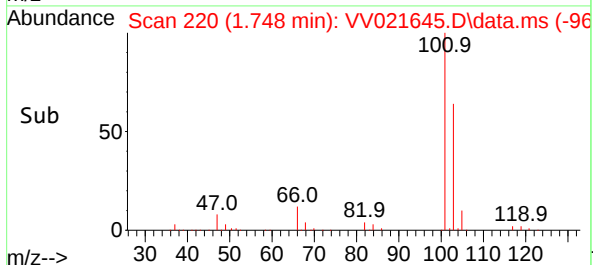
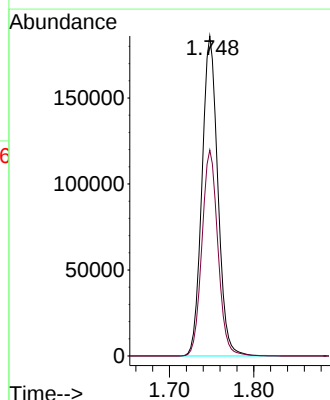
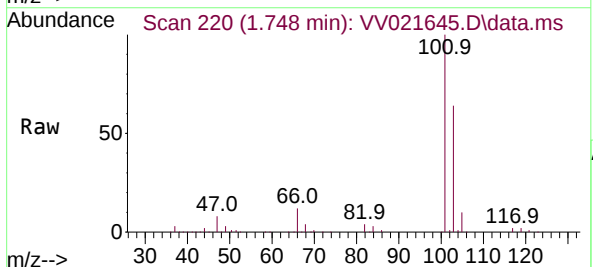
Instrument :
MSVOA_V
ClientSampled :

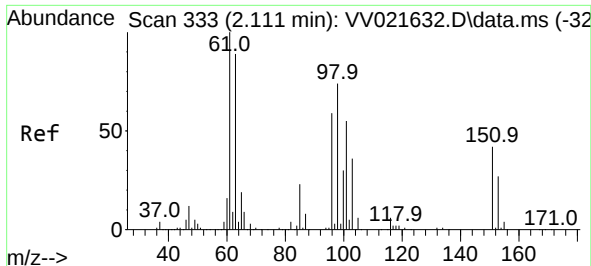
Tgt Ion: 64 Resp: 105985
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.467 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:101 Resp: 244407
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6





#10

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

Concen: 46.728 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

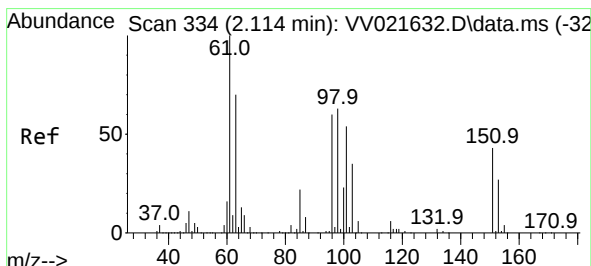
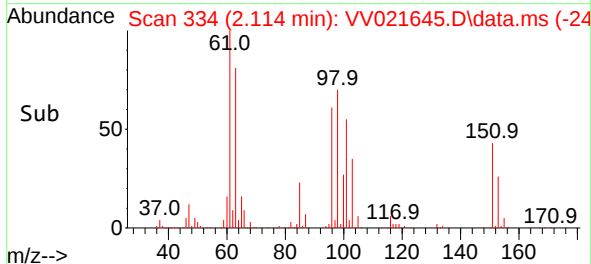
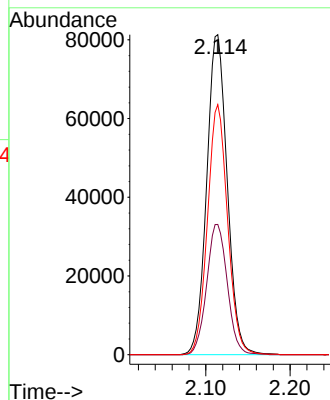
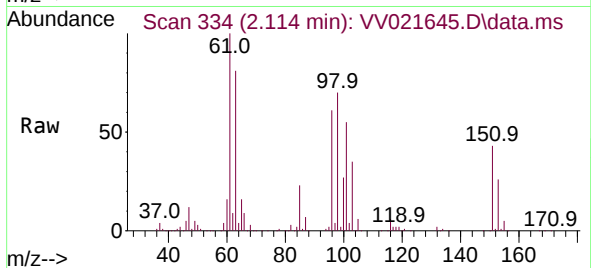
Tgt Ion:101 Resp: 137832

Ion Ratio Lower Upper

101 100

85 40.9 33.3 49.9

151 76.5 62.8 94.2



#12

1,1-Dichloroethene

Concen: 45.089 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

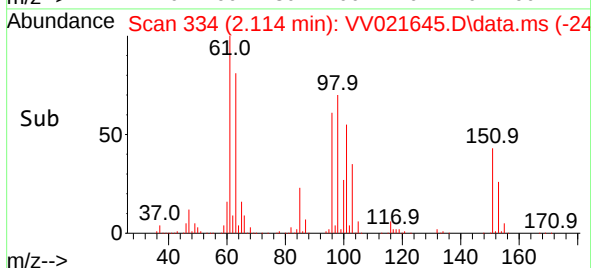
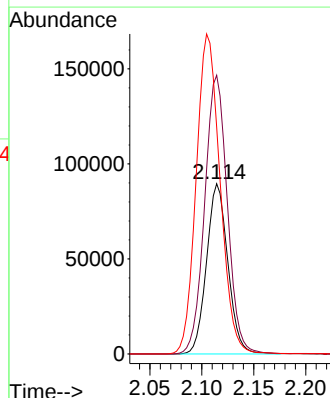
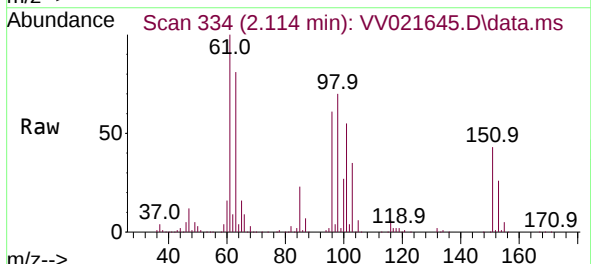
Tgt Ion: 96 Resp: 127797

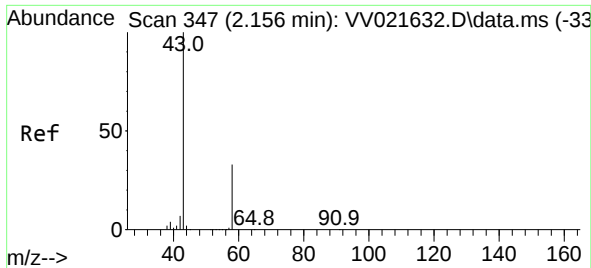
Ion Ratio Lower Upper

96 100

61 163.7 112.9 209.7

63 133.2 90.8 168.6

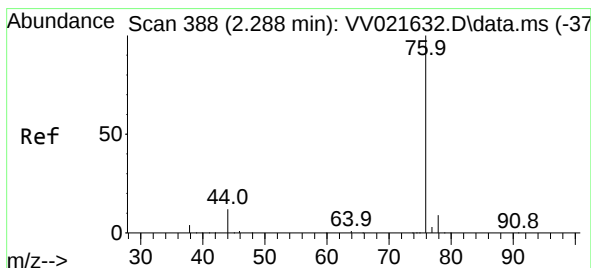
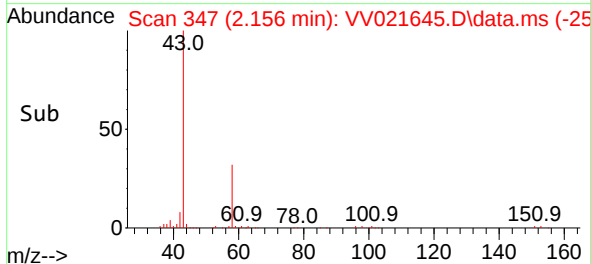
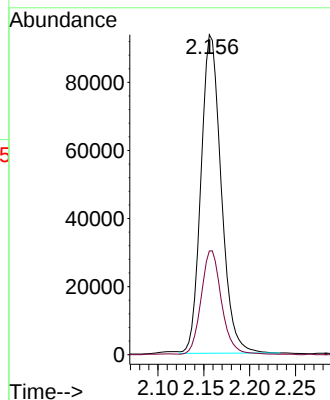
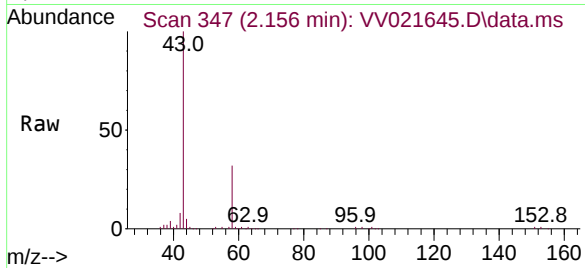




#13
Acetone
Concen: 64.797 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

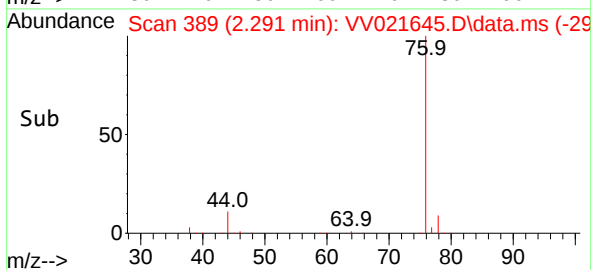
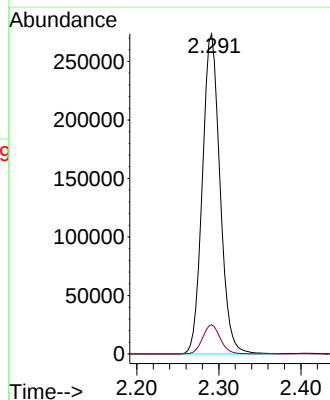
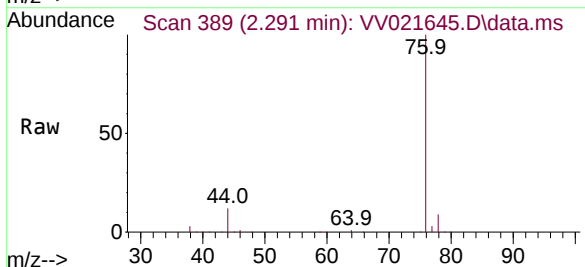
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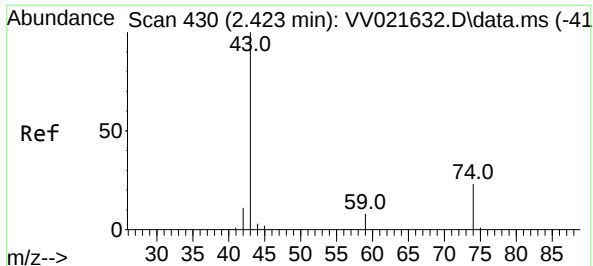
Tgt Ion: 43 Resp: 143660
Ion Ratio Lower Upper
43 100
58 33.3 0.0 0.0#



#14
Carbon disulfide
Concen: 40.860 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 408307
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

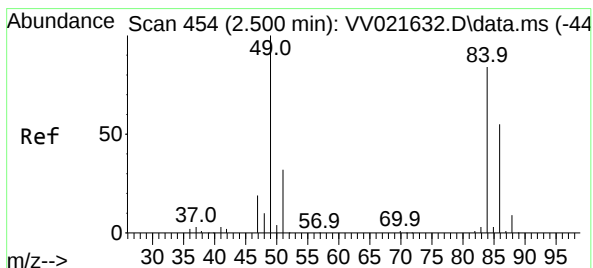
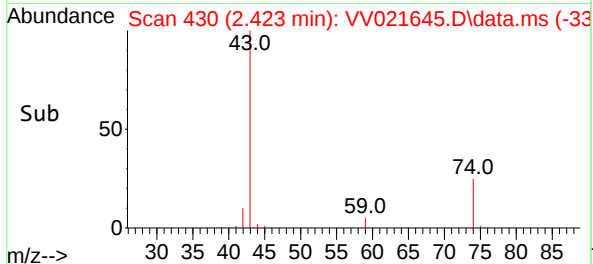
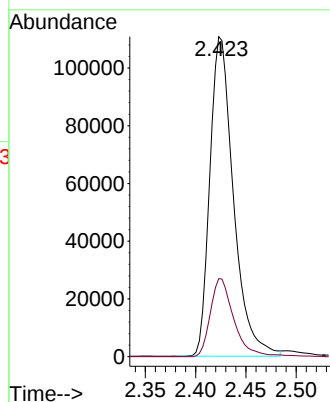
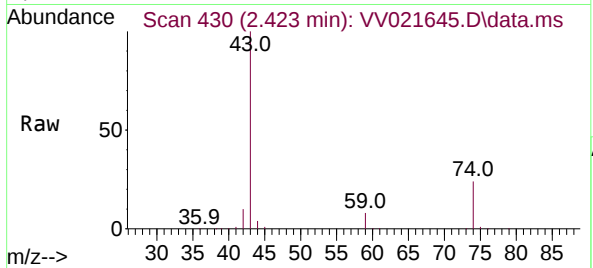




#15
Methyl Acetate
Concen: 43.943 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

