

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021900.D
 Acq On : 19 Aug 2021 19:37
 Operator : SY/MD
 Sample : M3448-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG6MSD

Quant Time: Aug 20 02:19:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	454352	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	418409	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	221801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128715	36.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.558	69	104090	38.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.660%
11) 1,1-Dichloroethene-d2	2.105	63	219396	38.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.600%
21) 2-Butanone-d5	3.873	46	216663	98.078	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.080%
24) Chloroform-d	4.349	84	259503	42.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.340%
26) 1,2-Dichloroethane-d4	5.034	65	151784	42.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
32) Benzene-d6	5.050	84	524583	43.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.072	67	163238	43.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.140%
41) Toluene-d8	7.317	98	481104	43.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.622	79	75964	41.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.088	63	136795	111.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235720	50.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	198148	43.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143843	40.922	ug/L	99
3) Chloromethane	1.240	50	154226	42.248	ug/L	99
5) Vinyl chloride	1.307	62	152790	42.506	ug/L	99
6) Bromomethane	1.507	94	89252	41.310	ug/L	98
8) Chloroethane	1.574	64	94810	44.138	ug/L	99
9) Trichlorofluoromethane	1.748	101	214443	43.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	118036	41.860	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117176	43.628	ug/L	92
13) Acetone	2.159	43	121387	66.781	ug/L	# 100
14) Carbon disulfide	2.291	76	380320	42.085	ug/L	100
15) Methyl Acetate	2.426	43	146414	43.845	ug/L	97
16) Methylene chloride	2.503	84	156335	41.847	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	144833	45.955	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	453763	46.816	ug/L	100
19) 1,1-Dichloroethane	3.188	63	258643	46.103	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	159225	43.629	ug/L	100
22) 2-Butanone	3.960	43	227084	85.784	ug/L	97
23) Bromochloromethane	4.249	128	84415	43.598	ug/L	96
25) Chloroform	4.375	83	262614	43.504	ug/L	99

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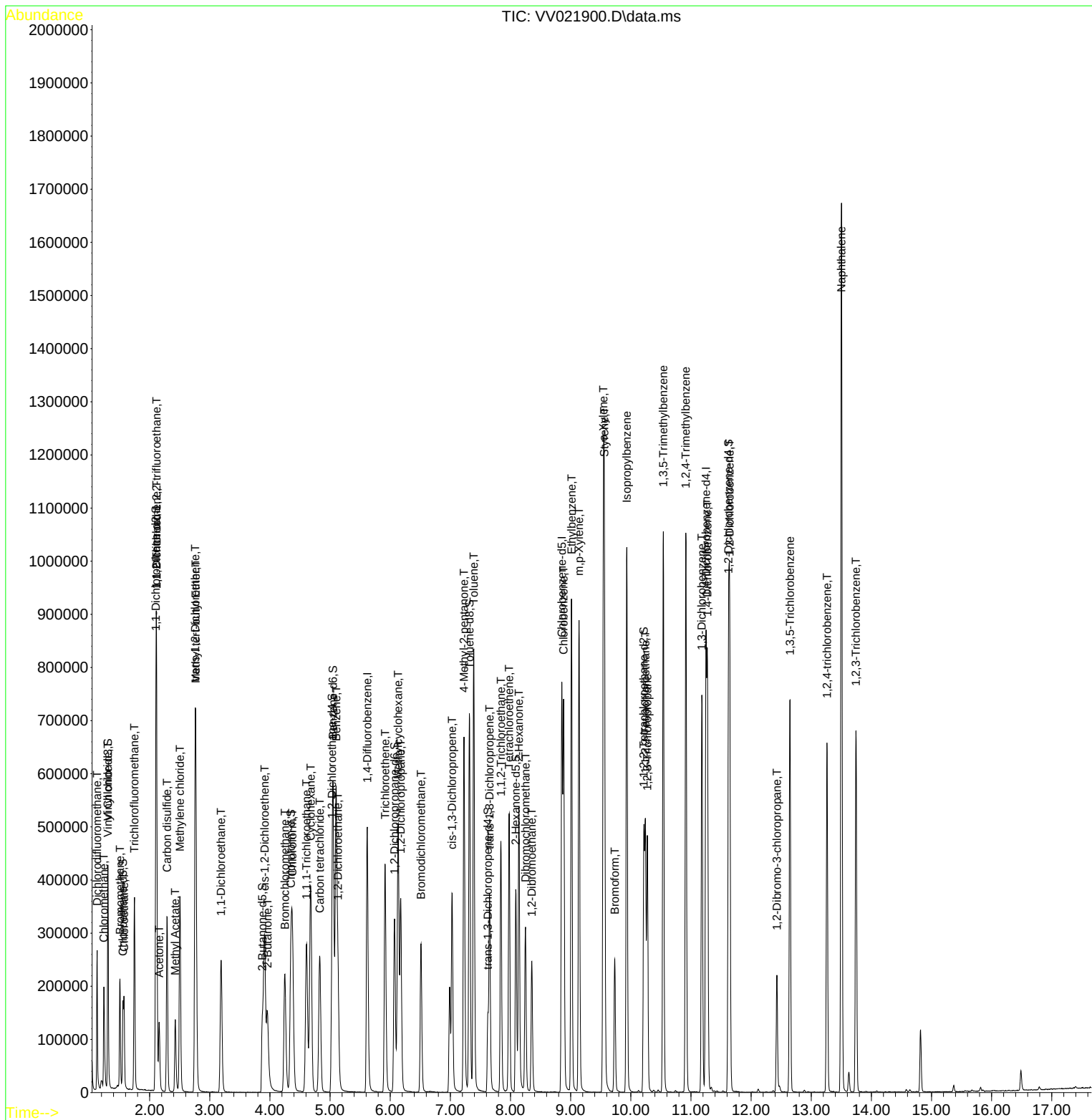
Instrument :
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 ClientSampleId :
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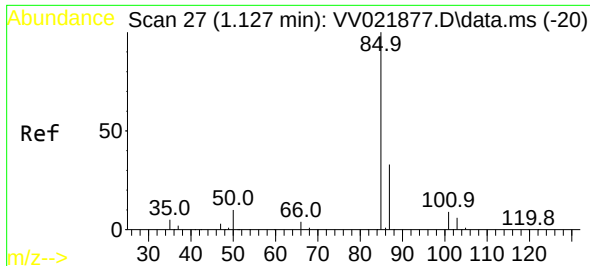
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	185434	43.599	ug/L	100
29) Cyclohexane	4.677	56	226596	43.973	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	234807	44.848	ug/L	99
31) Carbon tetrachloride	4.831	117	198354	43.784	ug/L	100
33) Benzene	5.101	78	583587	45.325	ug/L	100
34) Trichloroethene	5.915	95	150061	40.556	ug/L	98
35) Methylcyclohexane	6.133	83	232039	42.985	ug/L	99
37) 1,2-Dichloropropane	6.175	63	148820	45.647	ug/L	99
38) Bromodichloromethane	6.513	83	191245	44.506	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	234505	45.424	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	433267	96.609	ug/L	99
42) Toluene	7.391	91	624892	45.441	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	216489	44.498	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	150112	45.962	ug/L	100
46) Tetrachloroethene	7.979	164	120843	43.946	ug/L	99
48) 2-Hexanone	8.140	43	334784	96.371	ug/L	99
49) Dibromochloromethane	8.249	129	161870	44.889	ug/L	98
50) 1,2-Dibromoethane	8.352	107	163608	46.033	ug/L	97
51) Chlorobenzene	8.882	112	405757	45.191	ug/L	99
52) Ethylbenzene	9.014	91	663879	45.251	ug/L	98
53) m,p-Xylene	9.140	106	256299	45.076	ug/L	99
54) o-Xylene	9.545	106	260799	46.273	ug/L	98
55) Styrene	9.561	104	428806	45.434	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	241734	53.167	ug/L	100
59) Bromoform	9.735	173	116318	44.115	ug/L	100
60) Isopropylbenzene	9.934	105	675698	45.440	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189448	46.219	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	564702	45.253	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	581948	45.866	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	319732	44.400	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	316280	44.001	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	325733	44.839	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	49969	50.141	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	231601	44.369	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	204395	46.688	ug/L	99
71) Naphthalene	13.503	128	1318254	103.663	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	212726	48.369	ug/L	100

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

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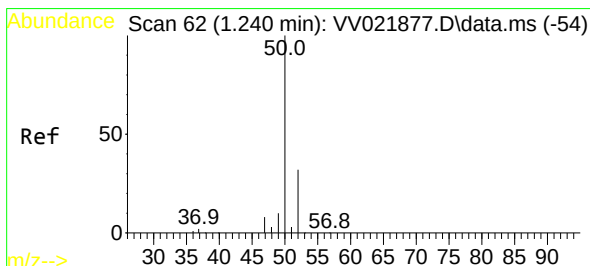
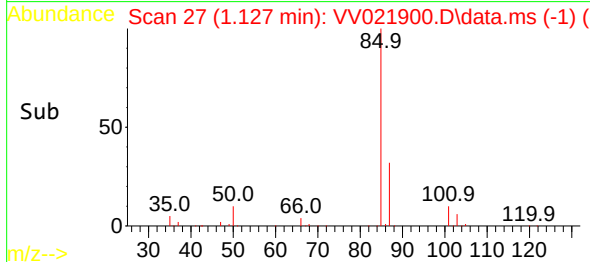
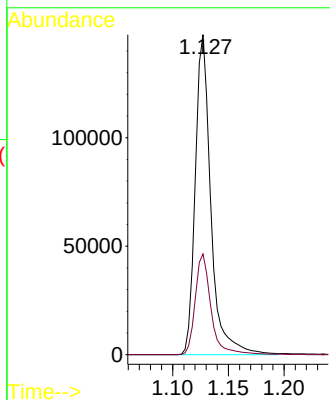
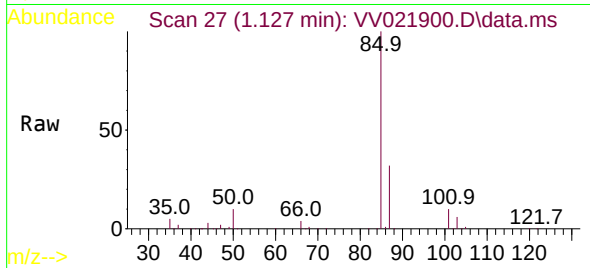




#2
Dichlorodifluoromethane
Concen: 40.922 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

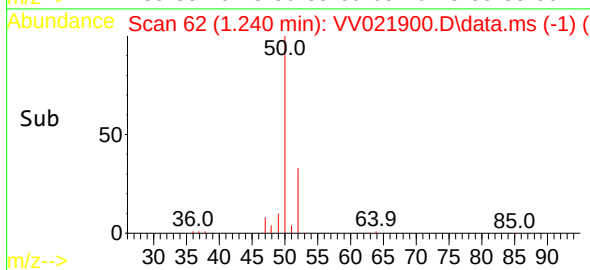
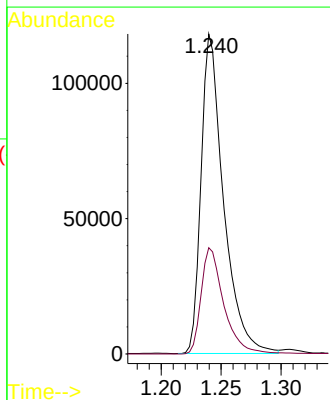
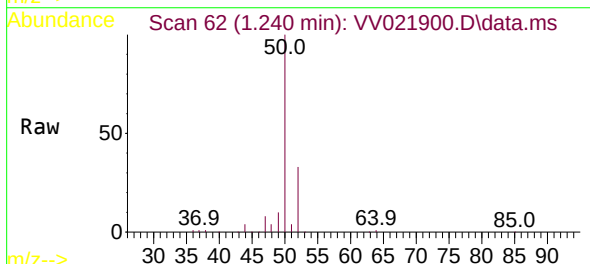
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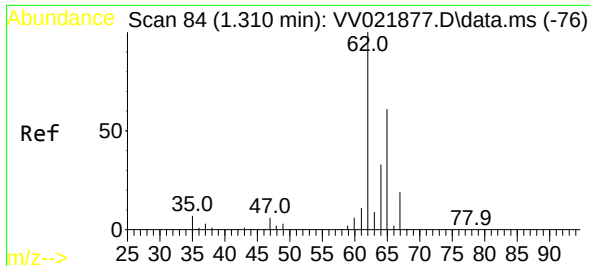
Tgt Ion: 85 Resp: 143843
Ion Ratio Lower Upper
85 100
87 31.8 26.1 39.1



#3
Chloromethane
Concen: 42.248 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 50 Resp: 154226
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1

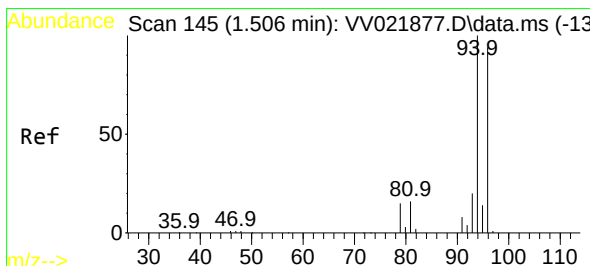
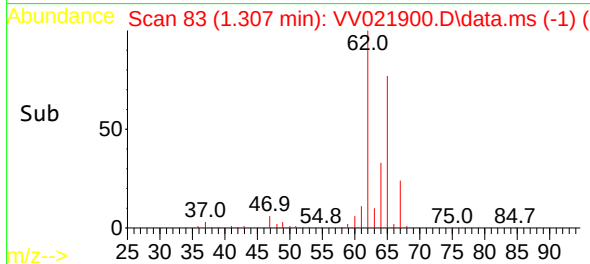
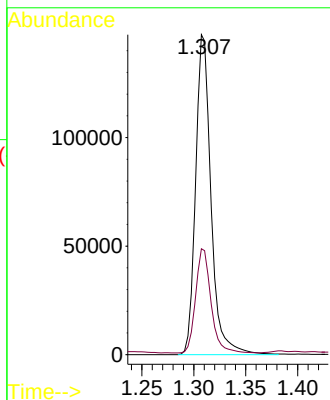
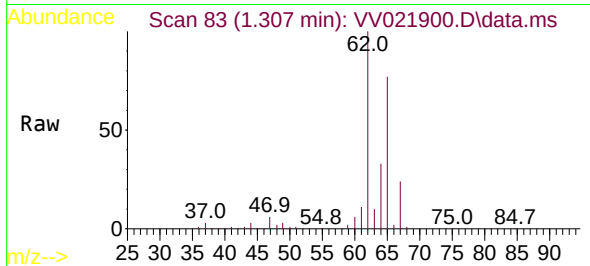