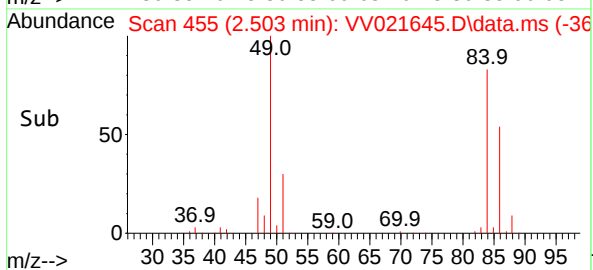
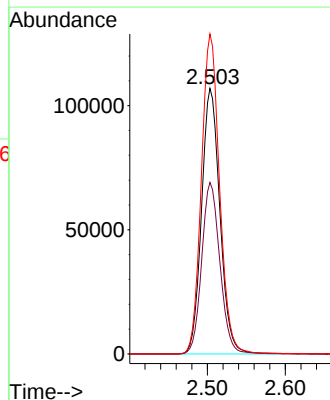
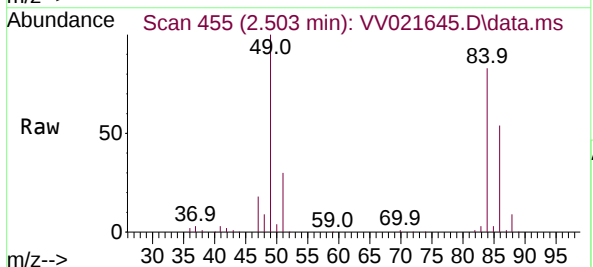
Instrument :
MSVOA_V
ClientSampled :

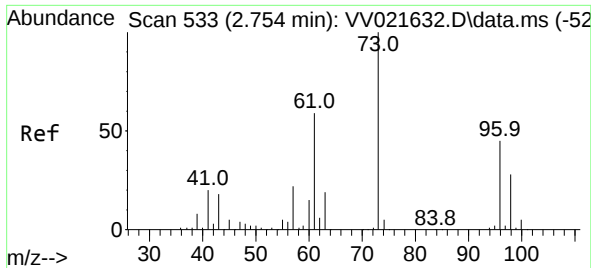
Tgt Ion: 43 Resp: 181040
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 45.396 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 84 Resp: 174670
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.9
49 120.5 82.5 153.3

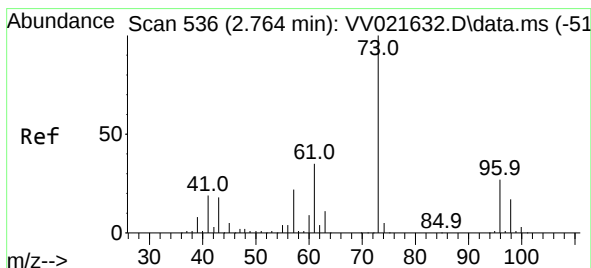
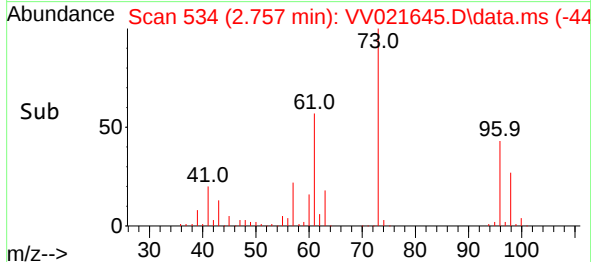
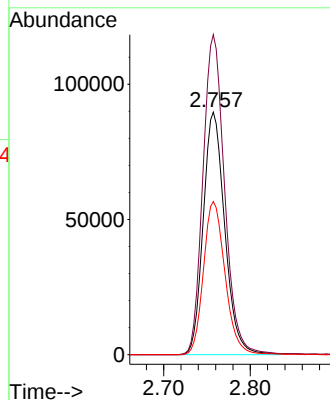
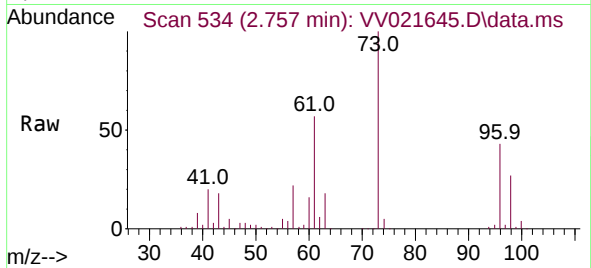




#17
trans-1,2-Dichloroethene
Concen: 44.886 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

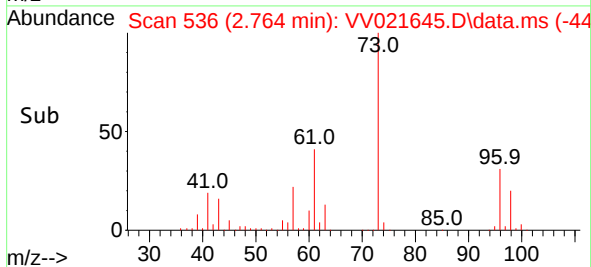
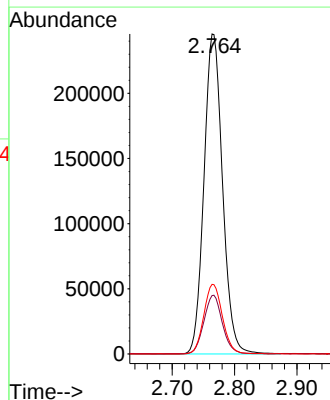
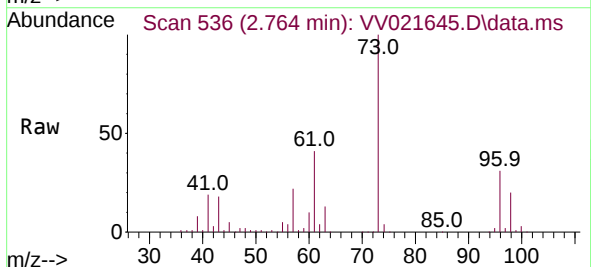
Instrument :
MSVOA_V
ClientSampleId :

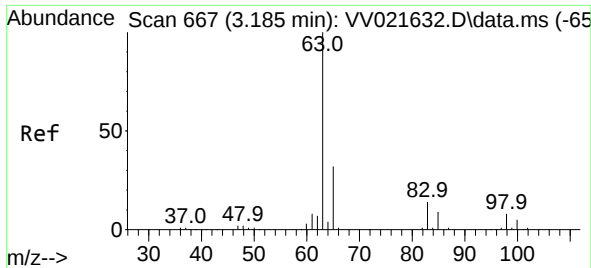
Tgt Ion: 96 Resp: 155211
Ion Ratio Lower Upper
96 100
61 131.9 93.0 172.6
98 63.2 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 45.401 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 73 Resp: 508464
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0
57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 45.433 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

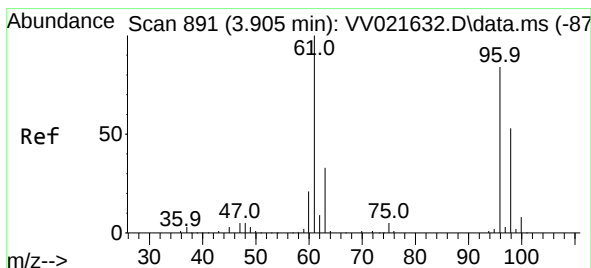
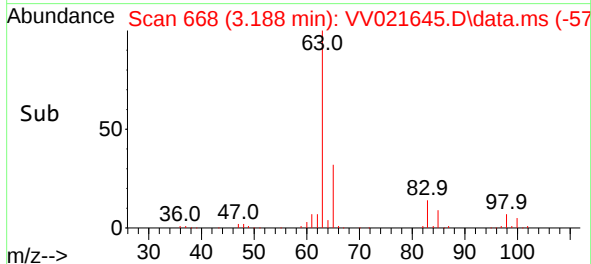
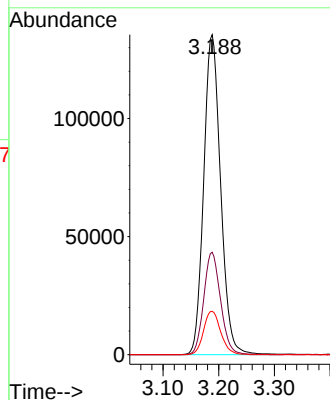
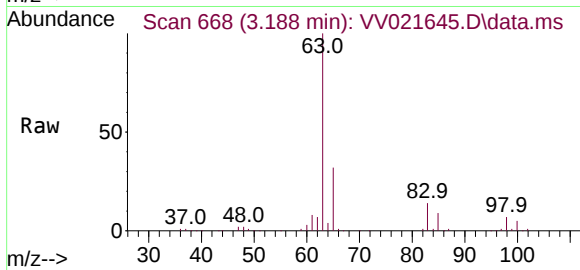
Tgt Ion: 63 Resp: 286173

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 45.177 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

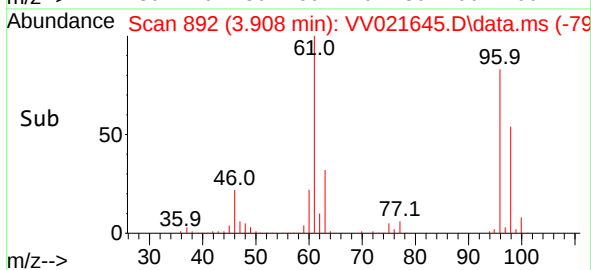
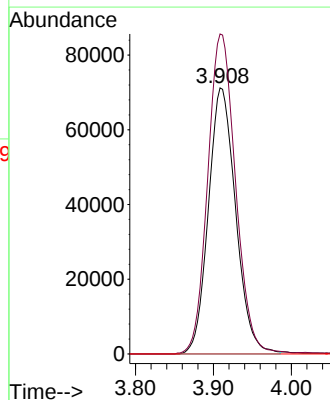
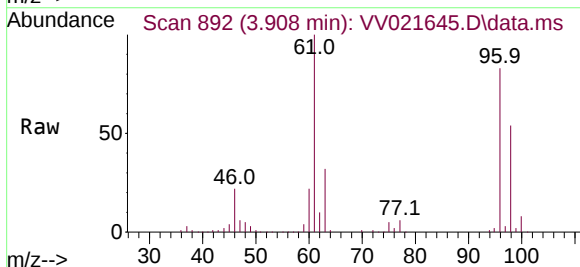
Tgt Ion: 96 Resp: 173711

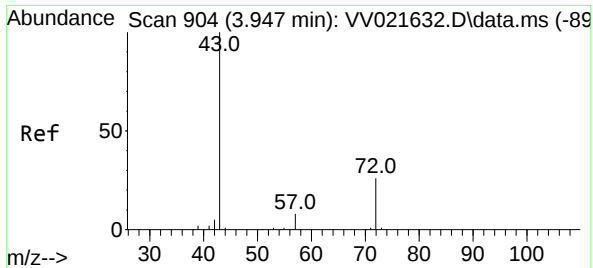
Ion Ratio Lower Upper

96 100

61 120.2 86.9 161.3

68 0.0 0.0 0.0

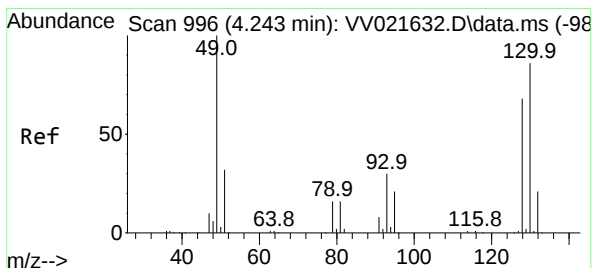
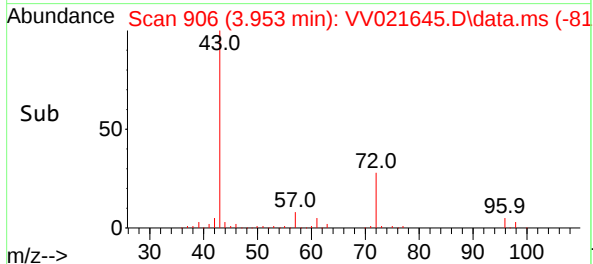
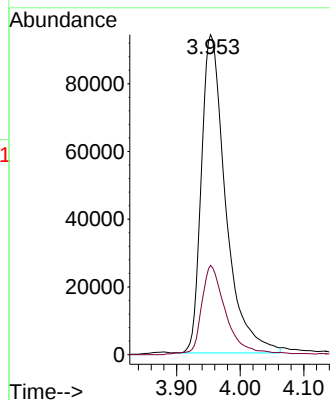
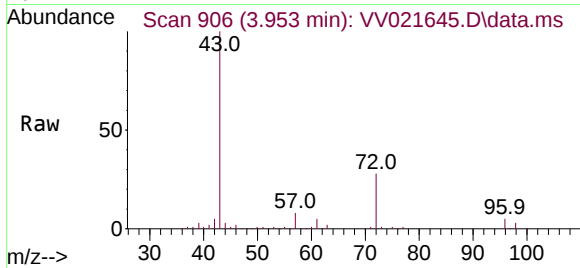




#22
2-Butanone
Concen: 81.628 ug/L
RT: 3.953 min Scan# 906
Delta R.T. 0.007 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

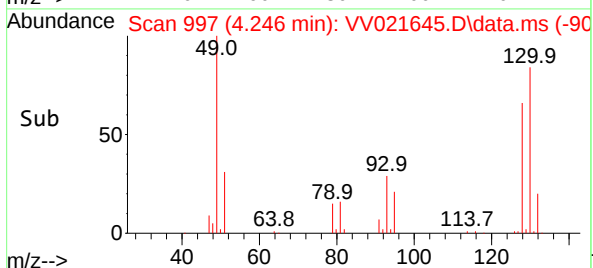
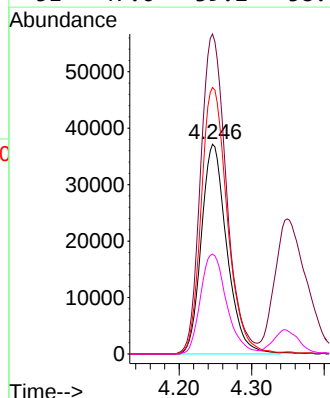
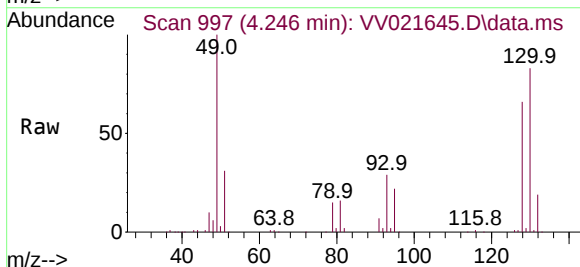
Instrument :
MSVOA_V
ClientSampled :

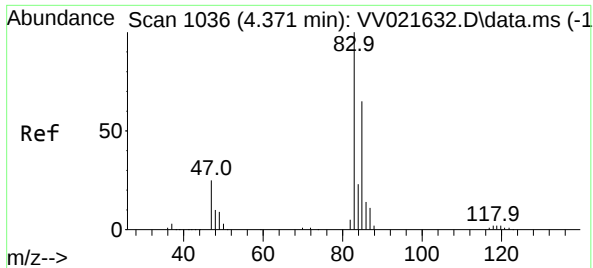
Tgt Ion: 43 Resp: 249935
Ion Ratio Lower Upper
43 100
72 27.4 13.3 39.8



#23
Bromochloromethane
Concen: 44.456 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:128 Resp: 90225
Ion Ratio Lower Upper
128 100
49 152.5 107.5 199.7
130 127.0 92.2 171.2
51 47.6 39.2 58.8





#25

Chloroform

Concen: 45.410 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV021645.D

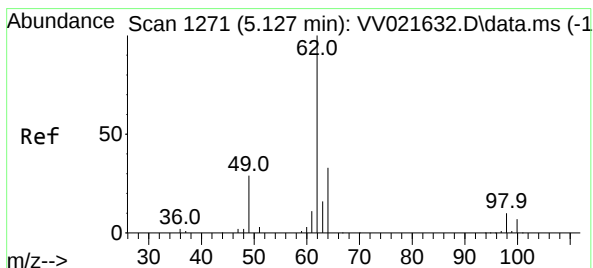
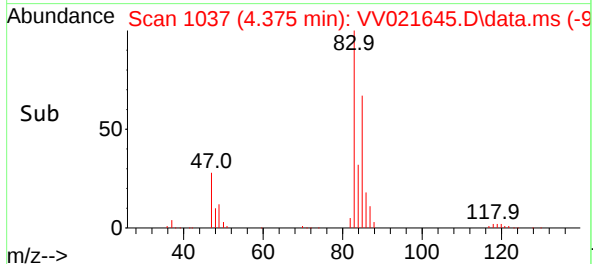
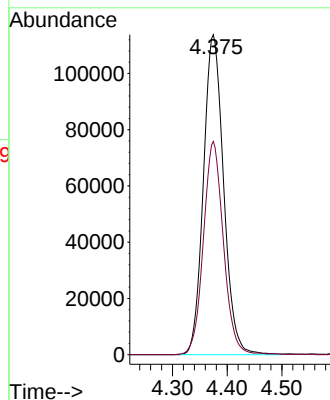
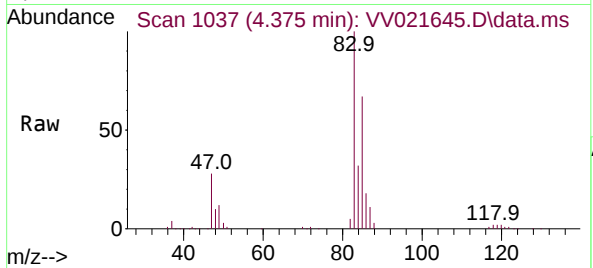
Acq: 13 Jul 2021 15:39

Tgt Ion: 83 Resp: 291606

Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 46.352 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021645.D

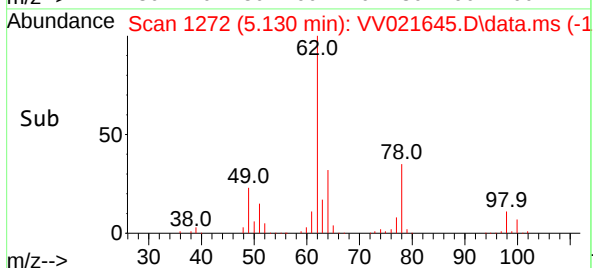
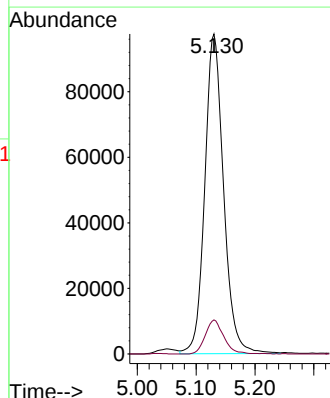
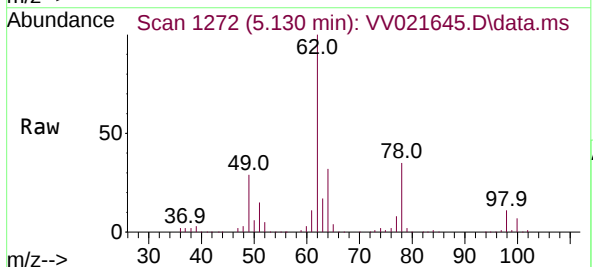
Acq: 13 Jul 2021 15:39

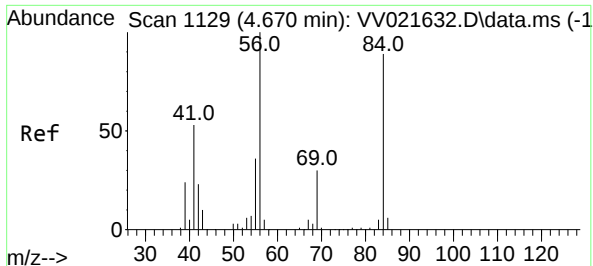
Tgt Ion: 62 Resp: 216498

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

Cyclohexane

Concen: 44.867 ug/L

RT: 4.677 min Scan# 1131

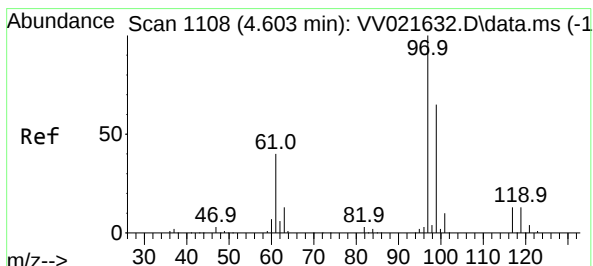
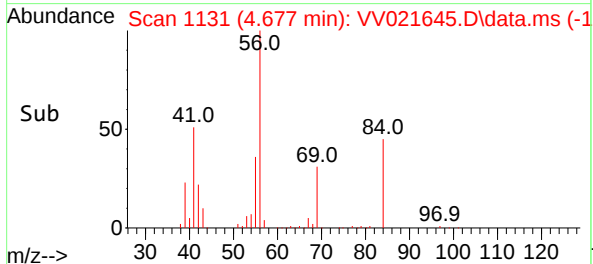
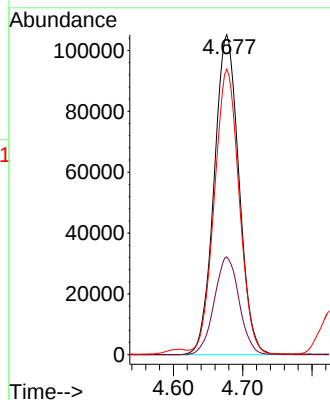
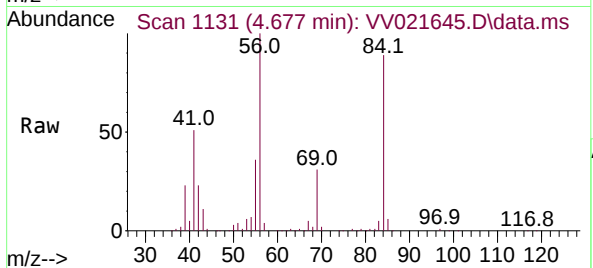
Delta R.T. 0.007 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

Tgt Ion: 56 Resp: 261818

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	89.4	71.6	107.4



#30

1,1,1-Trichloroethane

Concen: 45.110 ug/L

RT: 4.609 min Scan# 1110

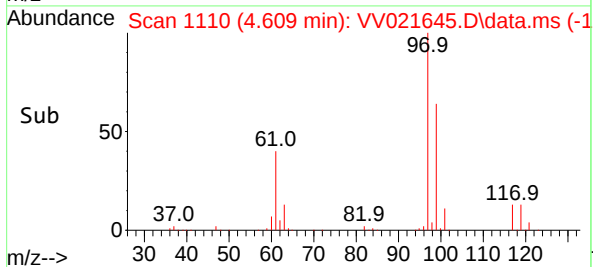
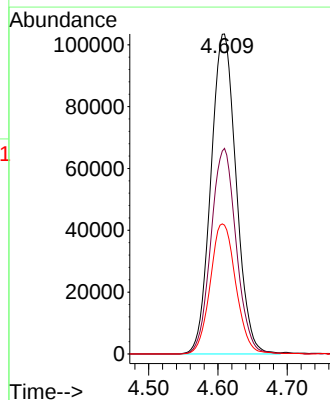
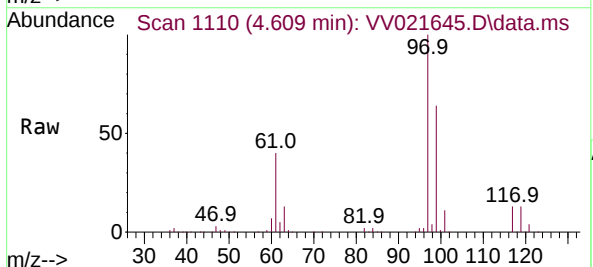
Delta R.T. 0.007 min

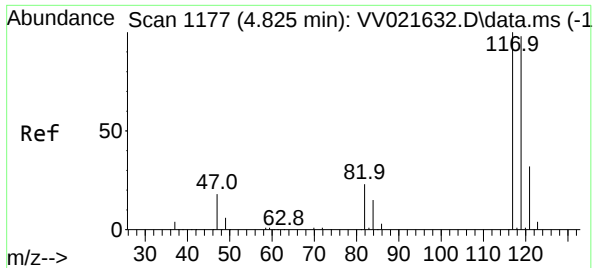
Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

Tgt Ion: 97 Resp: 262092

Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	41.2	32.6	49.0

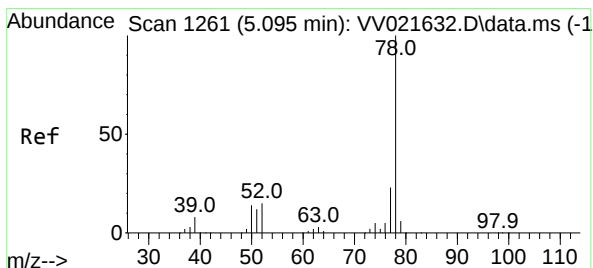
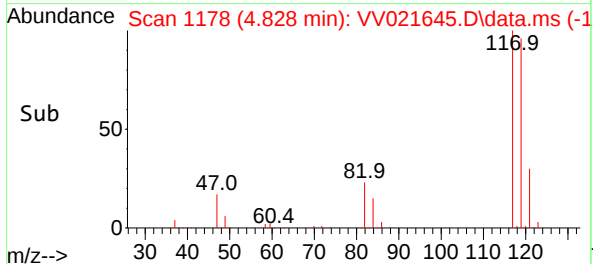
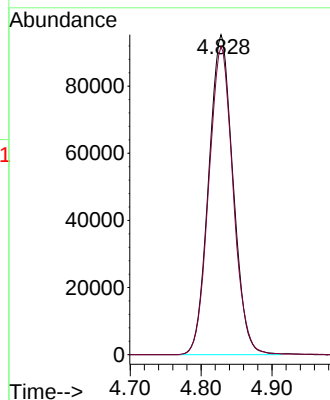
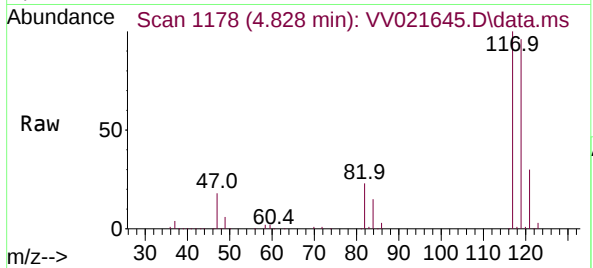




#31
Carbon tetrachloride
Concen: 44.507 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

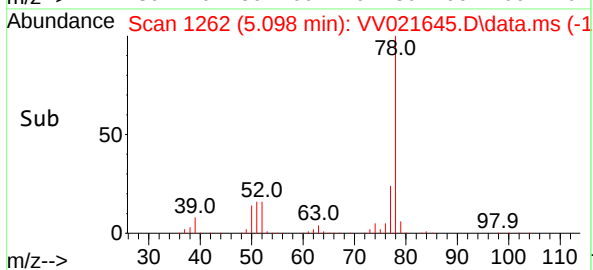
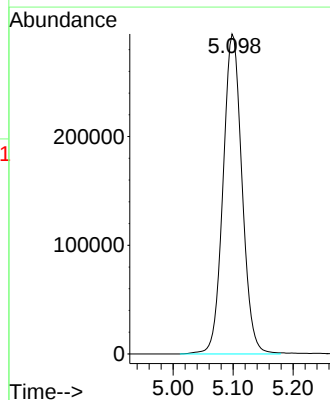
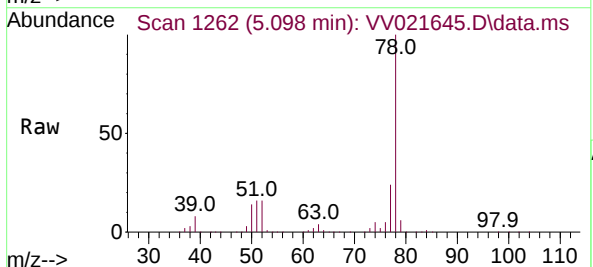
Instrument :
MSVOA_V
ClientSampled :

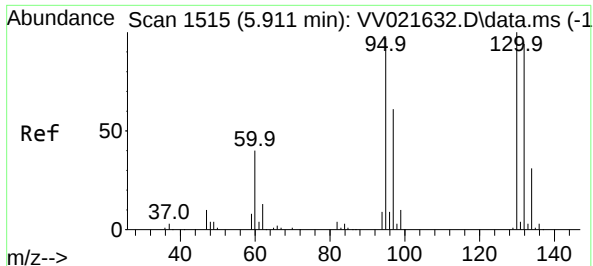
Tgt Ion:117 Resp: 227734
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 45.930 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 78 Resp: 645977