#5
 Vinyl chloride
 Concen: 42.506 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021900.D
 Acq: 19 Aug 2021 19:37

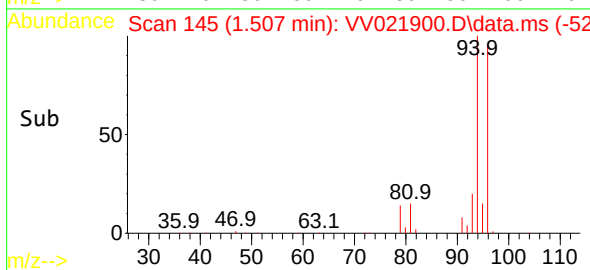
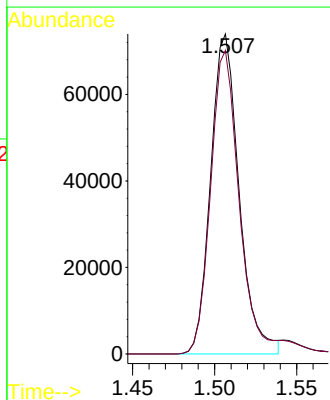
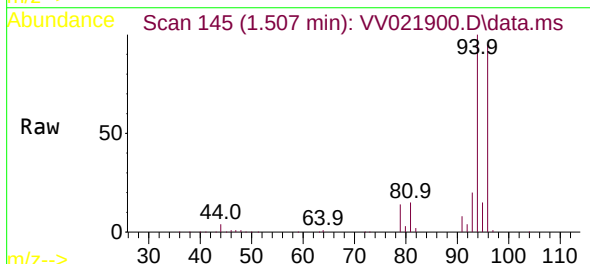
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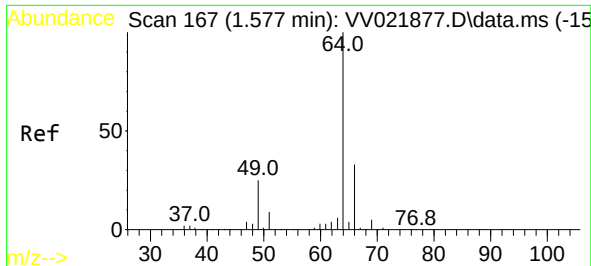
Tgt Ion: 62 Resp: 152790
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 41.310 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021900.D
 Acq: 19 Aug 2021 19:37

Tgt Ion: 94 Resp: 89252
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.8 120.3

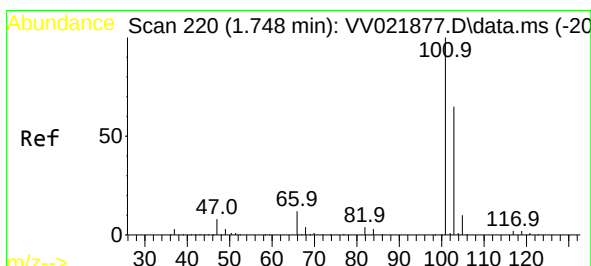
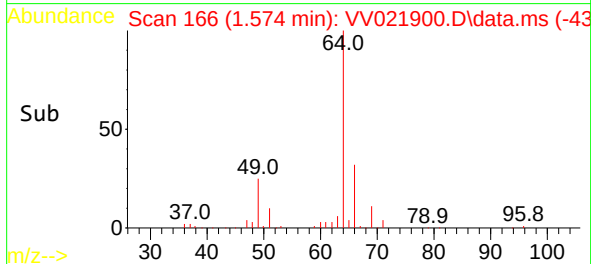
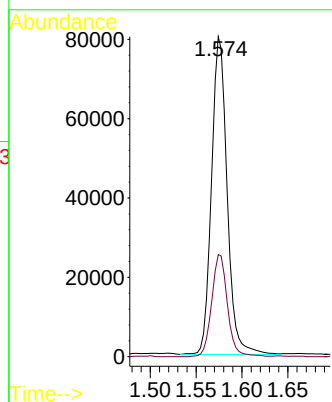
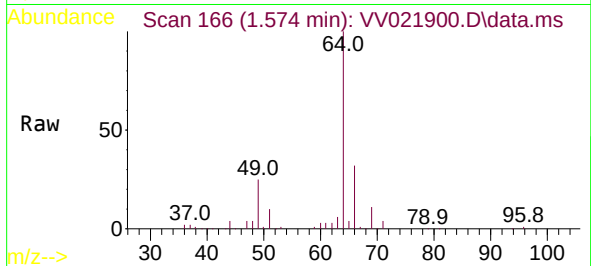




#8
Chloroethane
Concen: 44.138 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

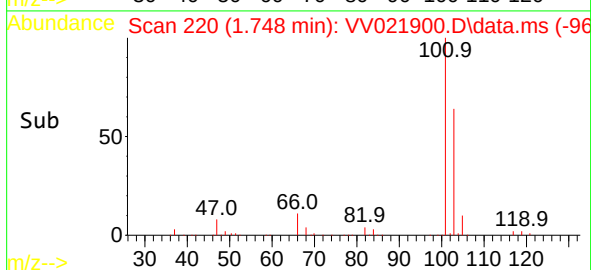
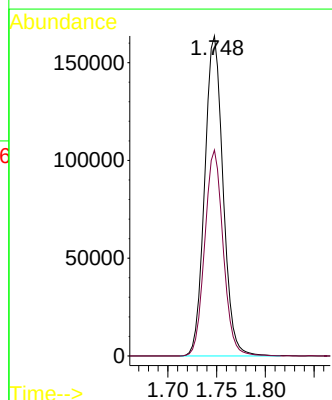
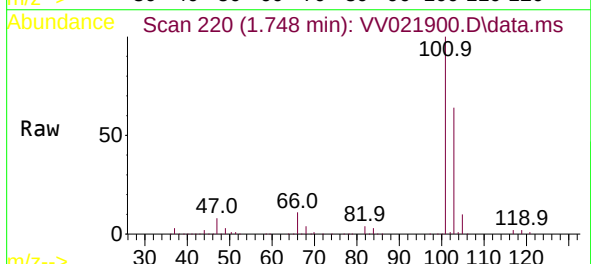
Instrument :
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ClientSampleId :
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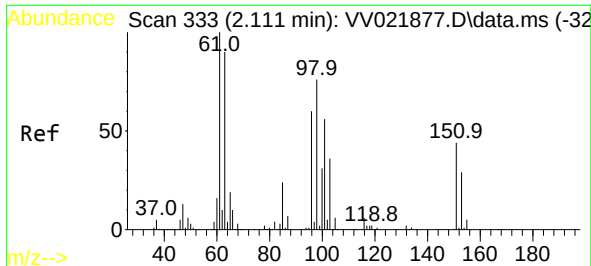
Tgt Ion: 64 Resp: 94810
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 43.541 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion:101 Resp: 214443
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

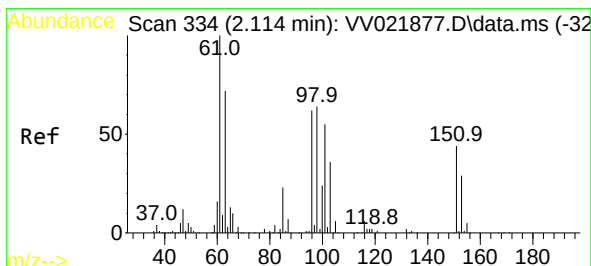
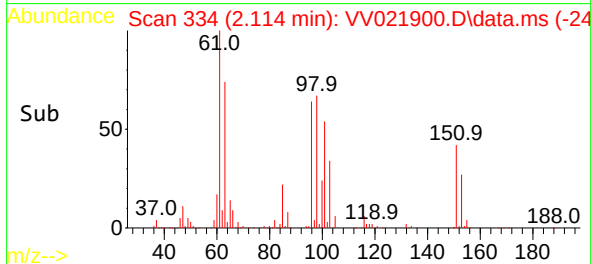
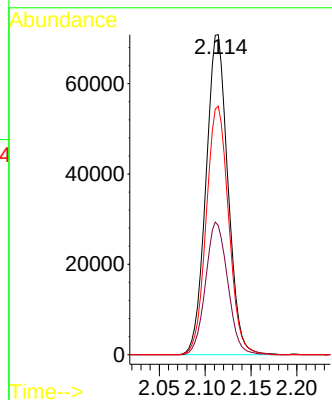
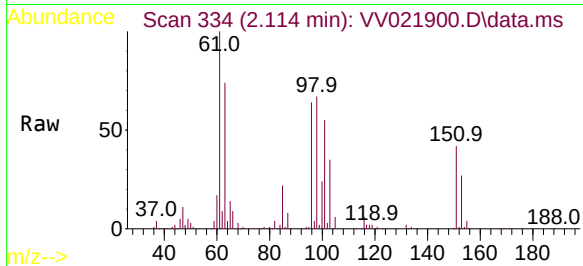




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.860 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

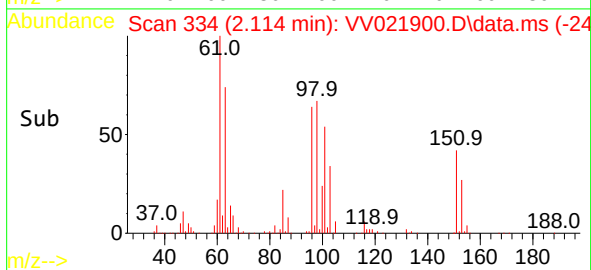
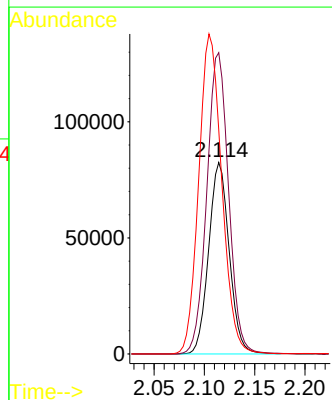
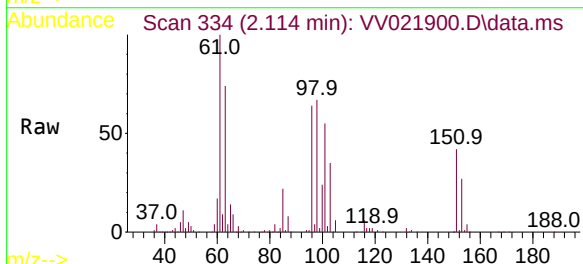
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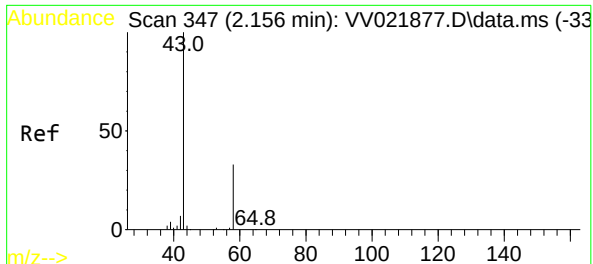
Tgt Ion:101 Resp: 118036
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.2
151 79.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 43.628 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 96 Resp: 117176
Ion Ratio Lower Upper
96 100
61 157.3 115.5 214.5
63 116.9 90.3 167.7

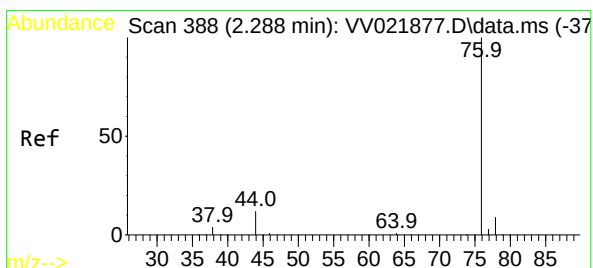
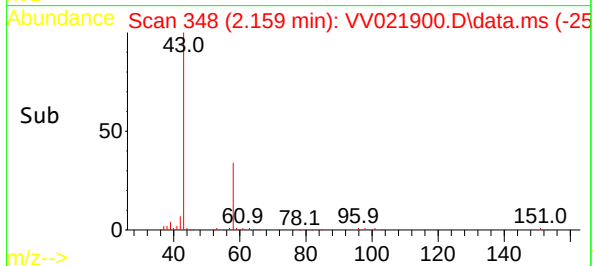
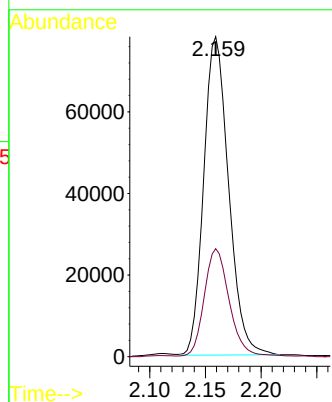
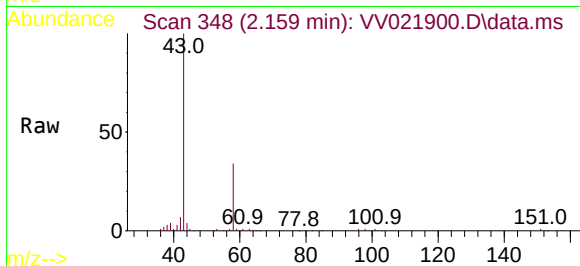