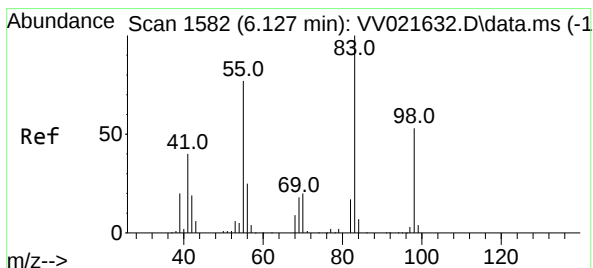
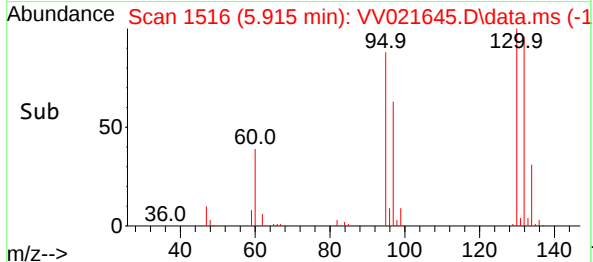
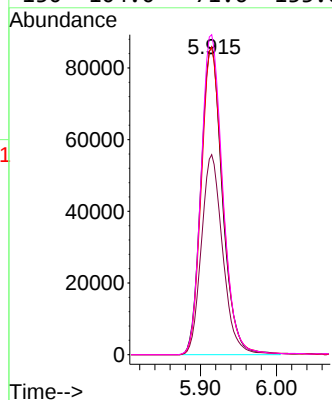
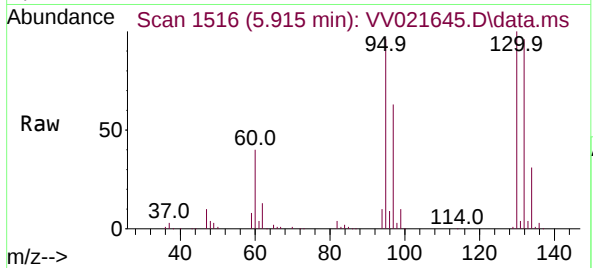




#34
Trichloroethene
Concen: 44.449 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

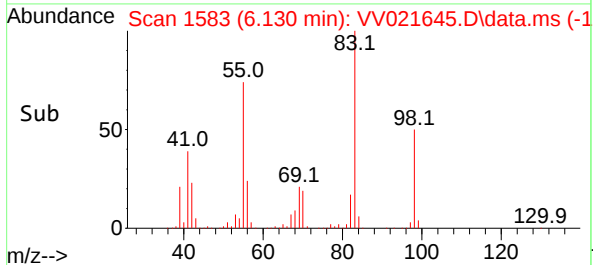
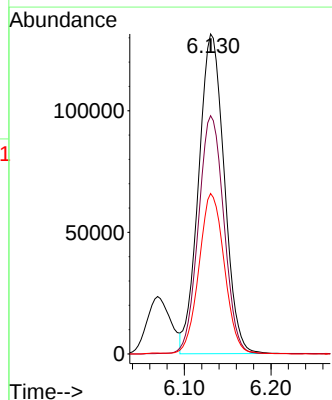
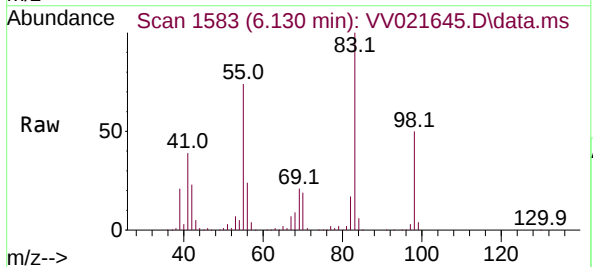
Instrument :
MSVOA_V
ClientSampleId :

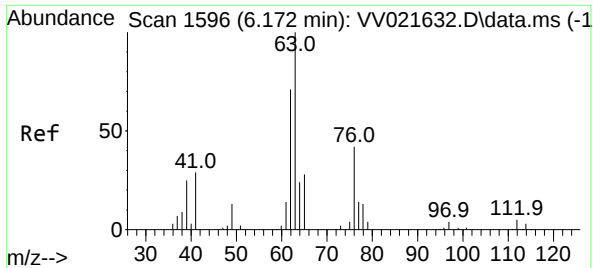
Tgt Ion: 95 Resp: 168982
Ion Ratio Lower Upper
95 100
97 65.0 44.6 82.8
132 100.0 69.0 128.1
130 104.0 71.6 133.0



#35
Methylcyclohexane
Concen: 44.775 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 83 Resp: 270248
Ion Ratio Lower Upper
83 100
55 74.1 58.7 88.1
98 49.9 39.7 59.5

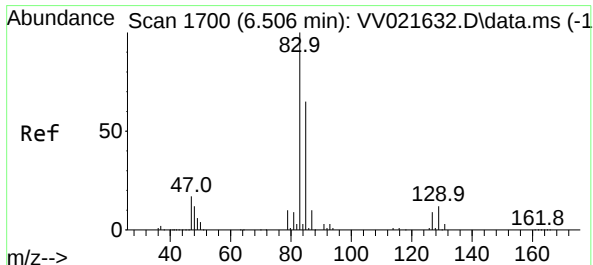
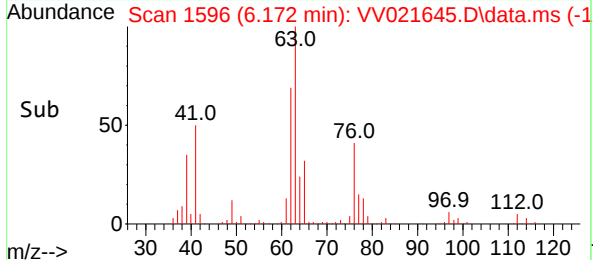
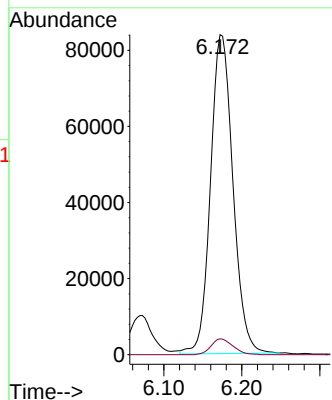
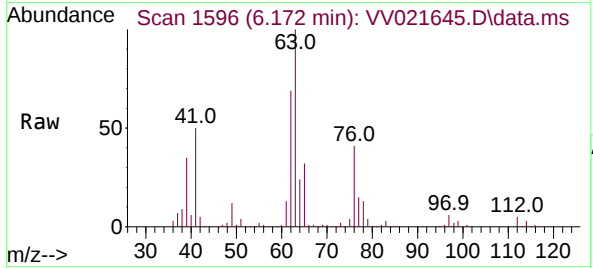




#37
1,2-Dichloropropane
Concen: 45.813 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

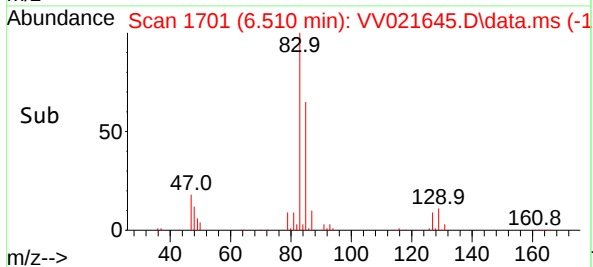
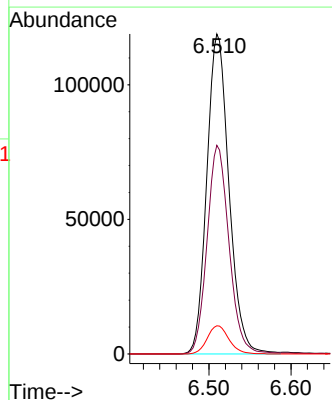
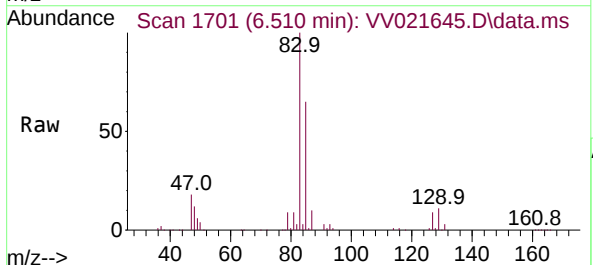
Instrument :
MSVOA_V
ClientSampleId :

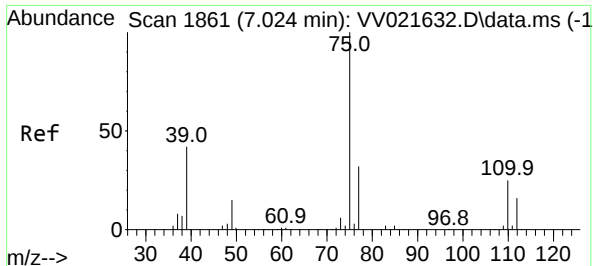
Tgt Ion: 63 Resp: 167476
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 45.221 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 83 Resp: 223408
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
127 8.8 7.3 10.9

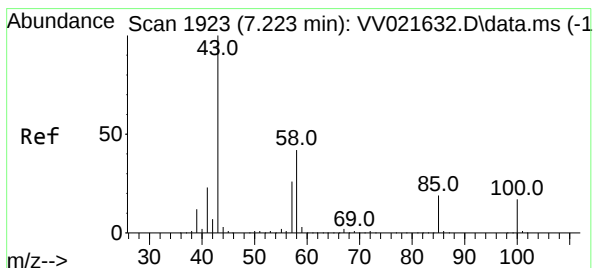
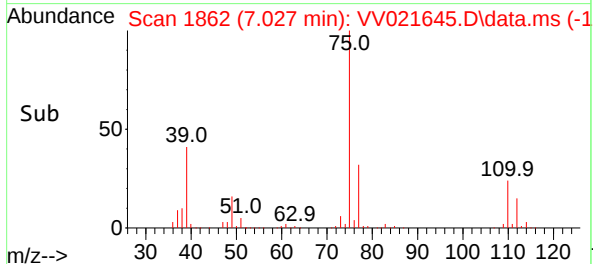
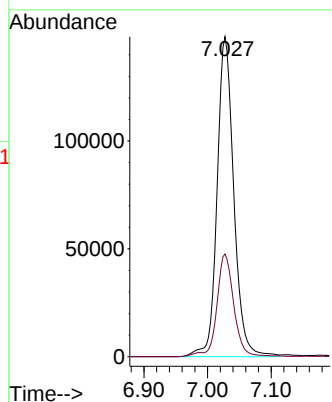
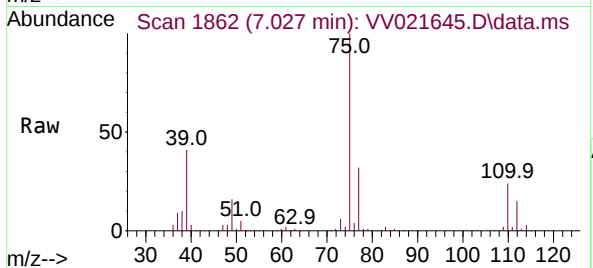




#39
 cis-1,3-Dichloropropene
 Concen: 44.943 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

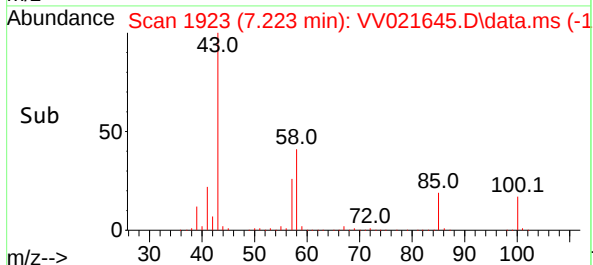
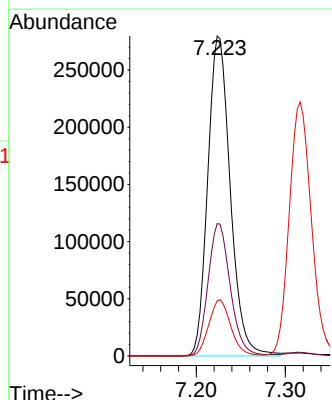
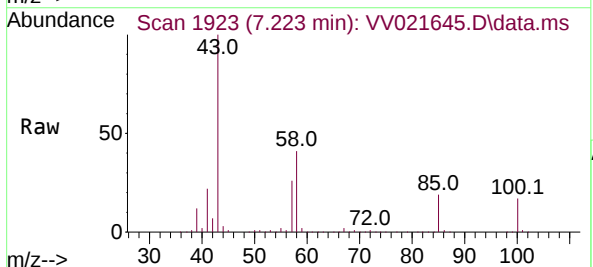
Instrument :
 MSVOA_V
 ClientSampled :

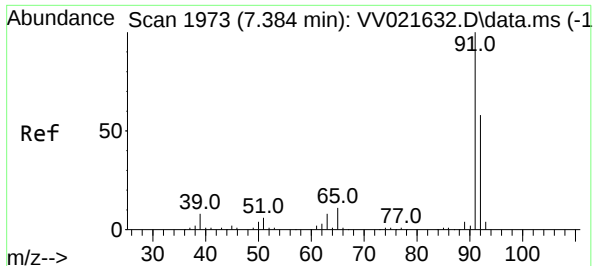
Tgt Ion: 75 Resp: 270931
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 91.534 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021645.D
 Acq: 13 Jul 2021 15:39

Tgt Ion: 43 Resp: 491195
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.8 49.2
 100 17.2 13.5 20.3





#42

Toluene

Concen: 46.209 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV021645.D

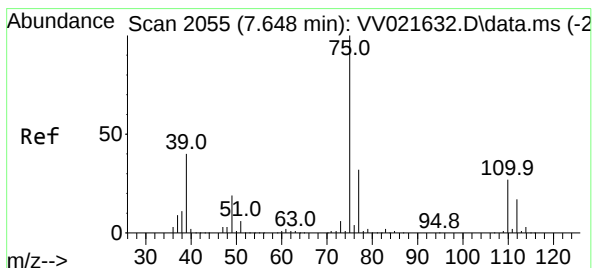
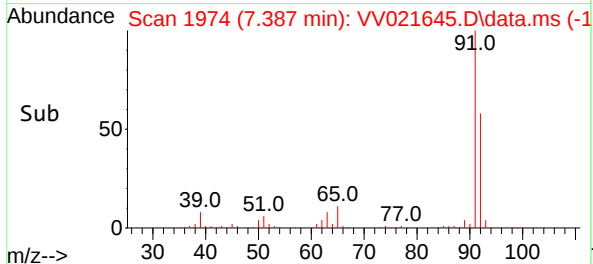
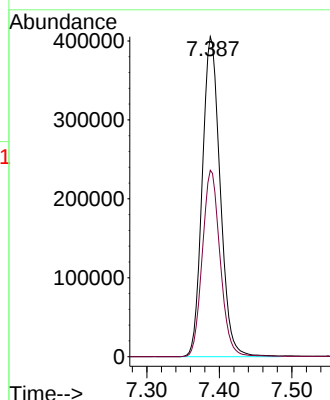
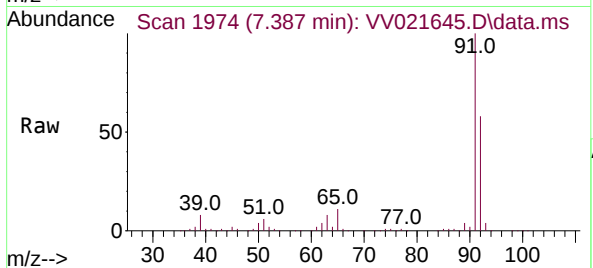
Acq: 13 Jul 2021 15:39

Tgt Ion: 91 Resp: 696104

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 45.211 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021645.D

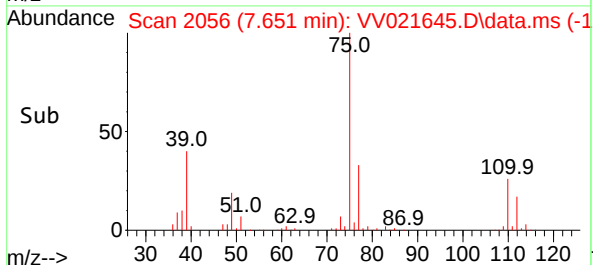
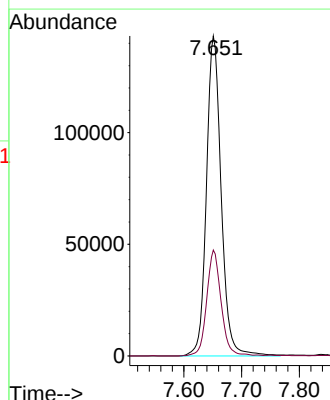
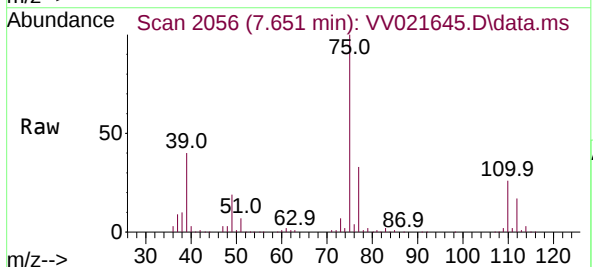
Acq: 13 Jul 2021 15:39

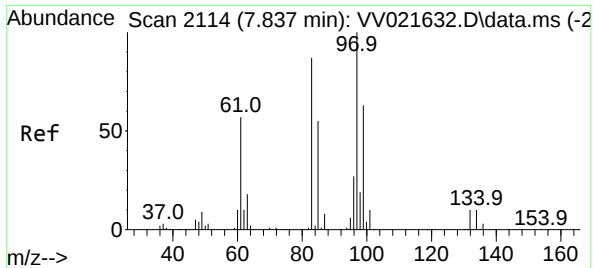
Tgt Ion: 75 Resp: 254523

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4

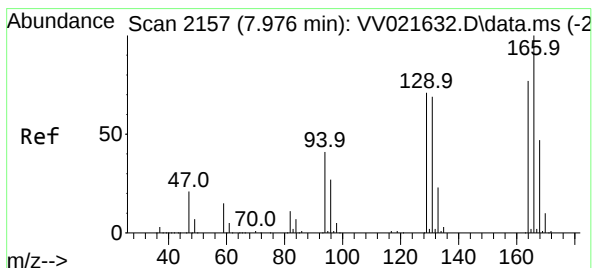
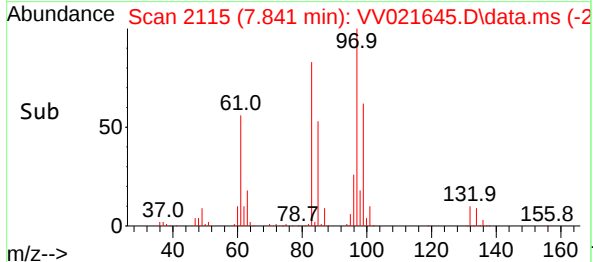
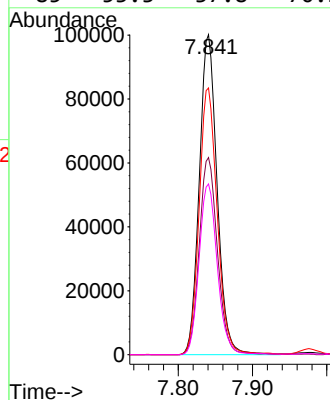
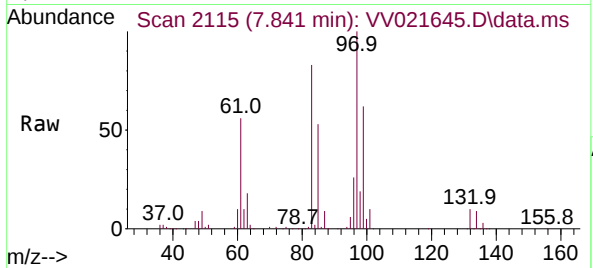




#45
1,1,2-Trichloroethane
Concen: 46.589 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

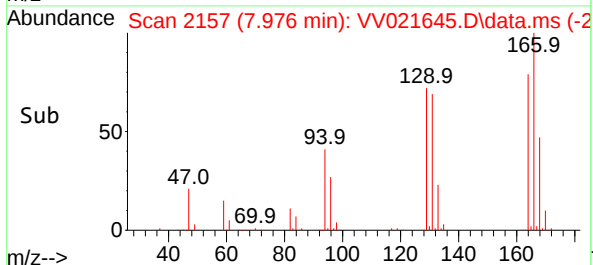
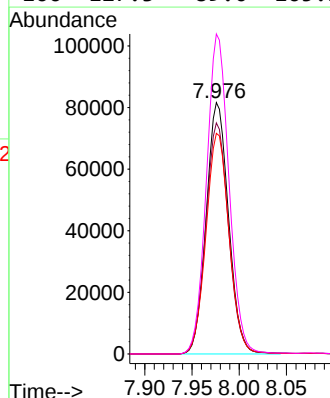
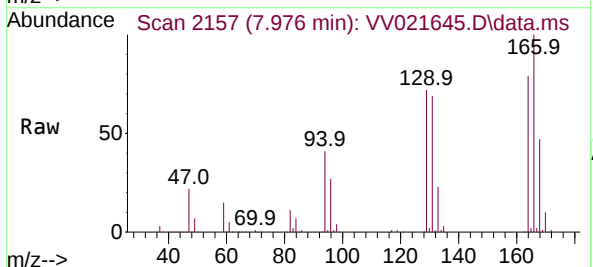
Instrument :
MSVOA_V
ClientSampled :

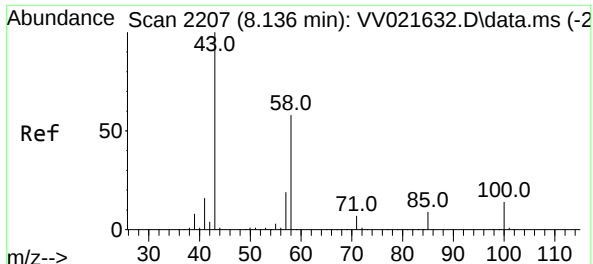
Tgt Ion: 97	Resp: 167314
Ion Ratio	Lower Upper
97 100	
99 61.6	44.4 82.4
83 83.3	58.8 109.2
85 53.3	37.8 70.2



#46
Tetrachloroethene
Concen: 44.495 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt	Ion:164	Resp:	134536
Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.9	122.3
131	87.8	64.0	119.0
166	127.3	89.0	165.2

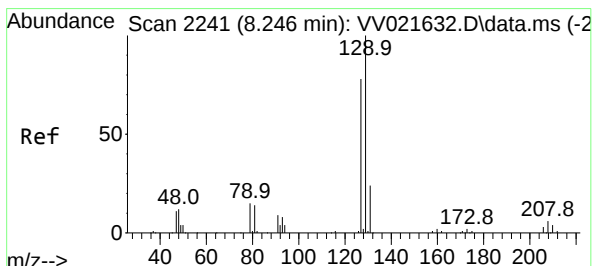
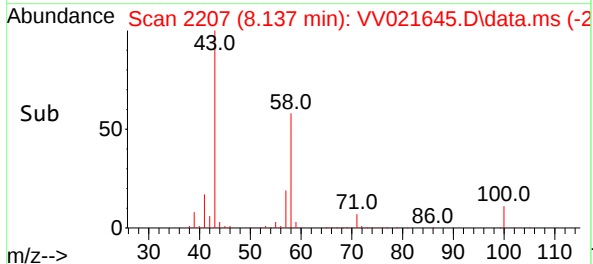
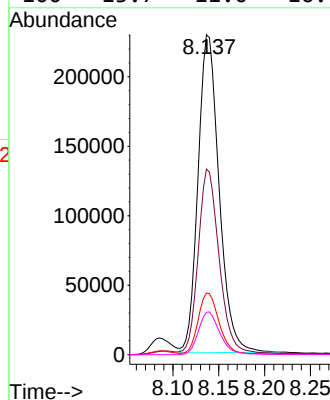
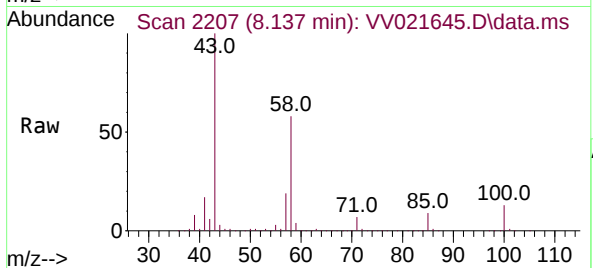




#48
2-Hexanone
Concen: 86.394 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

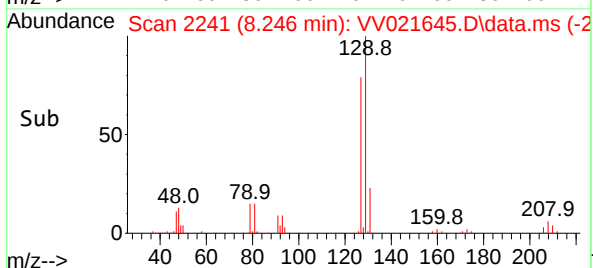
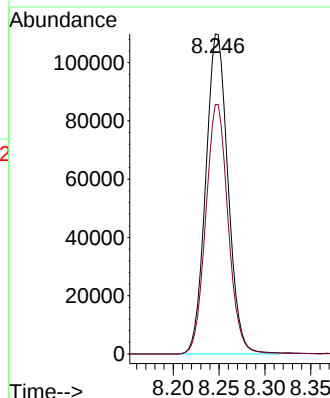
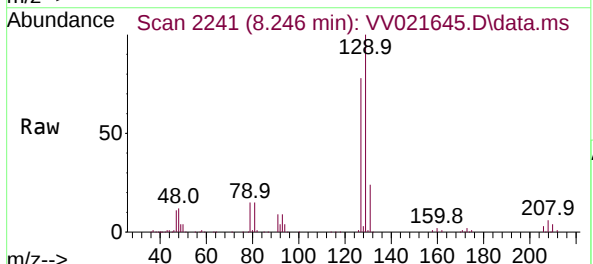
Instrument :
MSVOA_V
ClientSampleId :

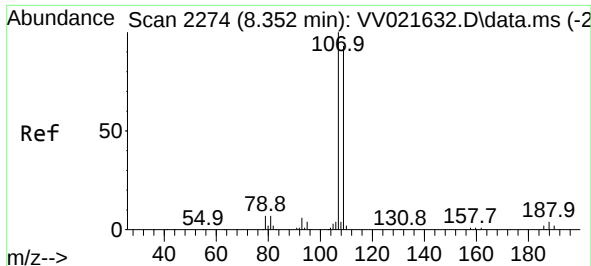
Tgt Ion:	43	Resp:	366451
Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.7	70.1
57	19.4	15.5	23.3
100	13.7	11.0	16.4



#49
Dibromochloromethane
Concen: 44.840 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:	129	Resp:	185455
Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.1	98.7