#13
Acetone
Concen: 66.781 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

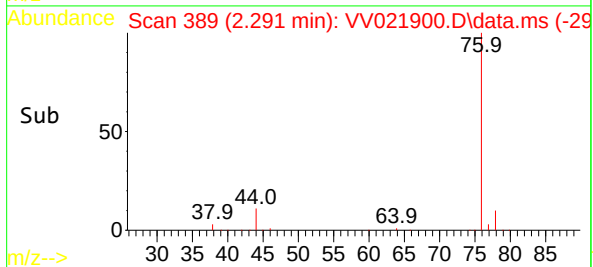
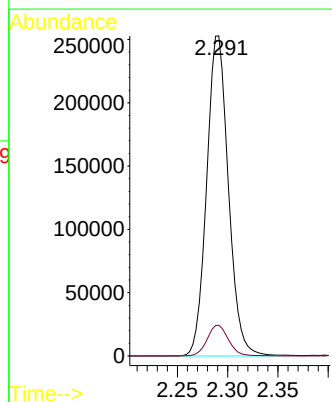
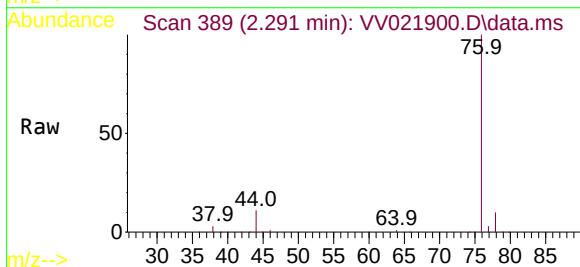
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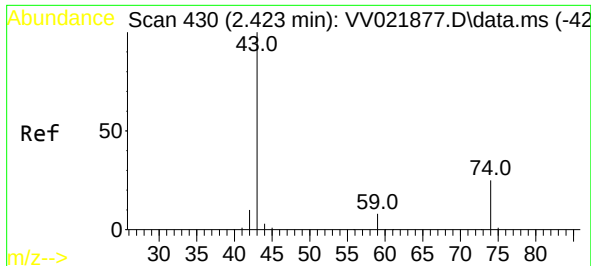
Tgt Ion: 43 Resp: 121387
Ion Ratio Lower Upper
43 100
58 34.3 0.0 0.0#



#14
Carbon disulfide
Concen: 42.085 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021900.D
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Tgt Ion: 76 Resp: 380320
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

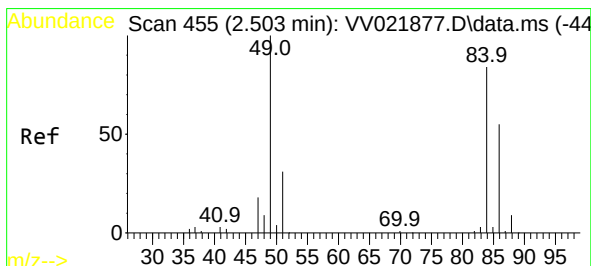
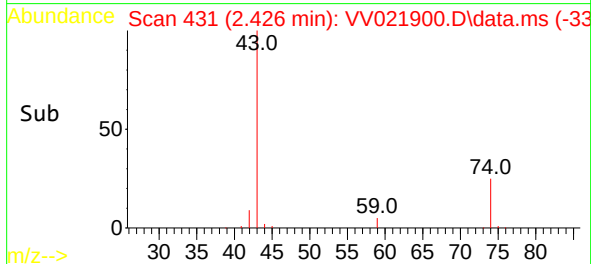
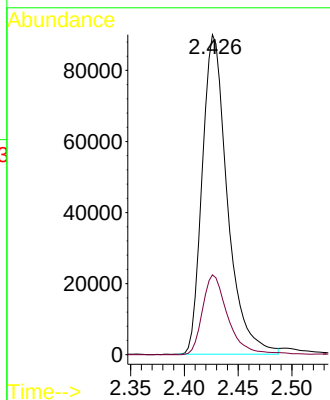
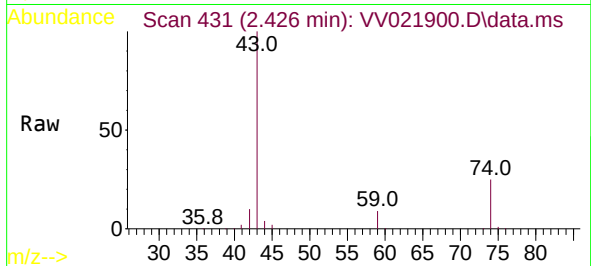




#15
Methyl Acetate
Concen: 43.845 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

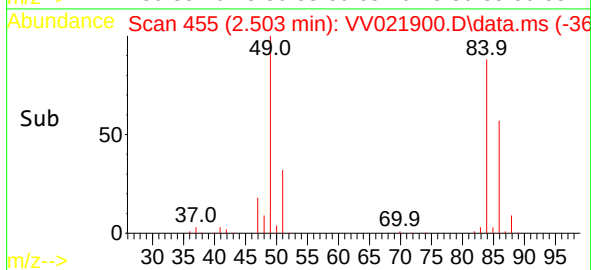
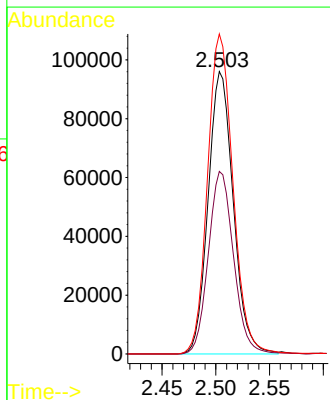
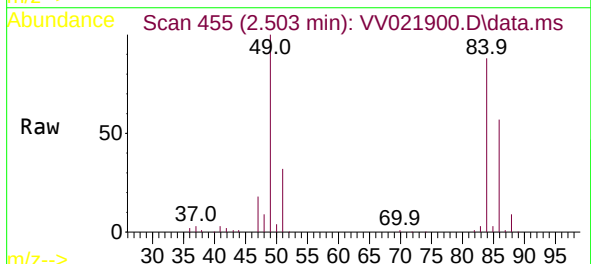
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

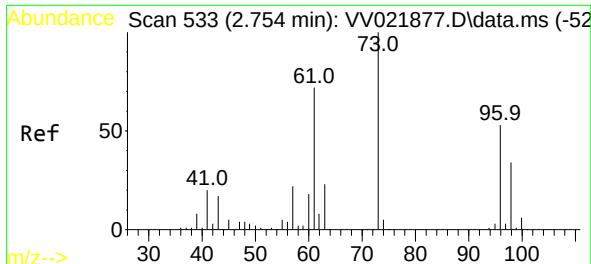
Tgt Ion: 43 Resp: 146414
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6



#16
Methylene chloride
Concen: 41.847 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 84 Resp: 156335
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 113.3 82.5 153.3

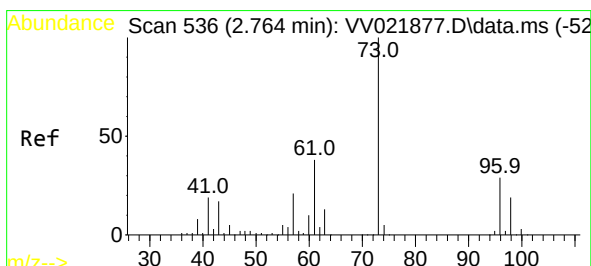
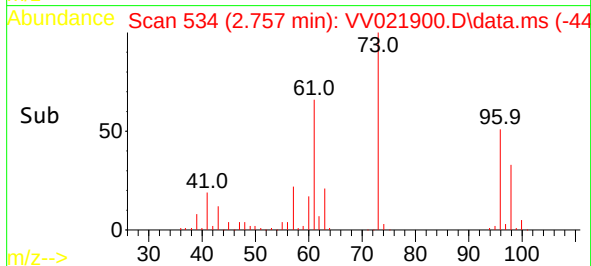
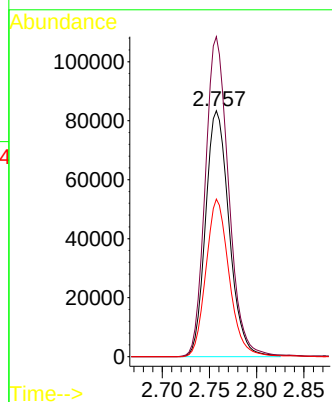
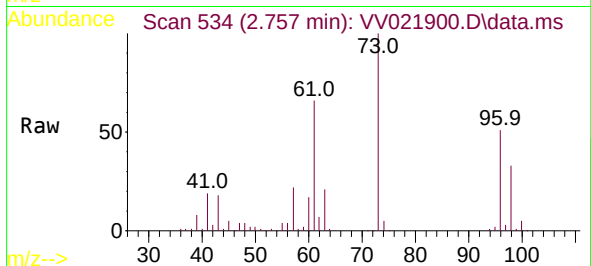




#17
trans-1,2-Dichloroethene
Concen: 45.955 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

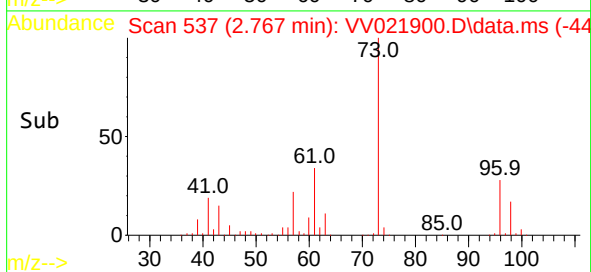
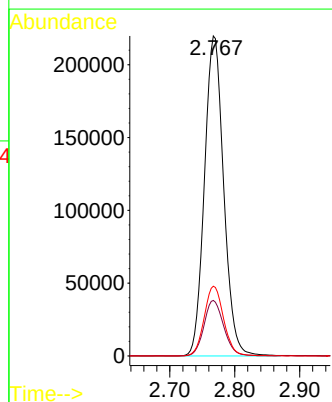
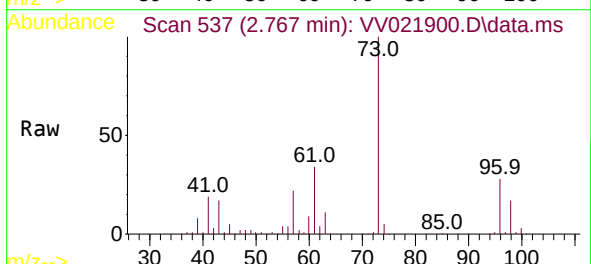
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

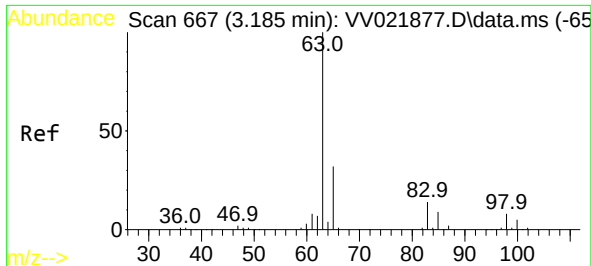
Tgt Ion: 96 Resp: 144833
Ion Ratio Lower Upper
96 100
61 130.1 90.4 168.0
98 64.1 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 46.816 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 73 Resp: 453763
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.4
57 22.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 46.103 ug/L

RT: 3.188 min Scan# 668

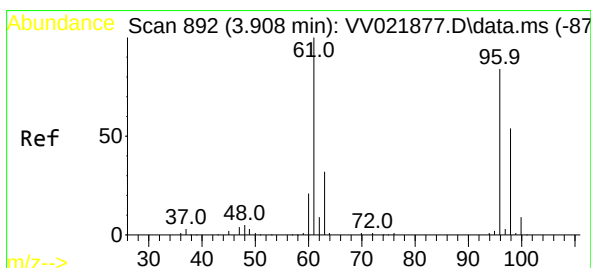
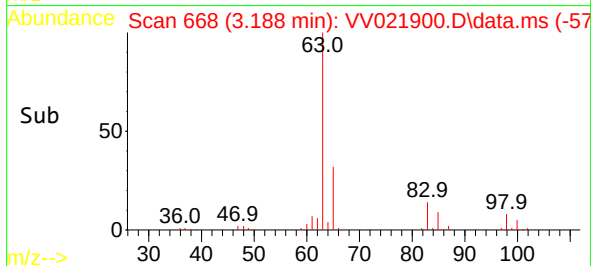
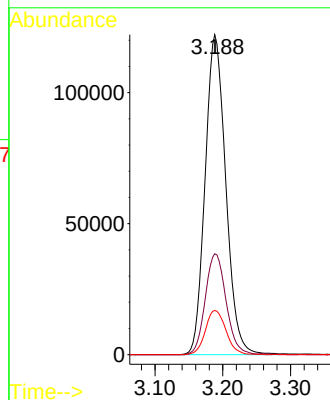
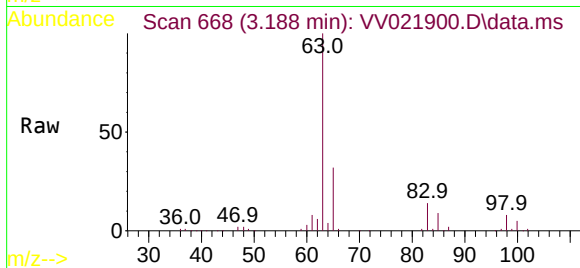
Delta R.T. 0.003 min

Lab File: VV021900.D

Acq: 19 Aug 2021 19:37

Tgt Ion: 63 Resp: 258643

Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.8	40.6
83	13.8	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 43.629 ug/L

RT: 3.912 min Scan# 893

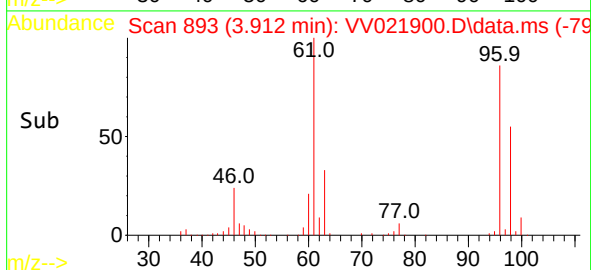
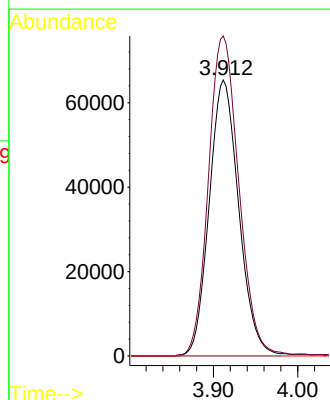
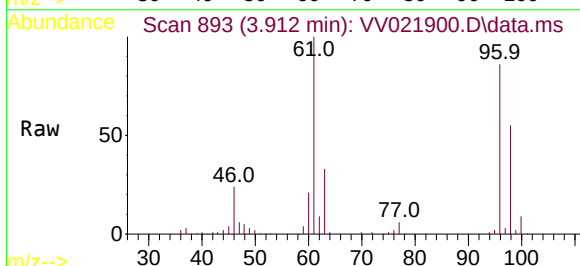
Delta R.T. 0.003 min