#50

1,2-Dibromoethane

Concen: 44.902 ug/L

RT: 8.352 min Scan# 2274

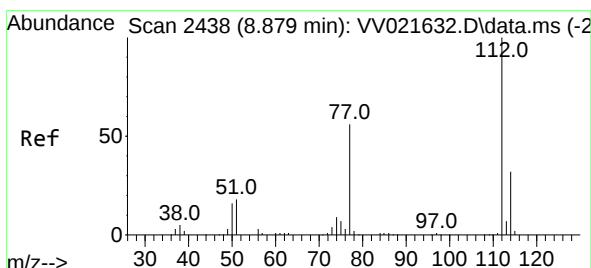
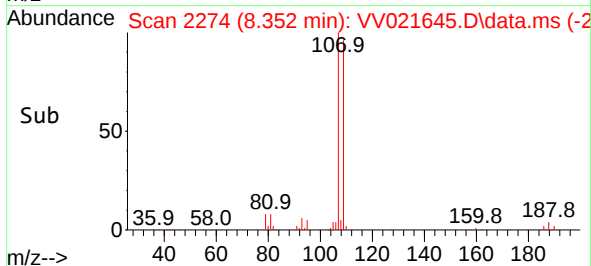
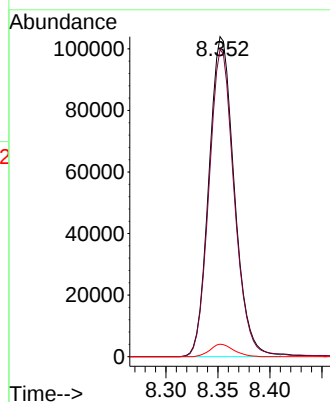
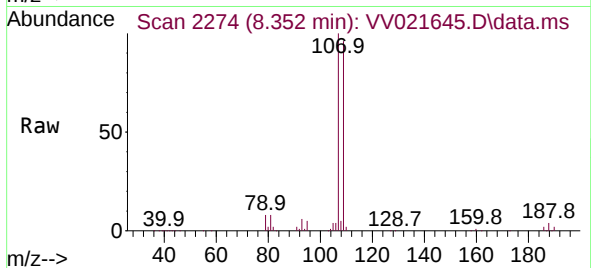
Delta R.T. 0.000 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	176809
Ion	Ratio	Lower	Upper
107	100		
109	96.0	65.8	122.2
188	3.9	3.1	4.7



#51

Chlorobenzene

Concen: 46.119 ug/L

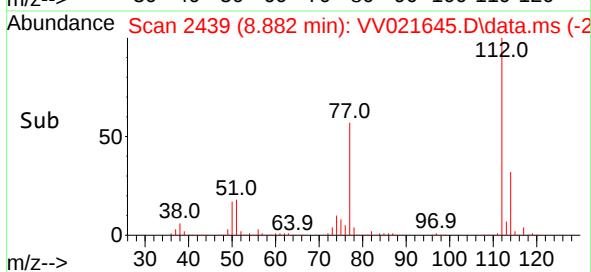
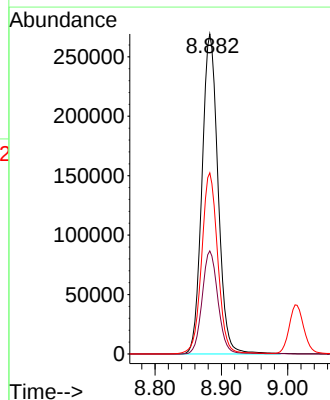
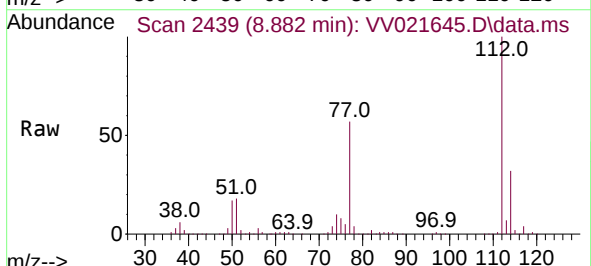
RT: 8.882 min Scan# 2439

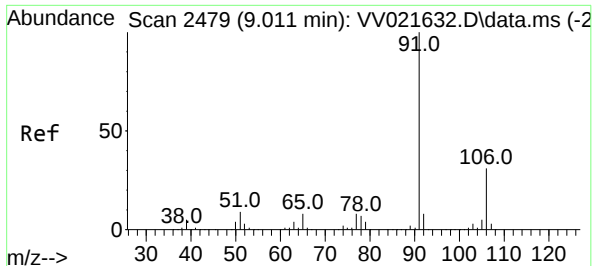
Delta R.T. 0.003 min

Lab File: VV021645.D

Acq: 13 Jul 2021 15:39

Tgt Ion:	112	Resp:	452115
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.9	40.7
77	56.6	44.0	66.0

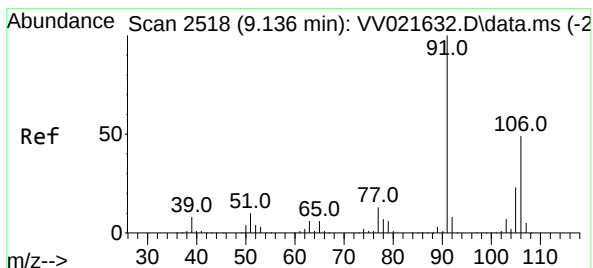
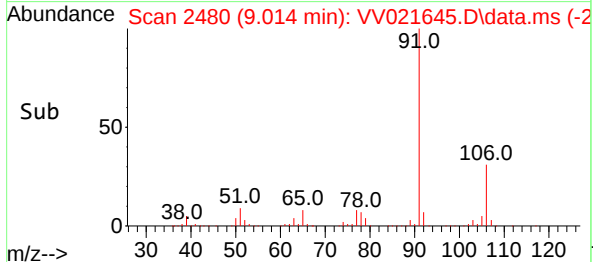
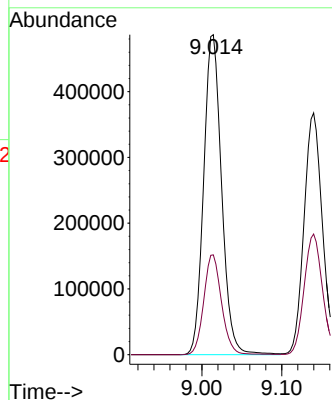
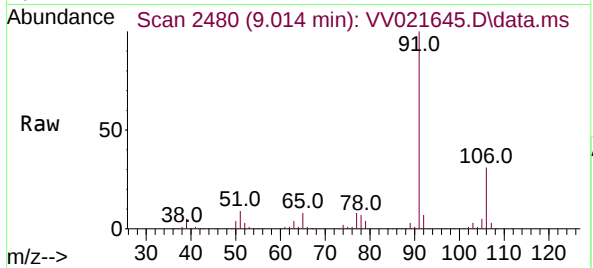




#52
Ethylbenzene
Concen: 46.451 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

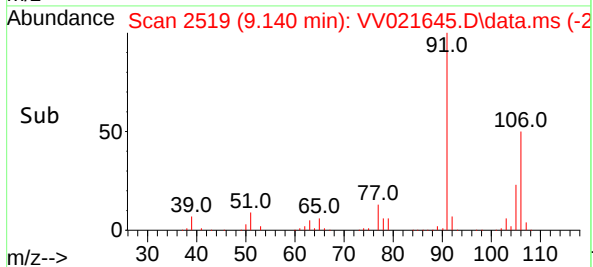
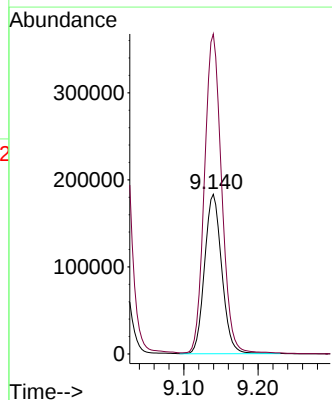
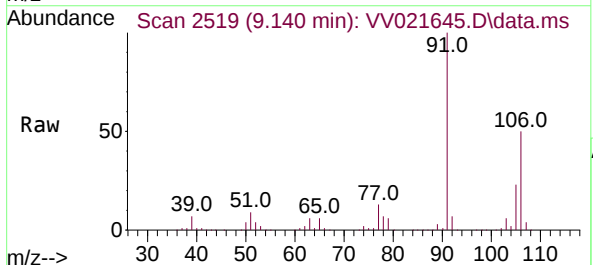
Instrument :
MSVOA_V
ClientSampled :

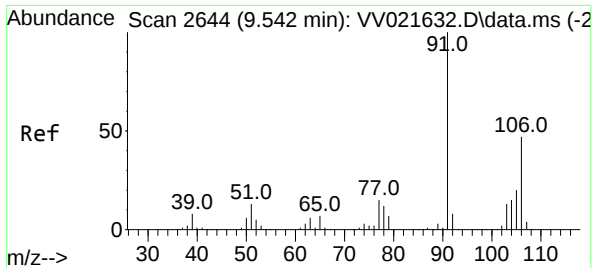
Tgt Ion: 91 Resp: 760208
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 46.765 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 106 Resp: 293711
Ion Ratio Lower Upper
106 100
91 200.5 138.7 257.5

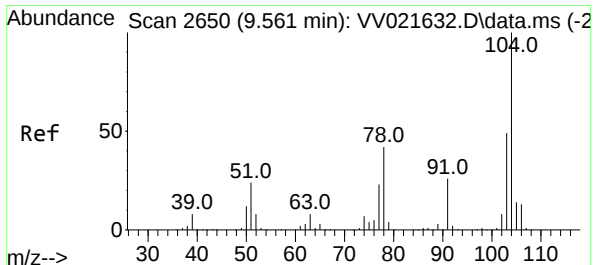
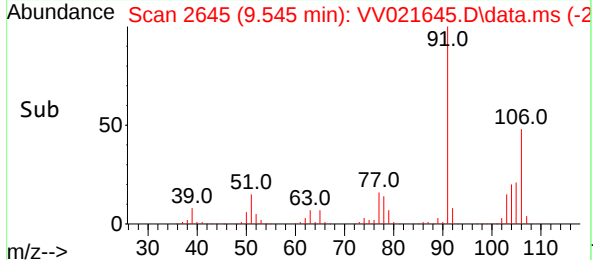
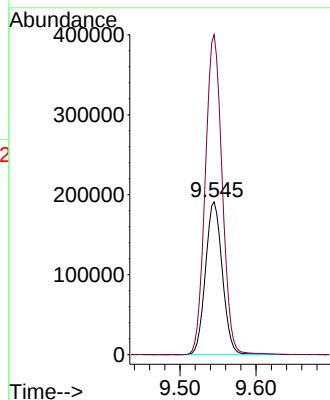
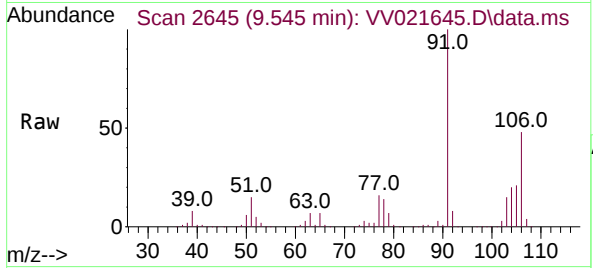




#54
o-Xylene
Concen: 46.935 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

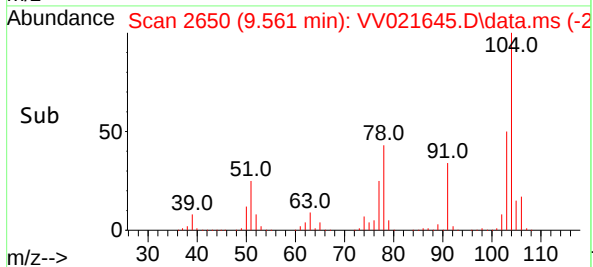
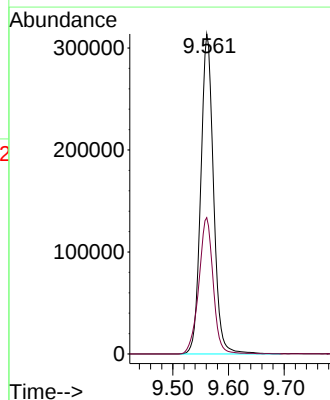
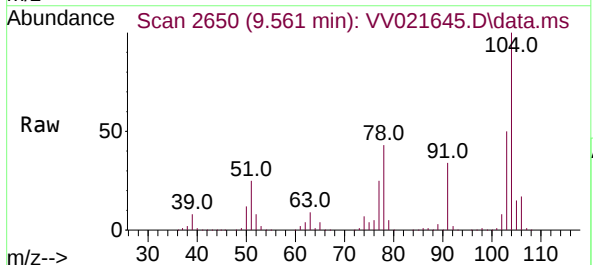
Instrument :
MSVOA_V
ClientSampled :

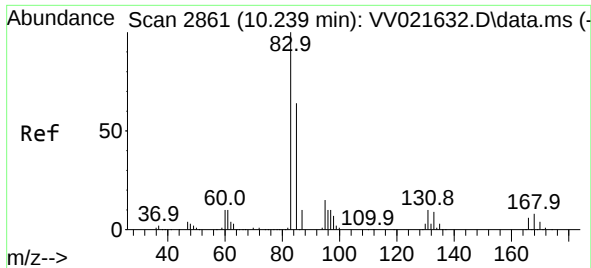
Tgt Ion:106 Resp: 294092
Ion Ratio Lower Upper
106 100
91 209.4 149.0 276.8



#55
Styrene
Concen: 47.302 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:104 Resp: 500832
Ion Ratio Lower Upper
104 100
78 42.6 30.6 56.8

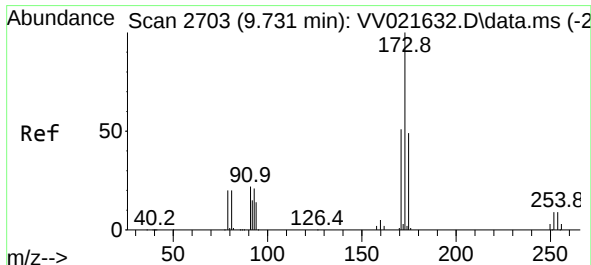
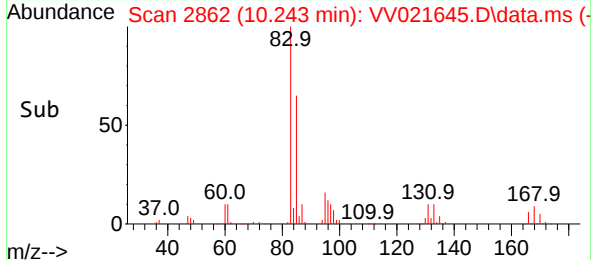
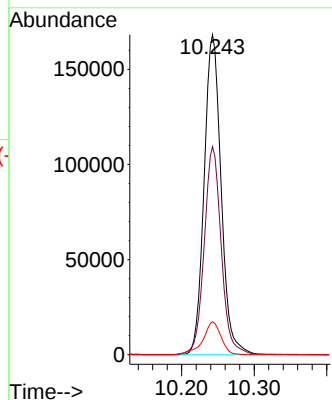
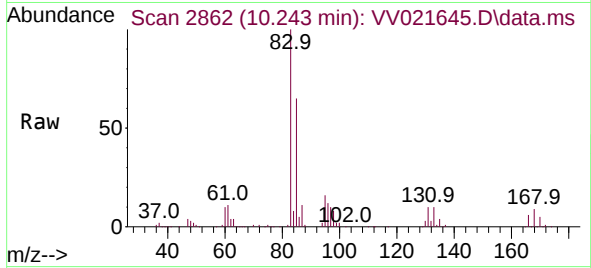