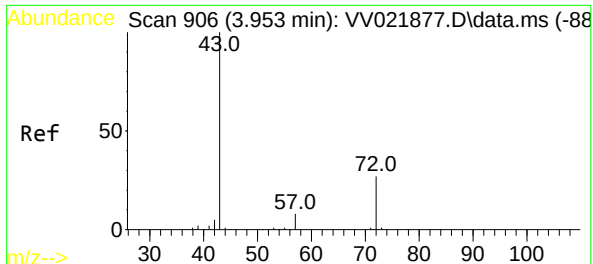
Lab File: VV021900.D

Acq: 19 Aug 2021 19:37

Tgt Ion: 96 Resp: 159225

Ion	Ratio	Lower	Upper
96	100		
61	115.9	81.0	150.4
68	0.0	0.0	0.0

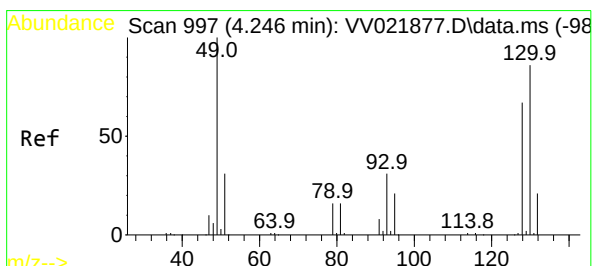
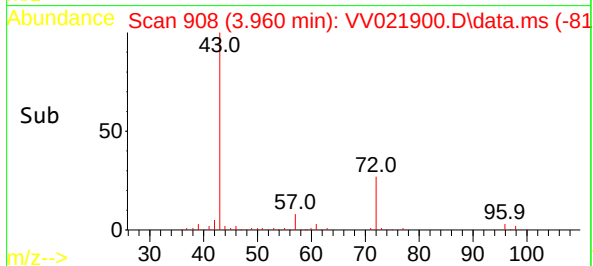
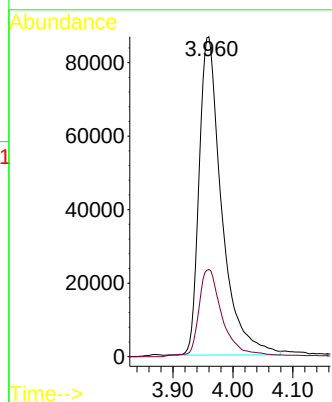
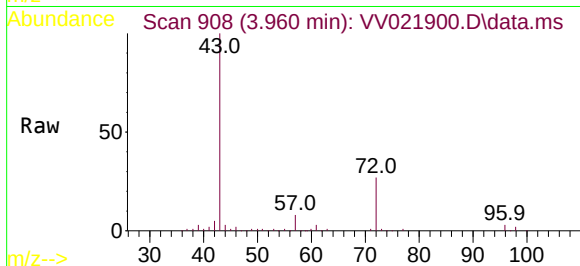




#22
2-Butanone
Concen: 85.784 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.007 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

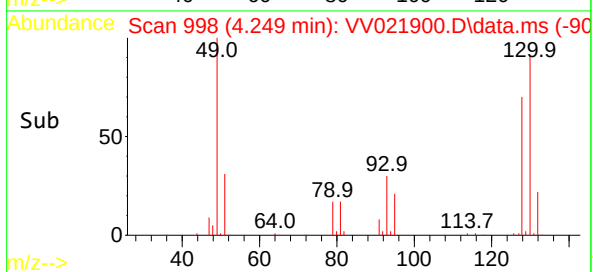
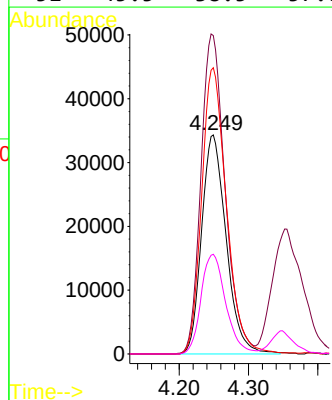
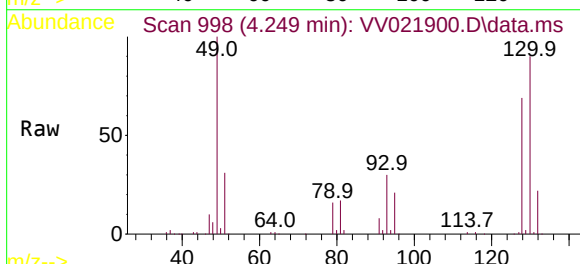
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

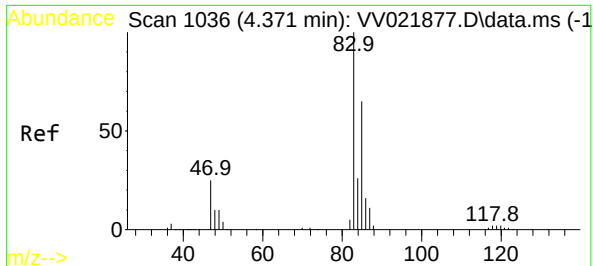
Tgt Ion: 43 Resp: 227084
Ion Ratio Lower Upper
43 100
72 29.0 13.6 40.8



#23
Bromochloromethane
Concen: 43.598 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 128 Resp: 84415
Ion Ratio Lower Upper
128 100
49 145.4 105.6 196.0
130 130.6 89.5 166.1
51 45.5 38.5 57.7





#25

Chloroform

Concen: 43.504 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV021900.D

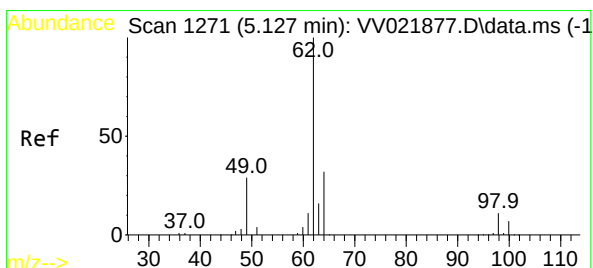
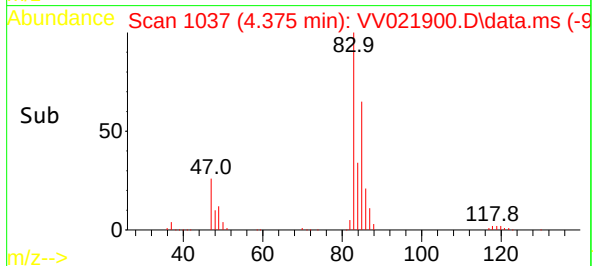
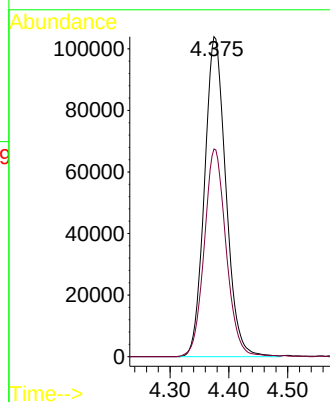
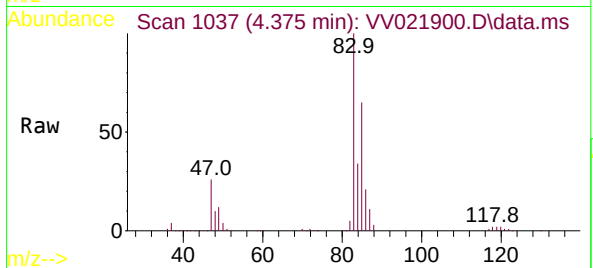
Acq: 19 Aug 2021 19:37

Tgt Ion: 83 Resp: 262614

Ion Ratio Lower Upper

83 100

85 64.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 43.599 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021900.D

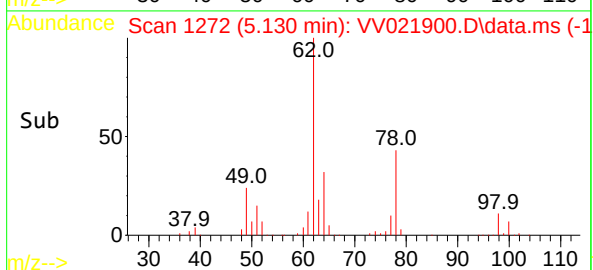
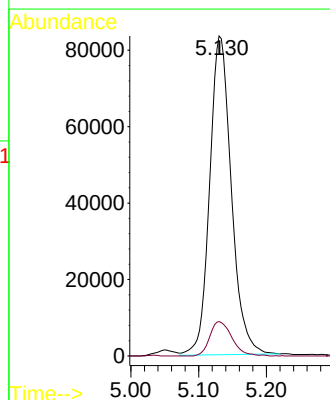
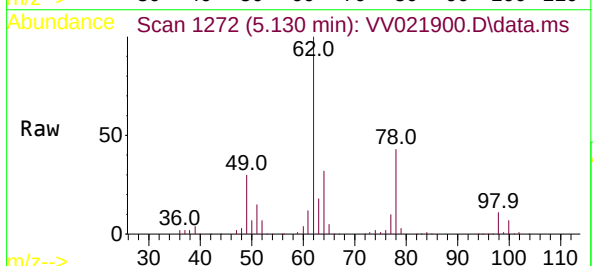
Acq: 19 Aug 2021 19:37

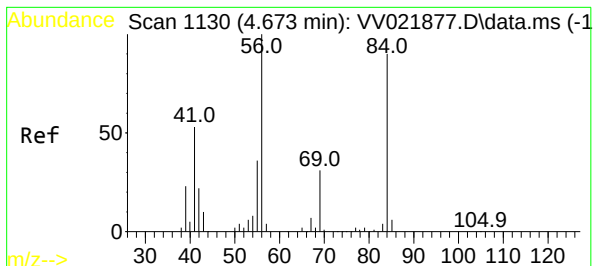
Tgt Ion: 62 Resp: 185434

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0

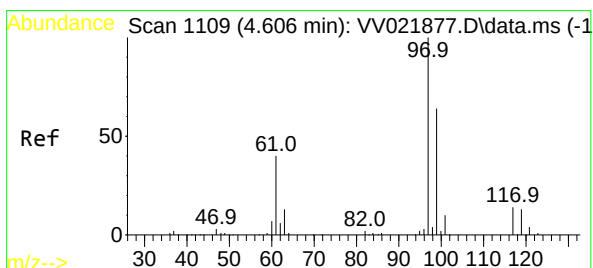
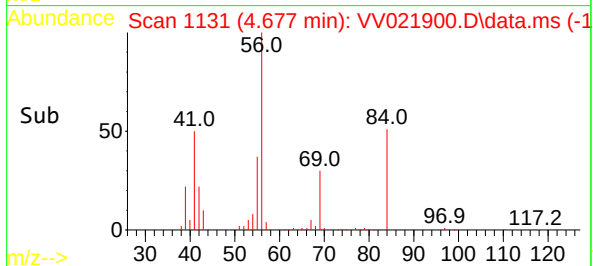
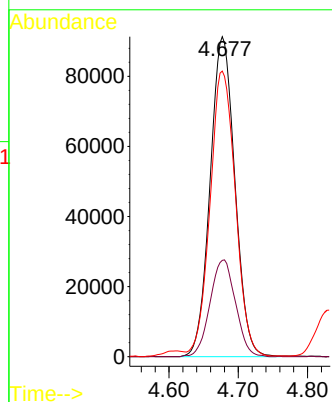
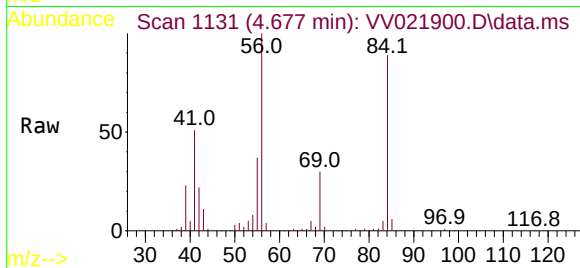




#29
Cyclohexane
Concen: 43.973 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

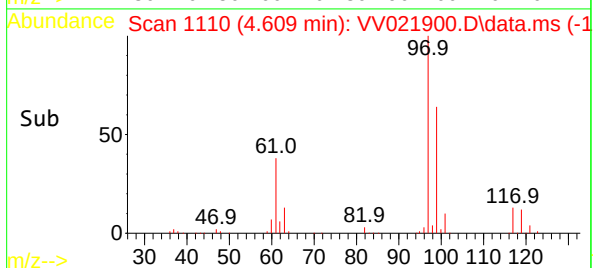
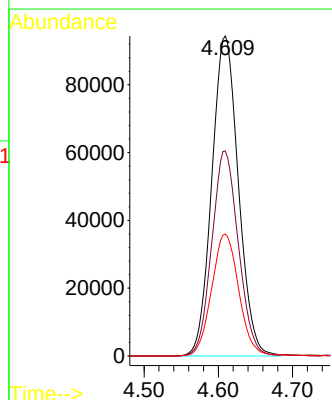
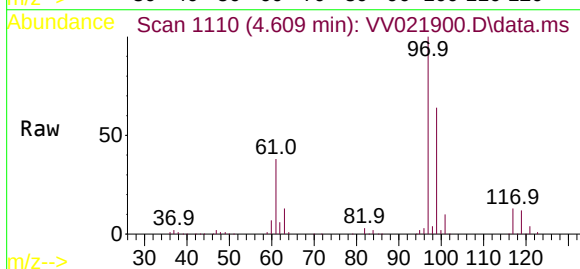
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

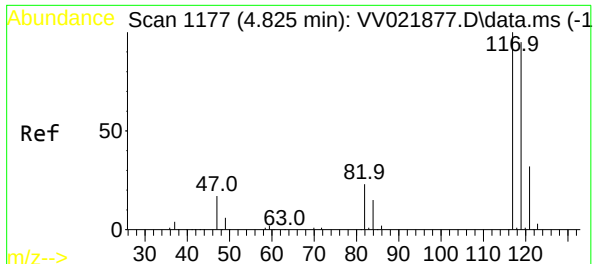
Tgt Ion: 56 Resp: 226596
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 90.9 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 44.848 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 97 Resp: 234807
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 39.1 32.3 48.5

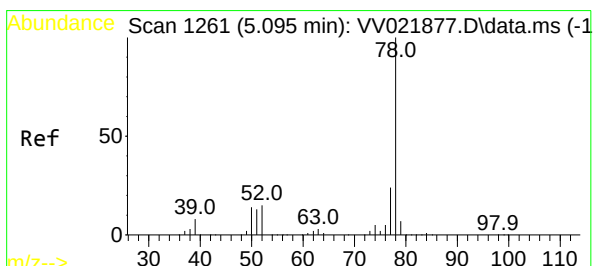
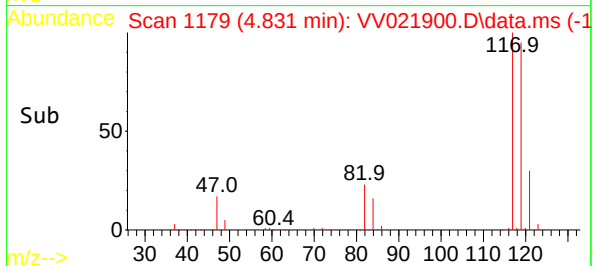
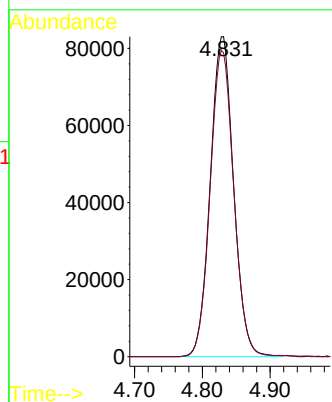
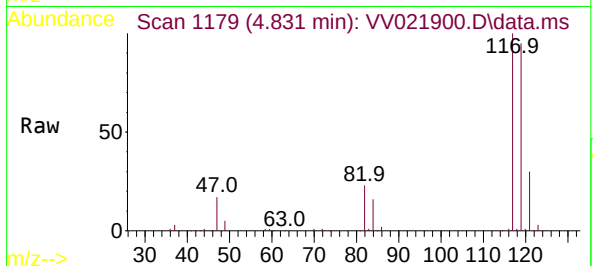




#31
Carbon tetrachloride
Concen: 43.784 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

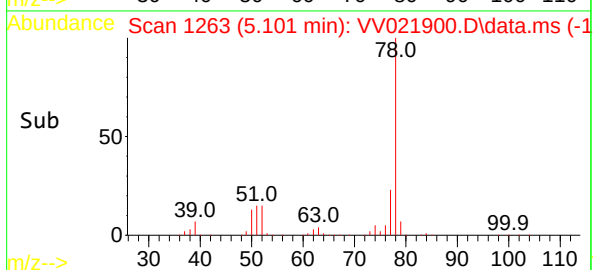
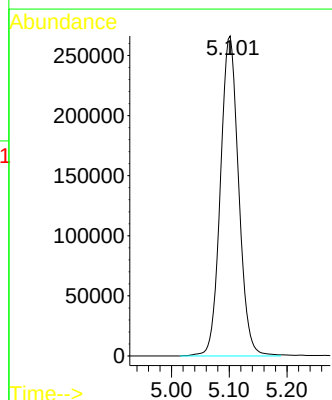
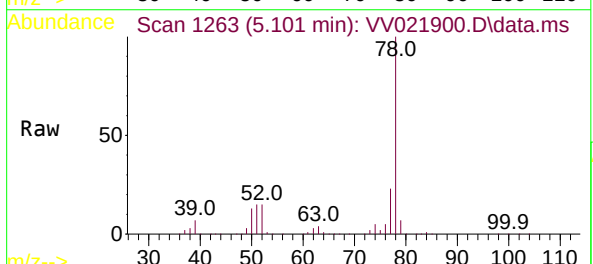
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

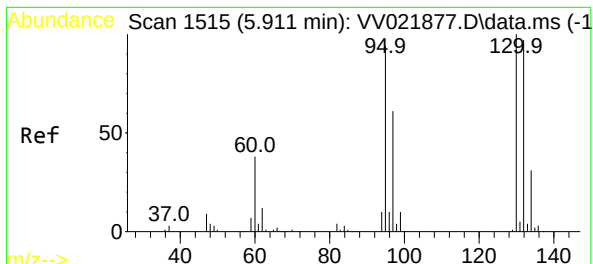
Tgt Ion:117 Resp: 198354
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7



#33
Benzene
Concen: 45.325 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 78 Resp: 583587

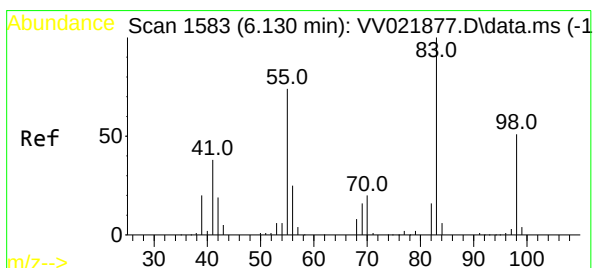
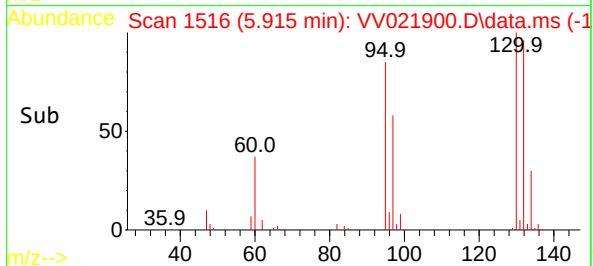
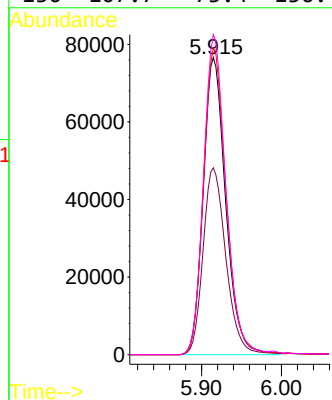
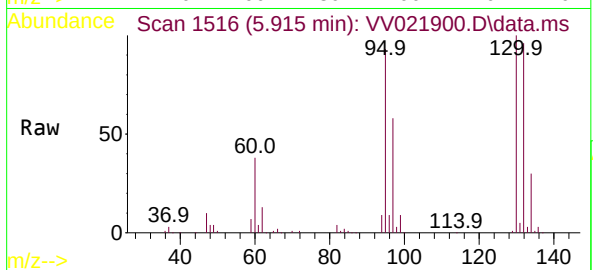




#34
Trichloroethene
Concen: 40.556 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

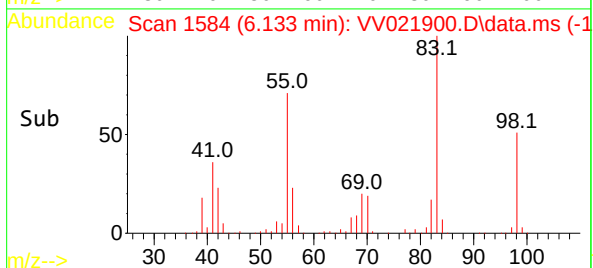
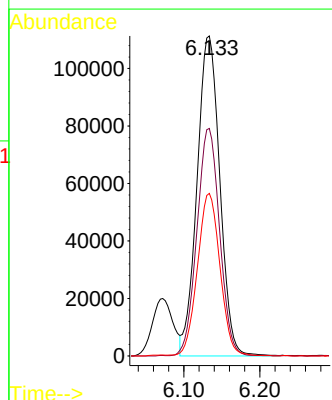
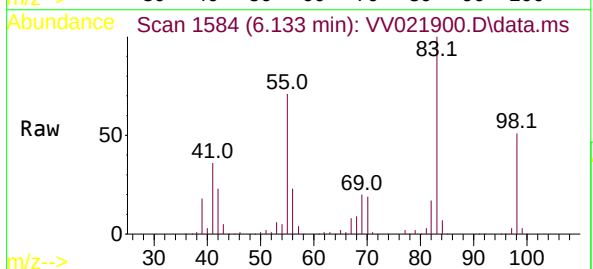
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

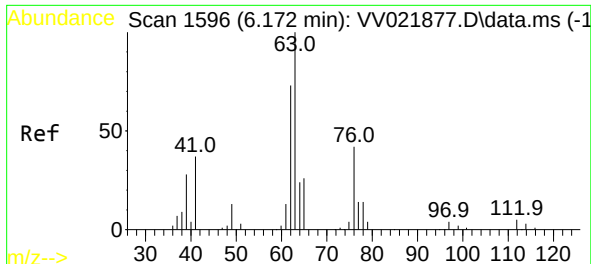
Tgt Ion: 95 Resp: 150061
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 103.2 70.2 130.4
130 107.7 73.4 136.4



#35
Methylcyclohexane
Concen: 42.985 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 83 Resp: 232039
Ion Ratio Lower Upper
83 100
55 70.5 57.9 86.9
98 50.2 39.9 59.9

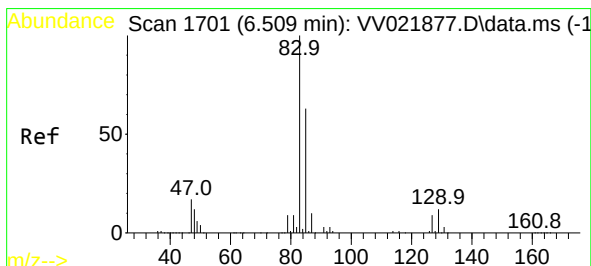
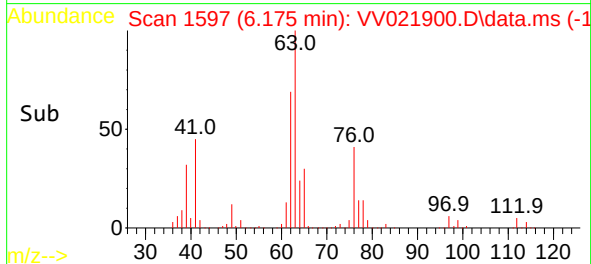
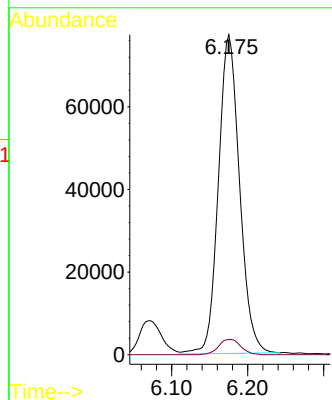
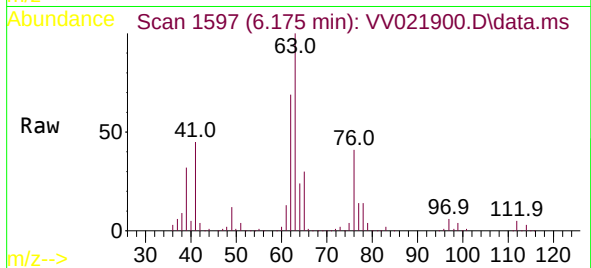




#37
1,2-Dichloropropane
Concen: 45.647 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

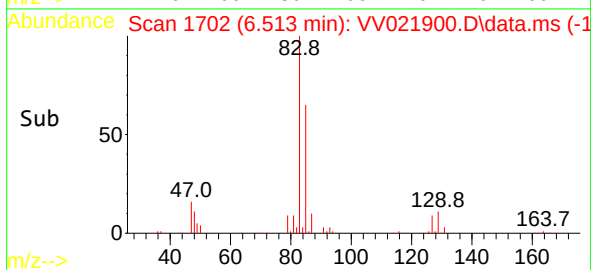
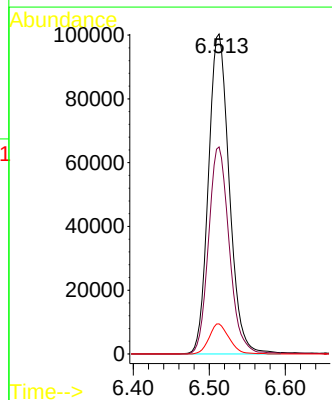
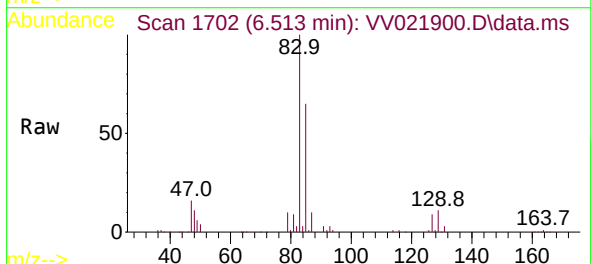
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

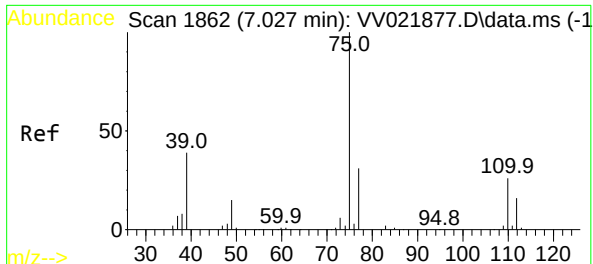
Tgt Ion: 63 Resp: 148820
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 44.506 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 83 Resp: 191245
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9
127 9.4 7.4 11.2