#57
1,1,2,2-Tetrachloroethane
Concen: 48.906 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

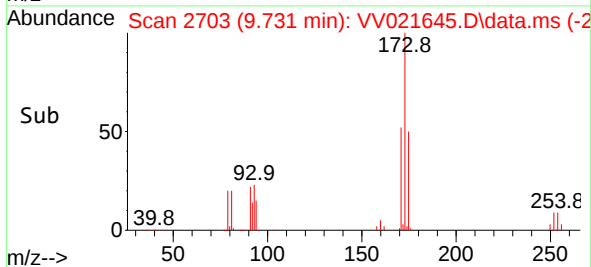
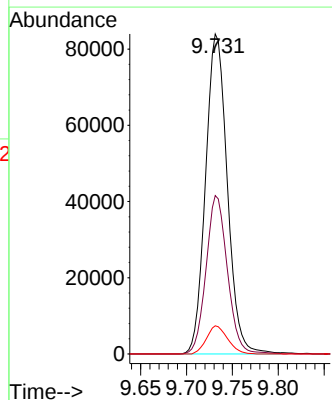
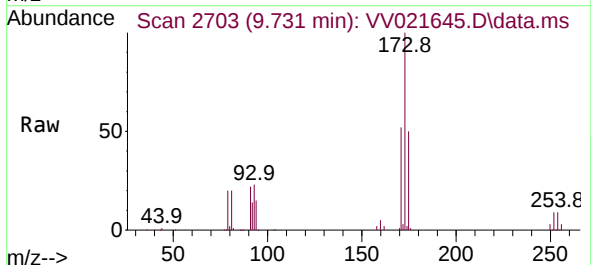
Instrument :
MSVOA_V
ClientSampleId :

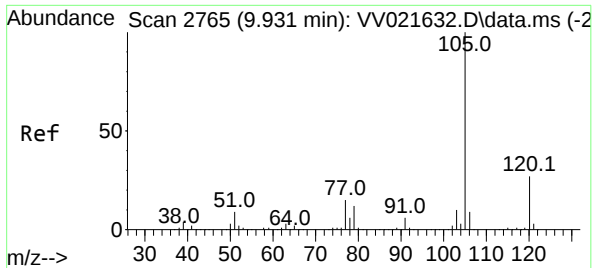
Tgt Ion: 83 Resp: 273789
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6
131 10.3 8.4 12.6



#59
Bromoform
Concen: 43.194 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 173 Resp: 138627
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 8.5 7.0 10.6

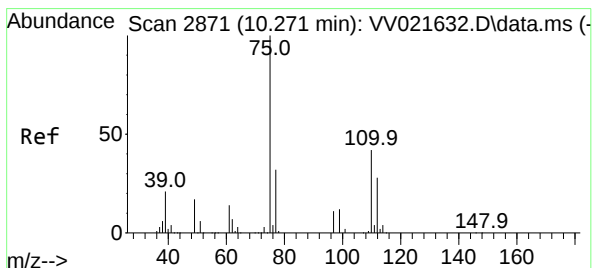
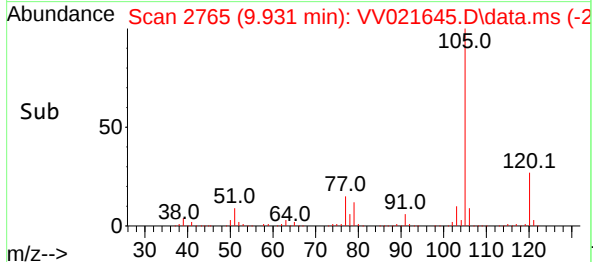
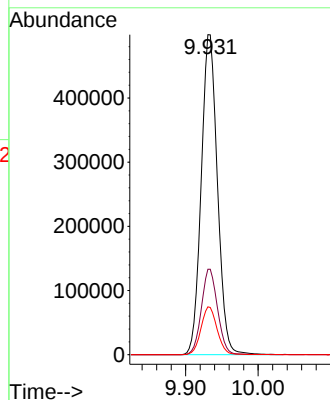
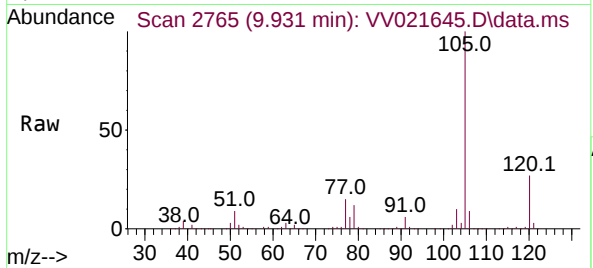




#60
Isopropylbenzene
Concen: 45.434 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

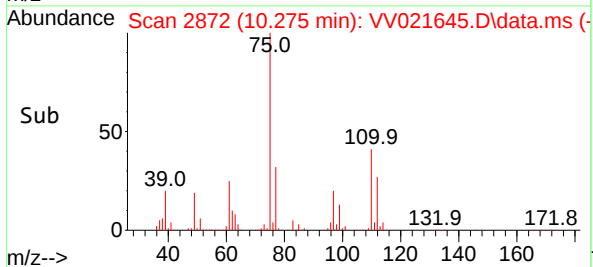
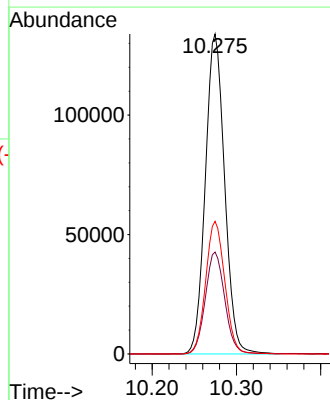
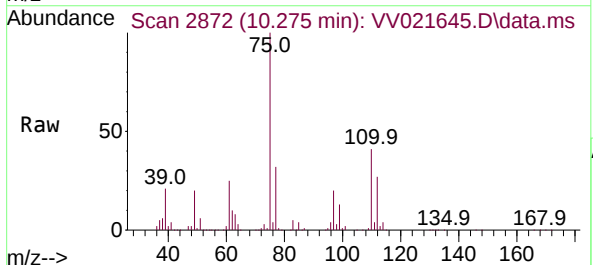
Instrument :
MSVOA_V
ClientSampleId :

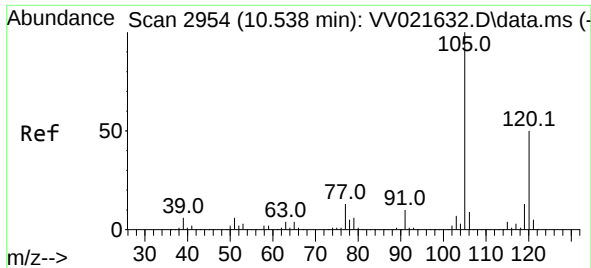
Tgt Ion:105 Resp: 773812
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 44.217 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 75 Resp: 213435
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 41.1 33.0 49.6

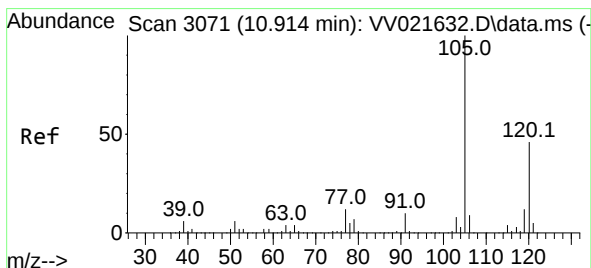
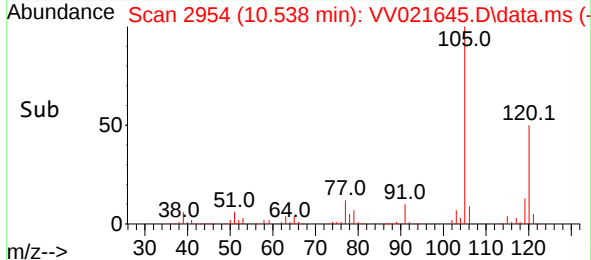
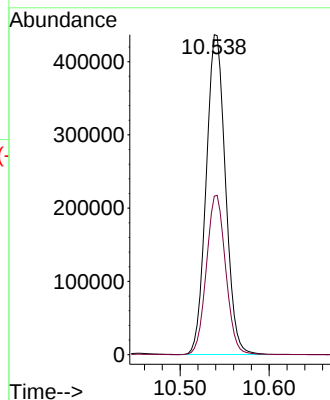
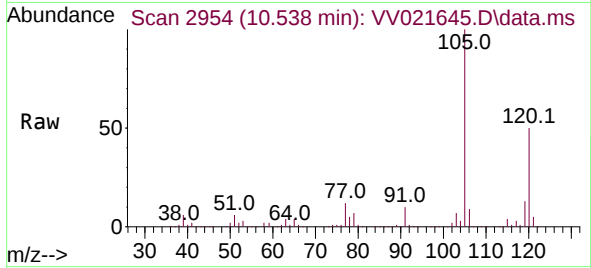




#62
1,3,5-Trimethylbenzene
Concen: 45.150 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

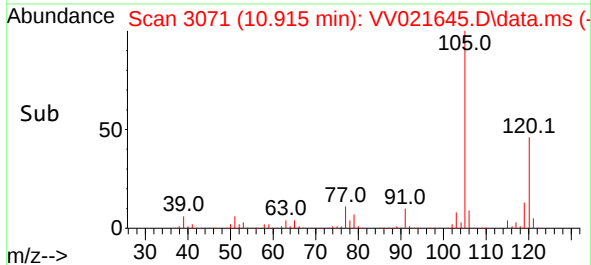
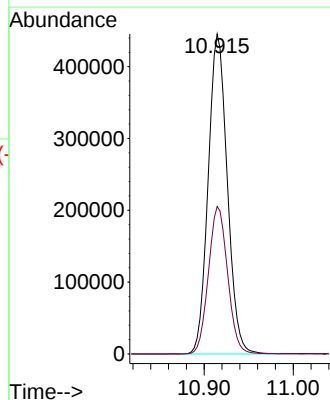
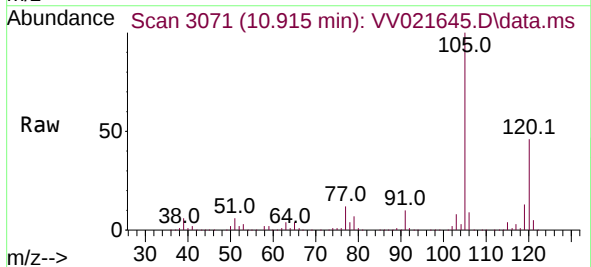
Instrument :
MSVOA_V
ClientSampled :

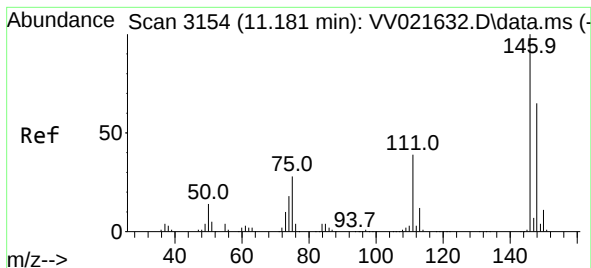
Tgt Ion:105 Resp: 655363
Ion Ratio Lower Upper
105 100
120 49.9 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 45.043 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:105 Resp: 661646
Ion Ratio Lower Upper
105 100
120 46.4 37.1 55.7

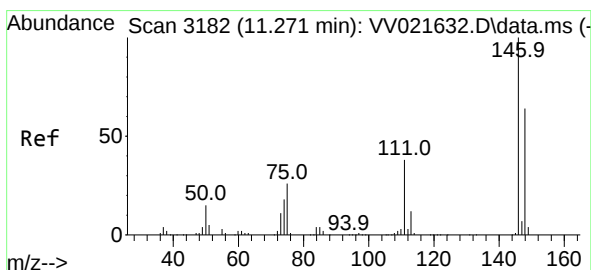
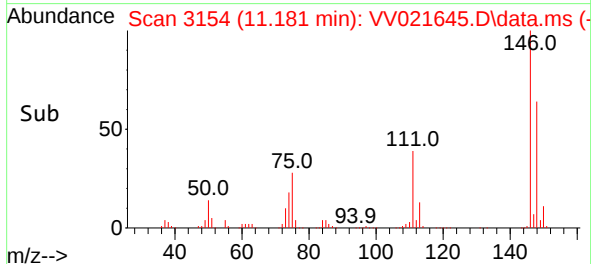
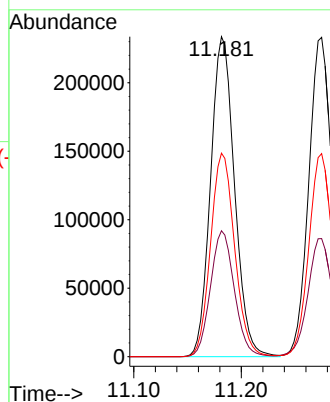
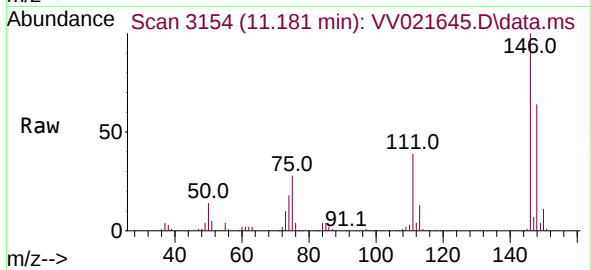