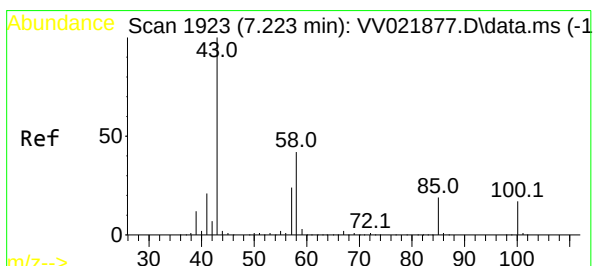
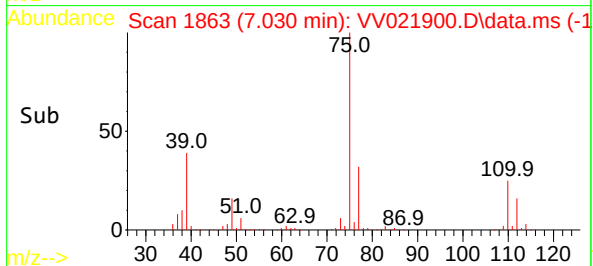
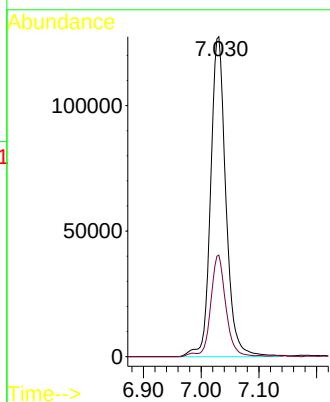
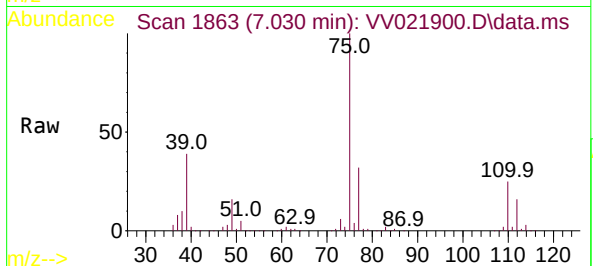




#39
 cis-1,3-Dichloropropene
 Concen: 45.424 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021900.D
 Acq: 19 Aug 2021 19:37

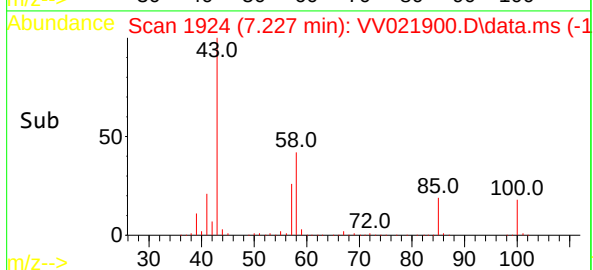
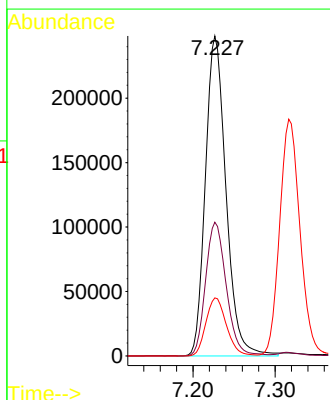
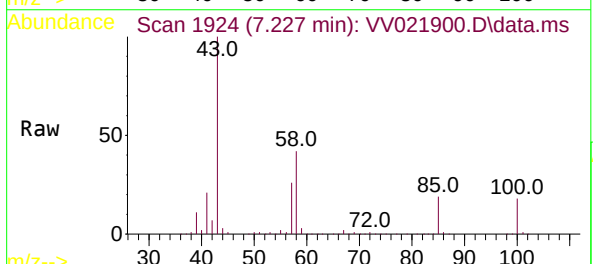
Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG6MSD

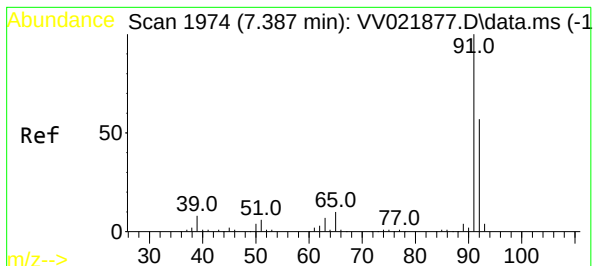
Tgt Ion: 75 Resp: 234505
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 96.609 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021900.D
 Acq: 19 Aug 2021 19:37

Tgt Ion: 43 Resp: 433267
 Ion Ratio Lower Upper
 43 100
 58 42.0 32.9 49.3
 100 18.1 14.0 21.0





#42

Toluene

Concen: 45.441 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021900.D

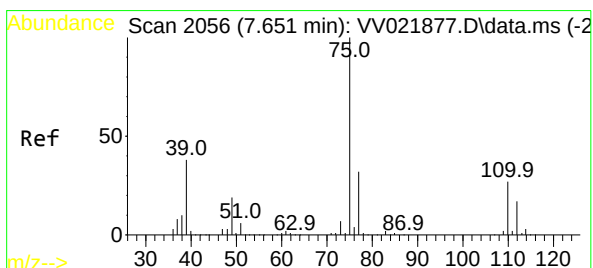
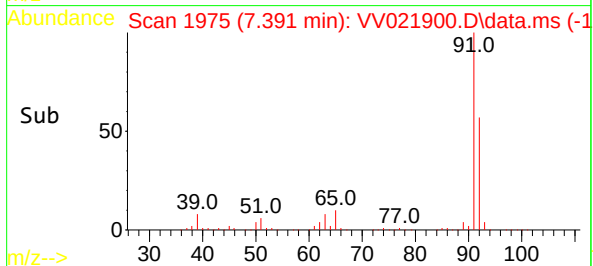
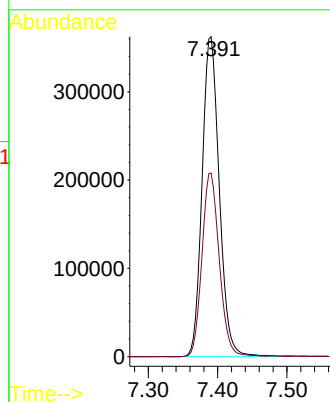
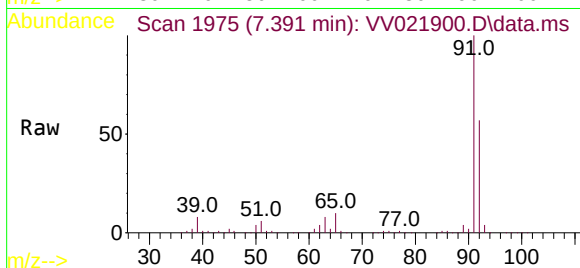
Acq: 19 Aug 2021 19:37

Tgt Ion: 91 Resp: 624892

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 44.498 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021900.D

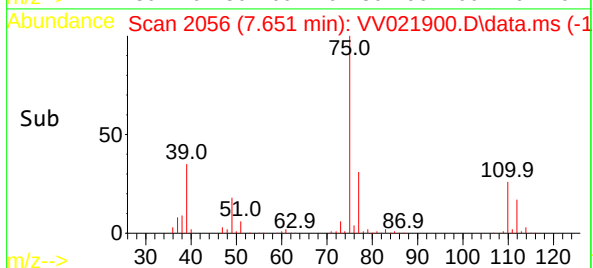
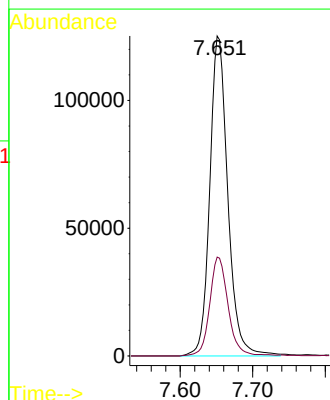
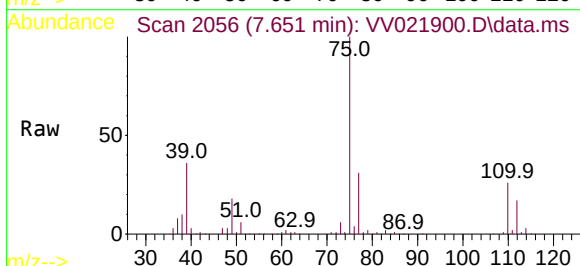
Acq: 19 Aug 2021 19:37

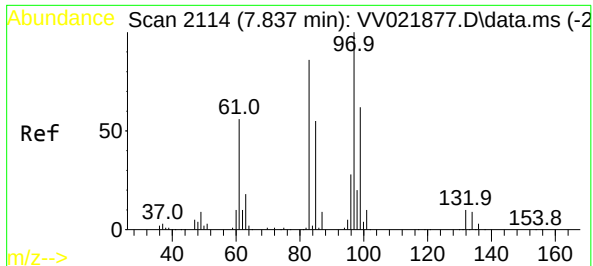
Tgt Ion: 75 Resp: 216489

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2





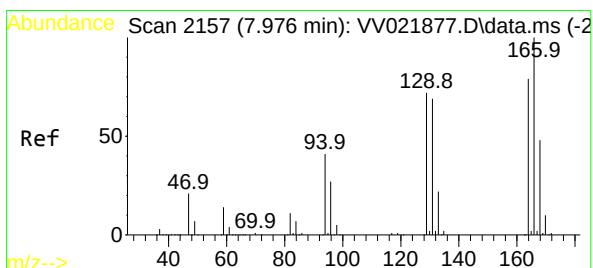
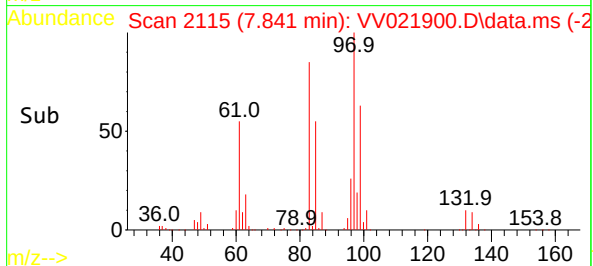
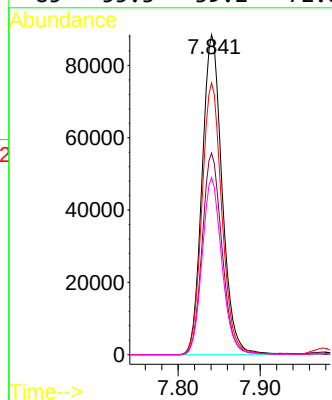
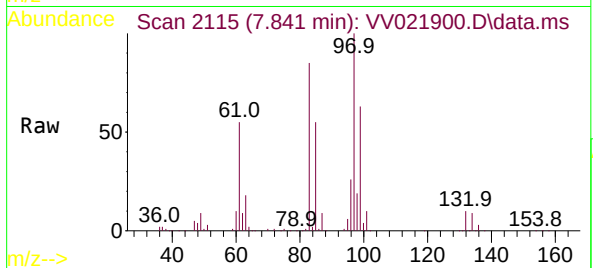
#45

1,1,2-Trichloroethane
Concen: 45.962 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

Tgt Ion: 97 Resp: 150112

Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.2	82.0
83	84.9	59.2	110.0
85	55.3	39.2	72.8

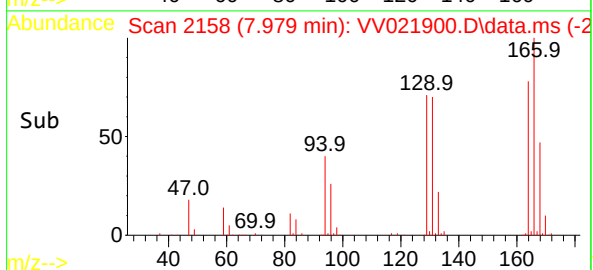
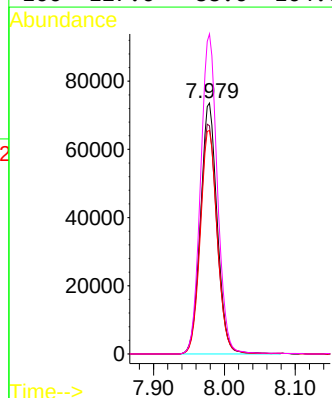
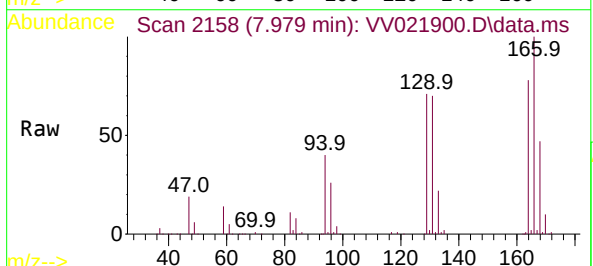


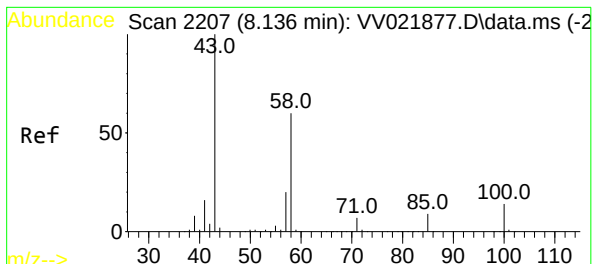
#46

Tetrachloroethene
Concen: 43.946 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 164 Resp: 120843

Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.7	118.3
131	89.1	61.5	114.3
166	127.6	88.6	164.6



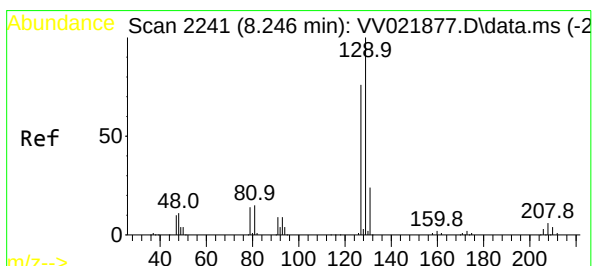
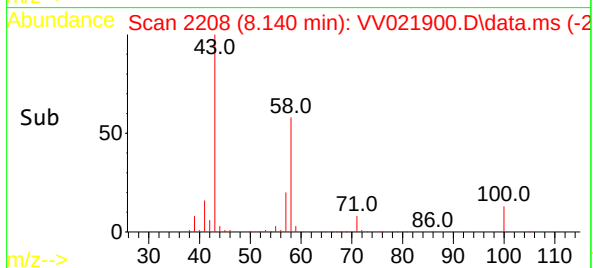
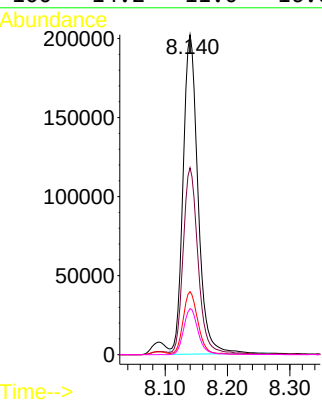
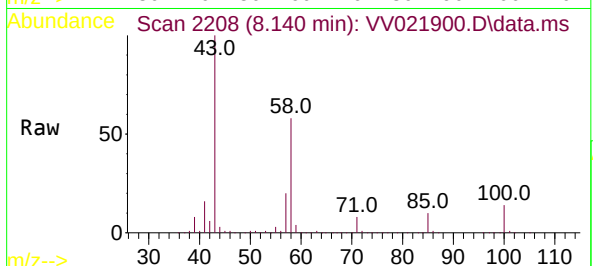