#64
1,3-Dichlorobenzene
Concen: 45.155 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

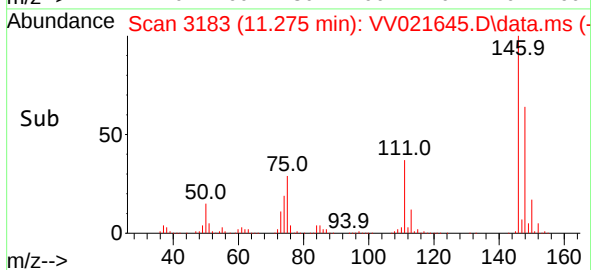
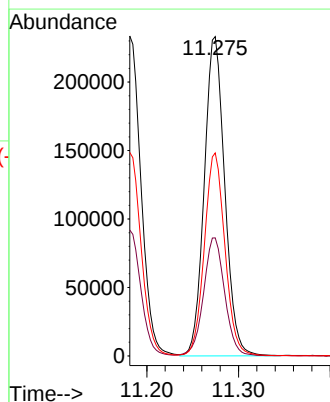
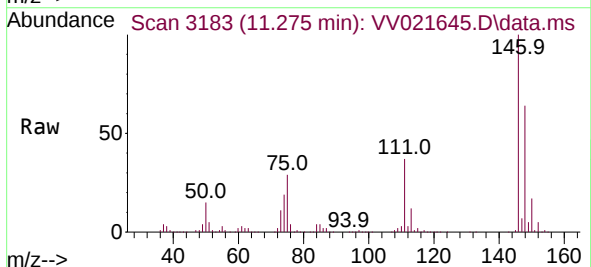
Instrument :
MSVOA_V
ClientSampled :

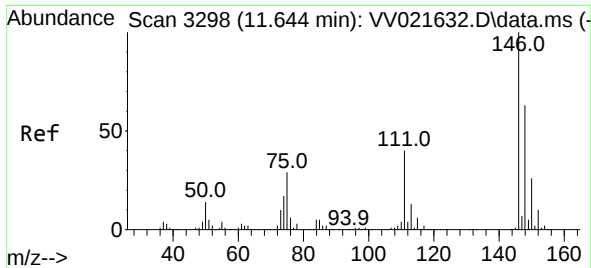
Tgt Ion:146 Resp: 361642
Ion Ratio Lower Upper
146 100
111 39.3 27.3 50.7
148 63.6 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 45.248 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:146 Resp: 362205
Ion Ratio Lower Upper
146 100
111 37.0 26.6 49.4
148 63.6 45.2 84.0

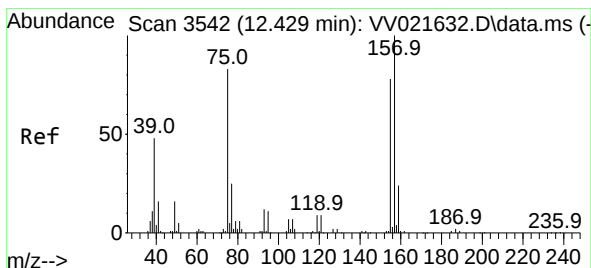
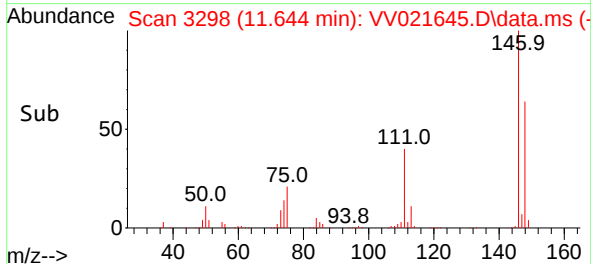
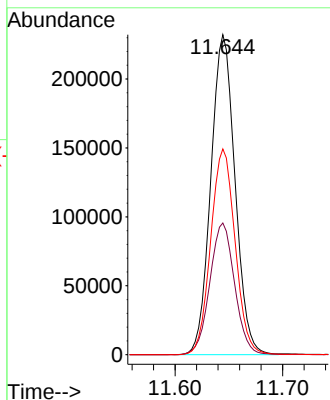
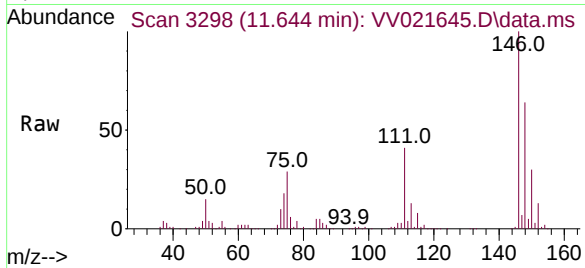




#67
1,2-Dichlorobenzene
Concen: 45.250 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

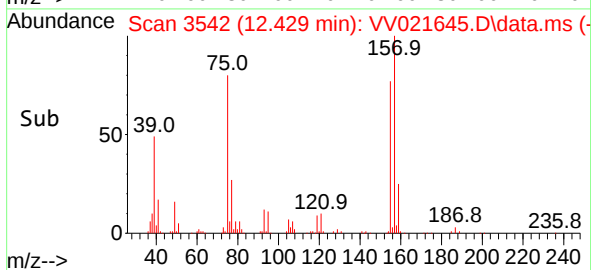
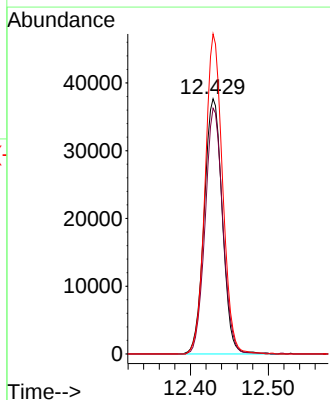
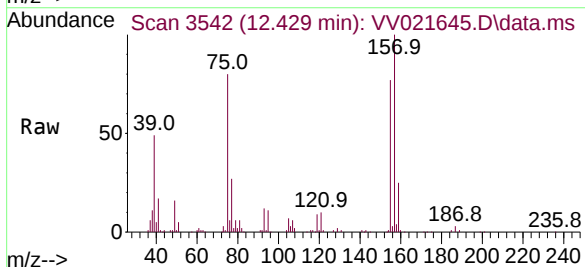
Instrument :
MSVOA_V
ClientSampleId :

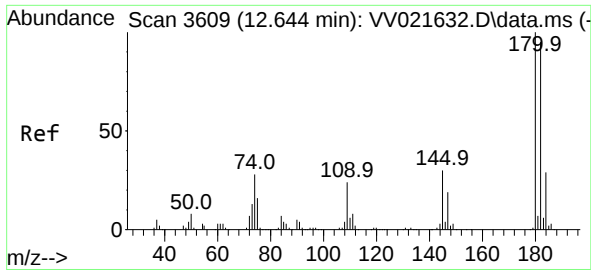
Tgt Ion:146 Resp: 363183
Ion Ratio Lower Upper
146 100
111 41.1 32.6 48.8
148 64.3 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 42.430 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion: 75 Resp: 60717
Ion Ratio Lower Upper
75 100
155 96.3 75.9 113.9
157 125.4 96.7 145.1

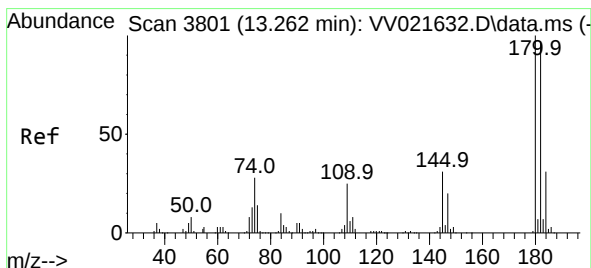
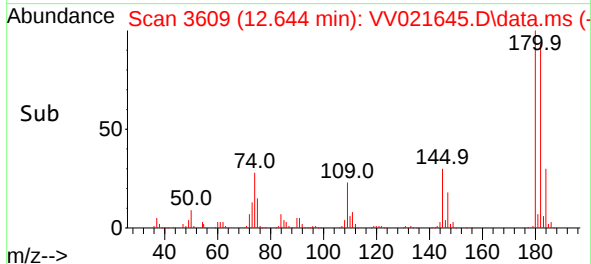
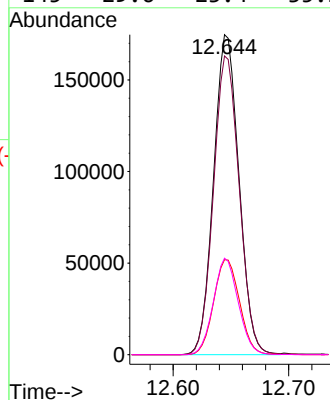
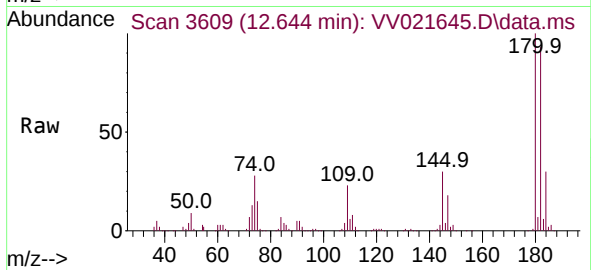




#69
1,3,5-Trichlorobenzene
Concen: 44.579 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

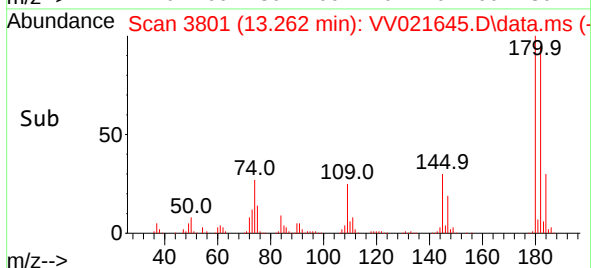
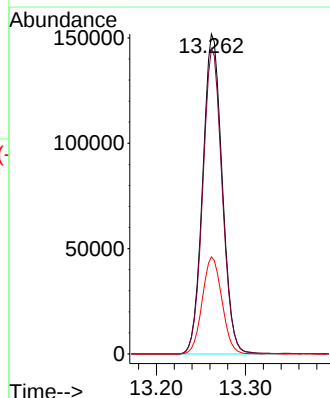
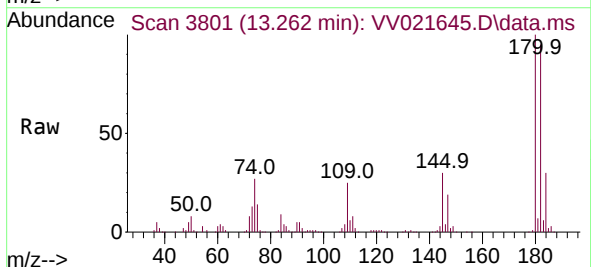
Instrument :
MSVOA_V
ClientSampleId :

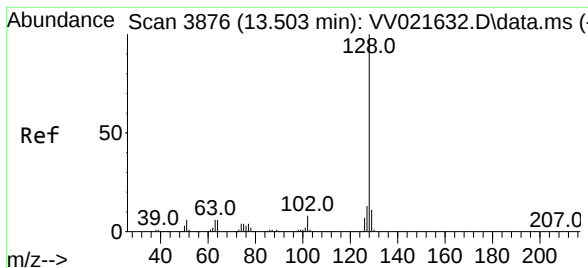
Tgt Ion:	180	Resp:	266806
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.0	112.4
184	30.3	23.8	35.6
145	29.6	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 44.701 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:	180	Resp:	230087
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.4	113.2
145	30.6	24.1	36.1

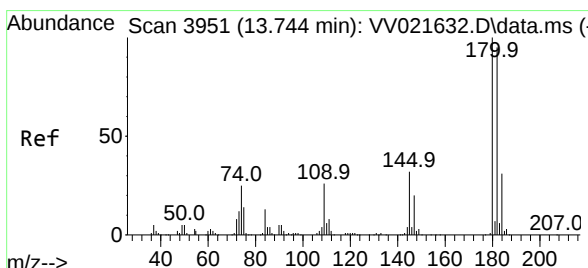
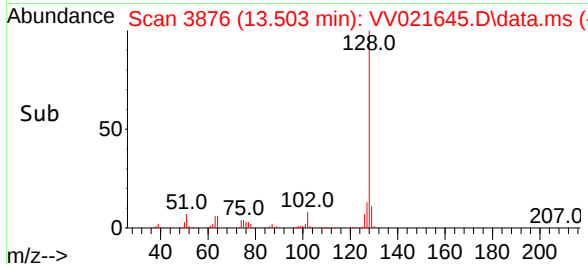
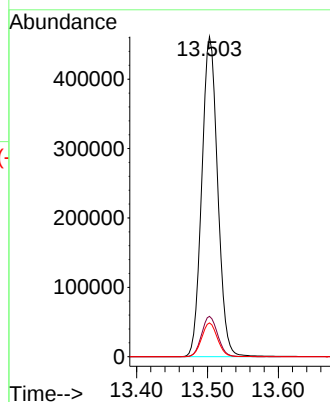
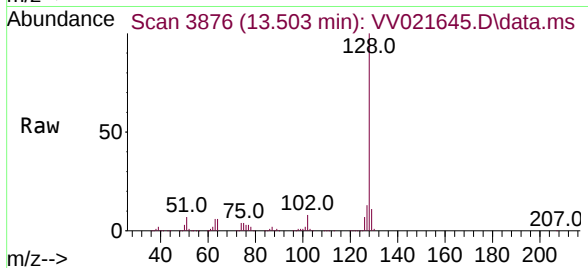




#71
Naphthalene
Concen: 45.754 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 717235
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 45.866 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021645.D
Acq: 13 Jul 2021 15:39

Tgt Ion:180 Resp: 233173
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 32.8 25.7 38.5