#48
2-Hexanone
Concen: 96.371 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

Tgt Ion: 43 Resp: 334784

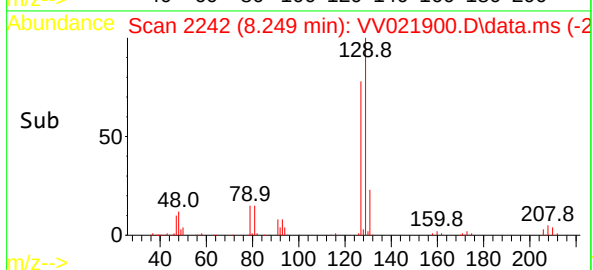
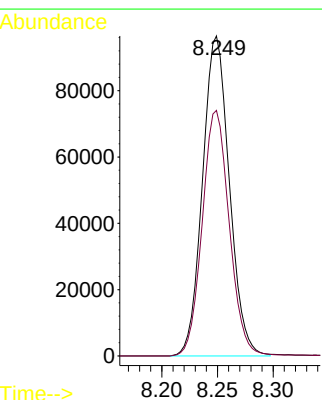
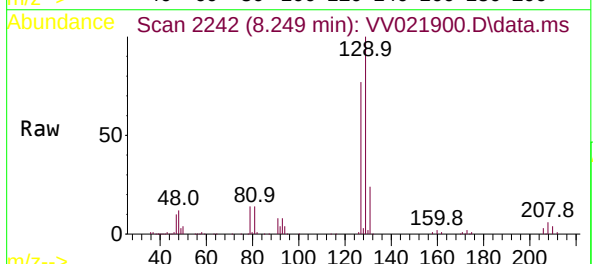
Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.4	68.2
57	18.8	15.3	22.9
100	14.2	11.0	16.6

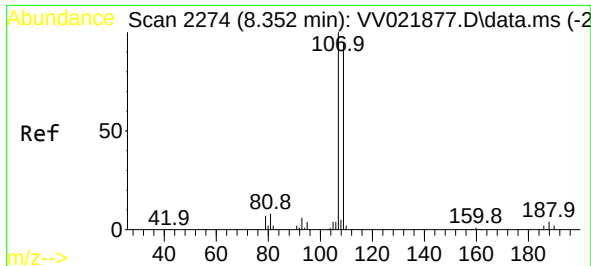


#49
Dibromochloromethane
Concen: 44.889 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 129 Resp: 161870

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.9	101.9





#50

1,2-Dibromoethane

Concen: 46.033 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV021900.D

Acq: 19 Aug 2021 19:37

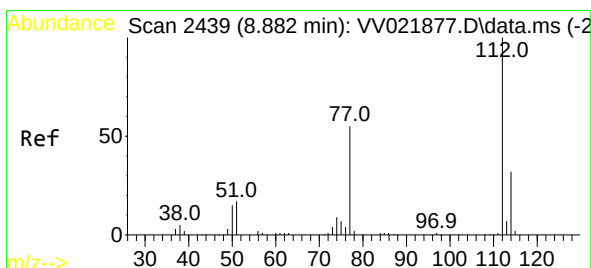
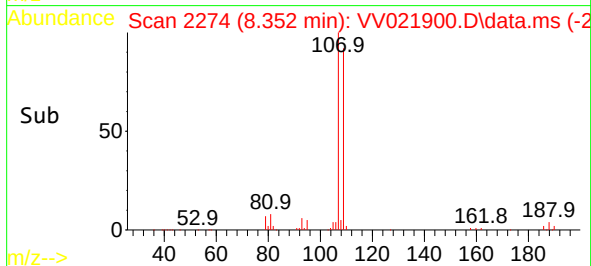
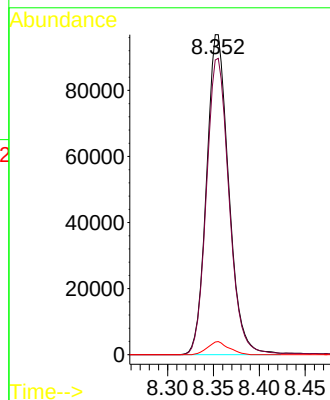
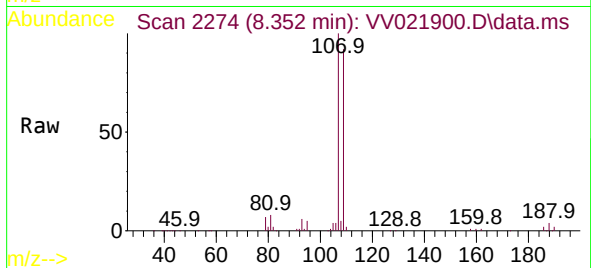
Tgt Ion:107 Resp: 163608

Ion Ratio Lower Upper

107 100

109 92.1 66.3 123.1

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 45.191 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021900.D

Acq: 19 Aug 2021 19:37

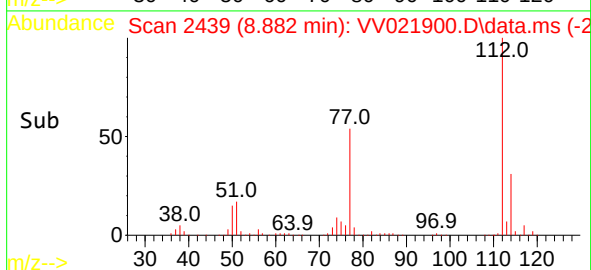
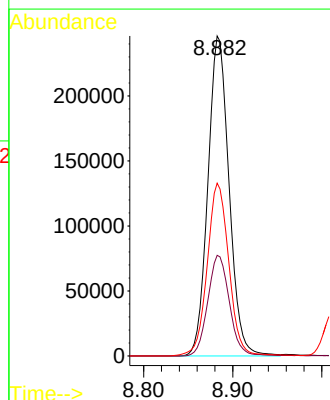
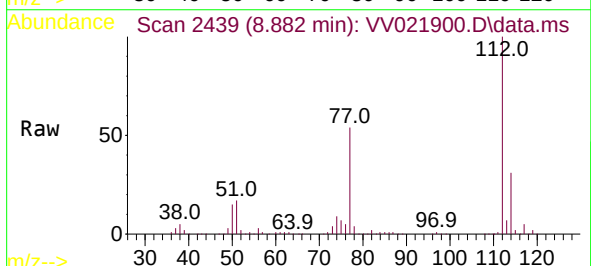
Tgt Ion:112 Resp: 405757

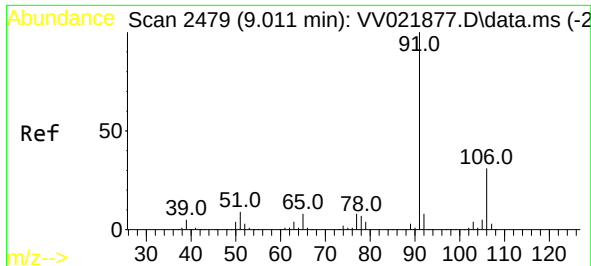
Ion Ratio Lower Upper

112 100

114 31.4 22.2 41.2

77 54.0 43.7 65.5

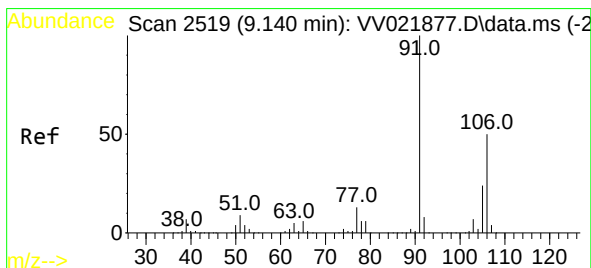
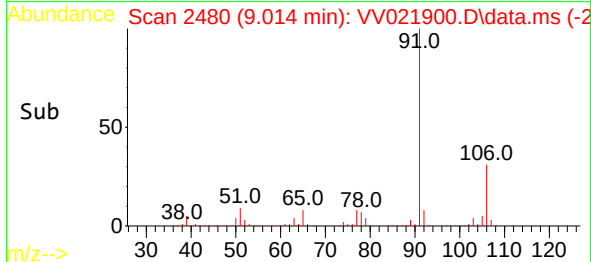
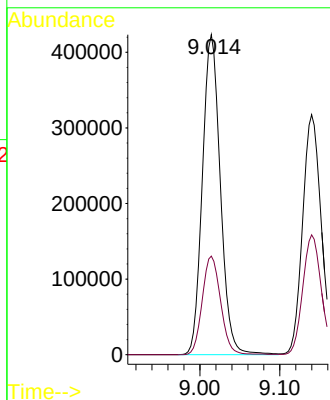
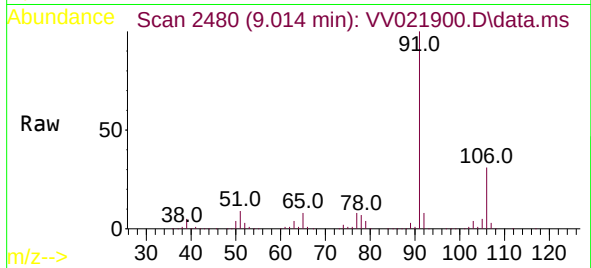




#52
Ethylbenzene
Concen: 45.251 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

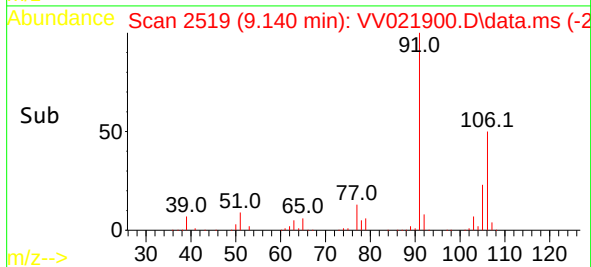
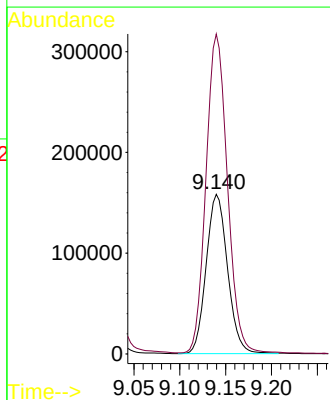
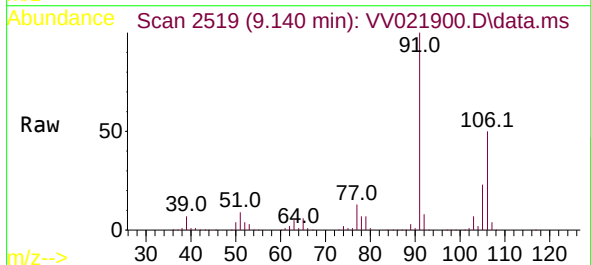
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

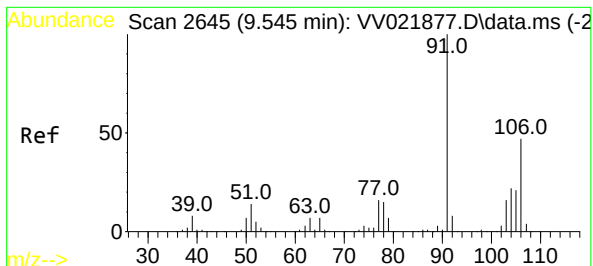
Tgt Ion: 91 Resp: 663879
Ion Ratio Lower Upper
91 100
106 30.8 22.2 41.2



#53
m,p-Xylene
Concen: 45.076 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 106 Resp: 256299
Ion Ratio Lower Upper
106 100
91 200.4 139.2 258.6





#54

o-Xylene

Concen: 46.273 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021900.D

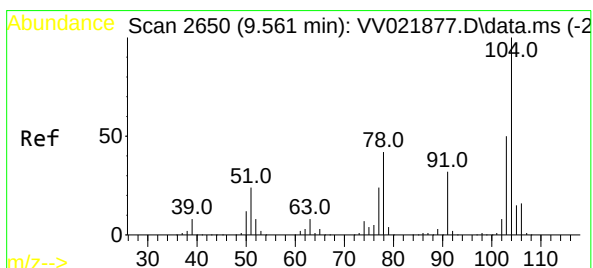
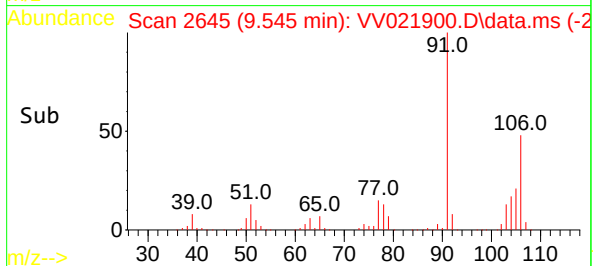
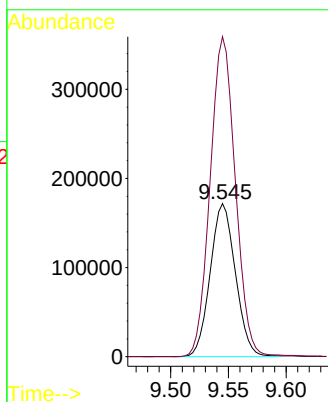
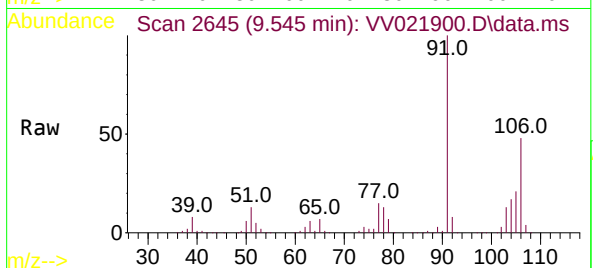
Acq: 19 Aug 2021 19:37

Tgt Ion:106 Resp: 260799

Ion Ratio Lower Upper

106 100

91 209.1 148.1 275.0



#55

Styrene

Concen: 45.434 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021900.D

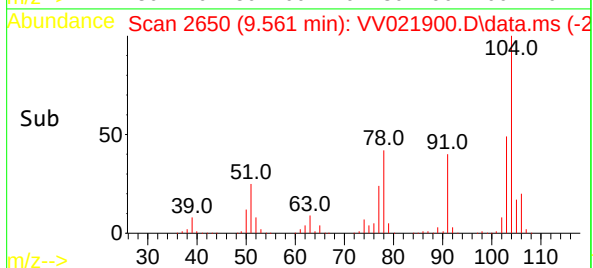
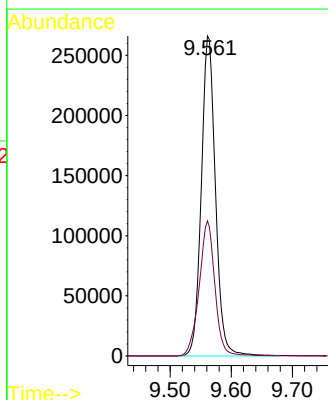
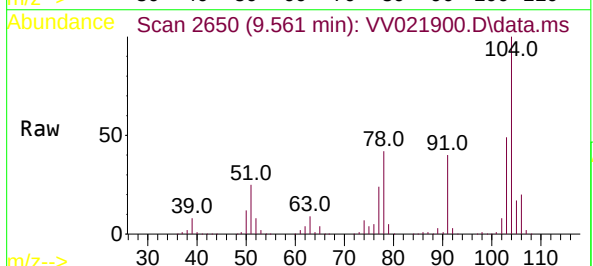
Acq: 19 Aug 2021 19:37

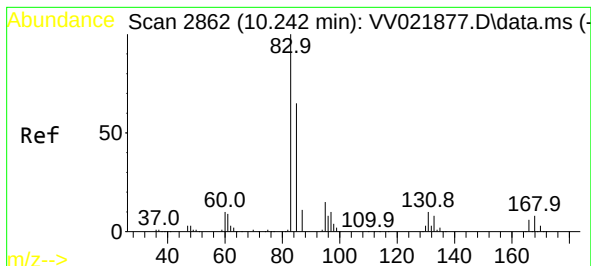
Tgt Ion:104 Resp: 428806

Ion Ratio Lower Upper

104 100

78 42.2 30.2 56.2

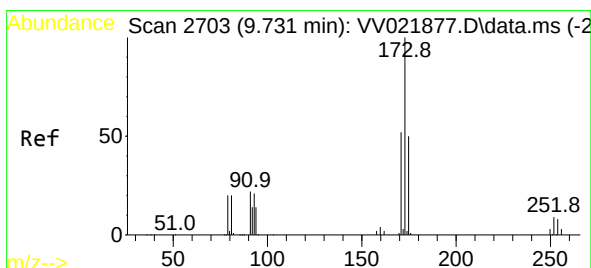
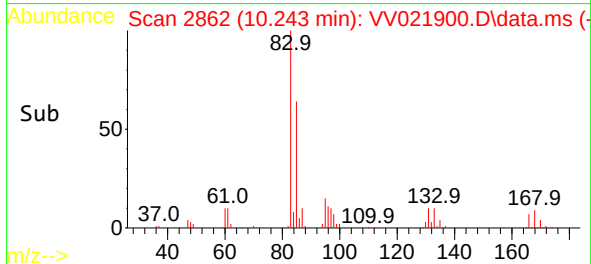
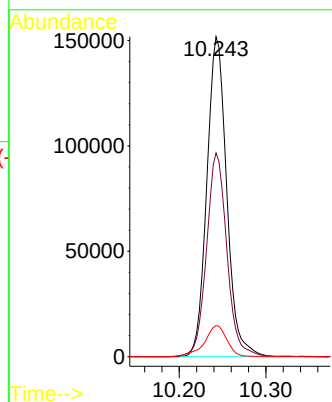
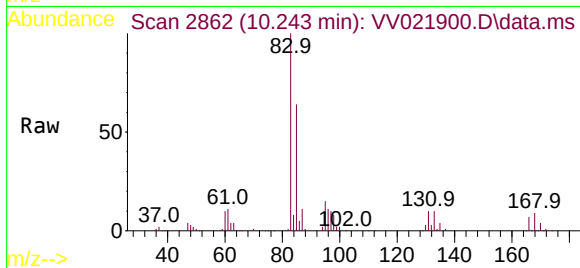




#57
1,1,2,2-Tetrachloroethane
Concen: 53.167 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

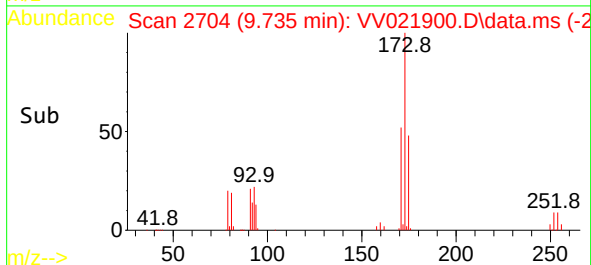
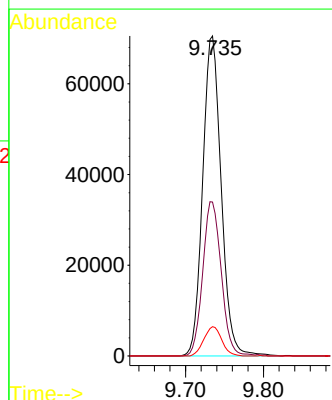
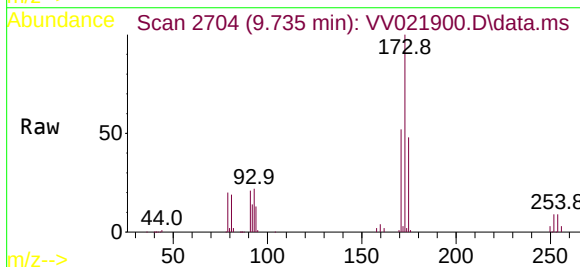
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

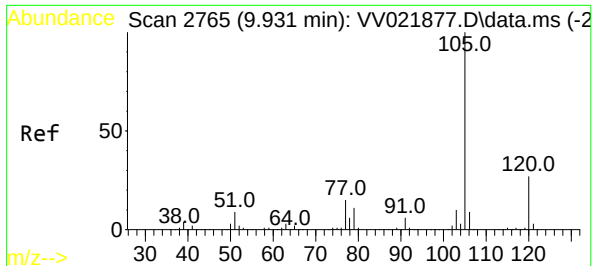
Tgt Ion: 83 Resp: 241734
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.5
131 9.7 7.9 11.9



#59
Bromoform
Concen: 44.115 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 173 Resp: 116318
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 8.9 7.2 10.8

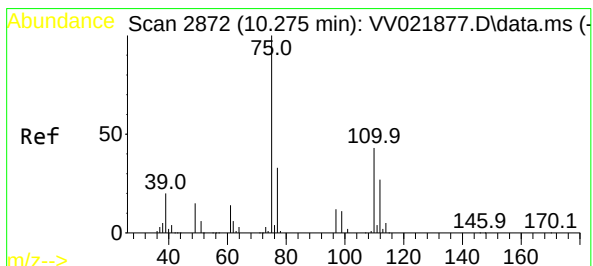
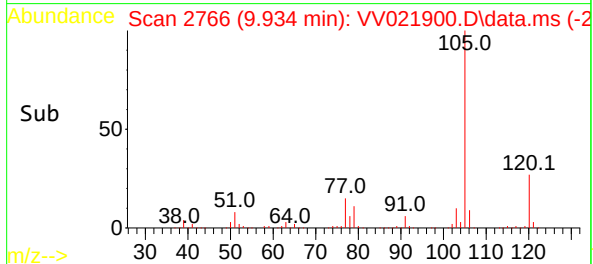
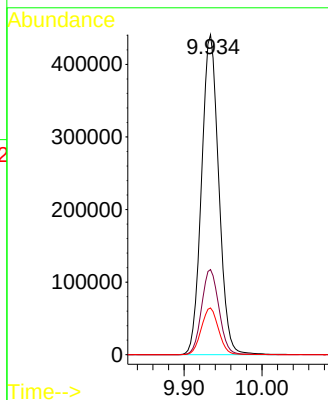
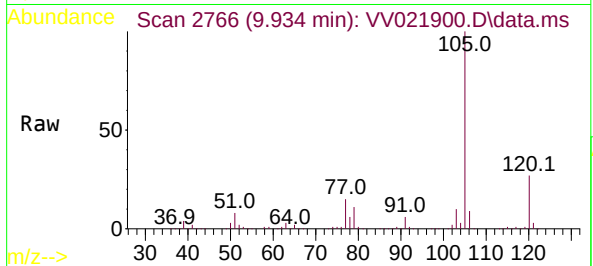




#60
Isopropylbenzene
Concen: 45.440 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

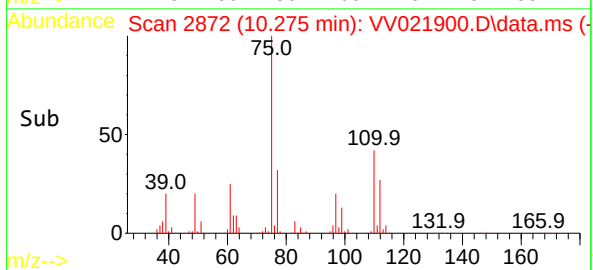
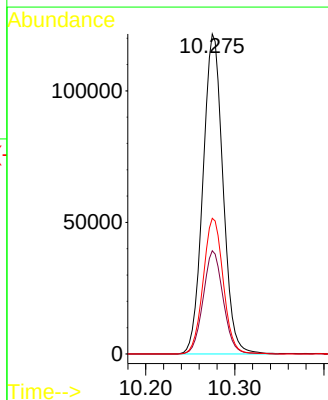
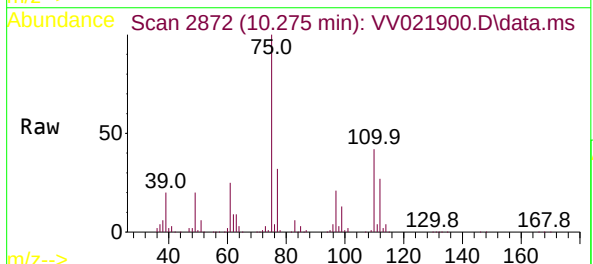
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

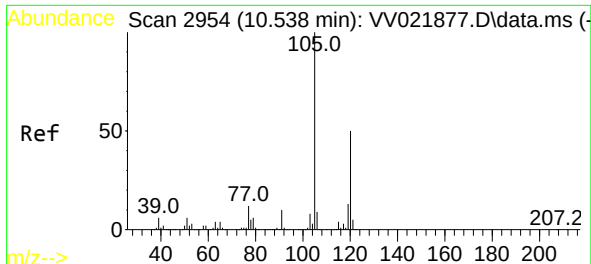
Tgt Ion:105 Resp: 675698
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 46.219 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 75 Resp: 189448
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 42.4 33.4 50.2

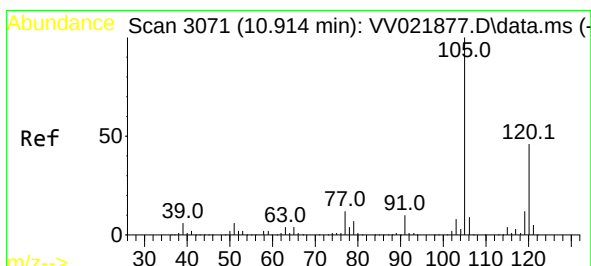
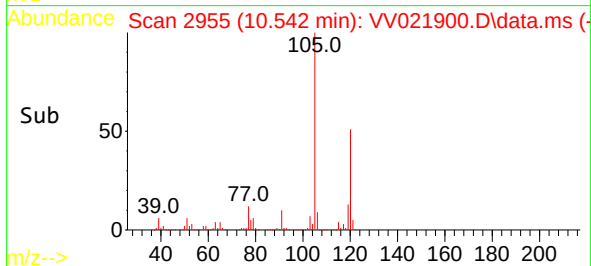
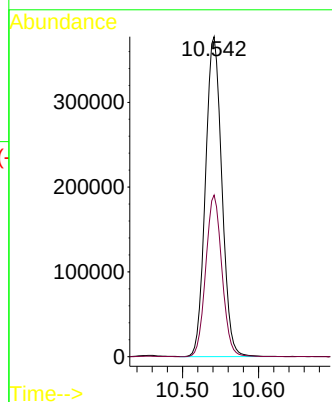
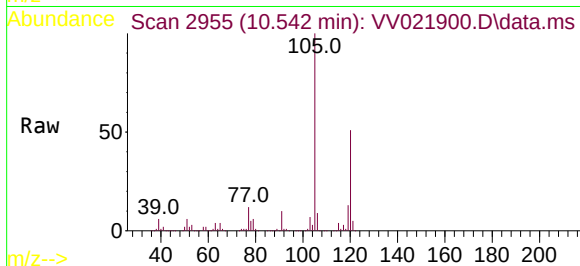




#62
1,3,5-Trimethylbenzene
Concen: 45.253 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

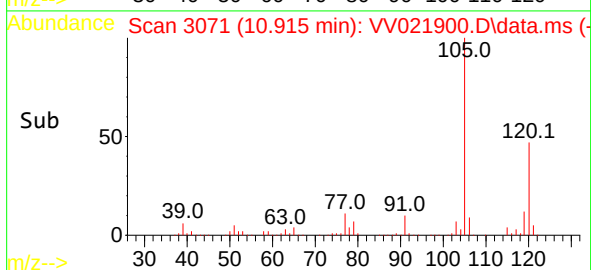
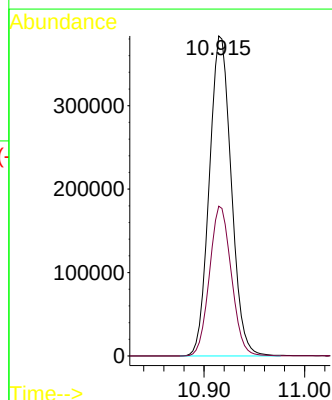
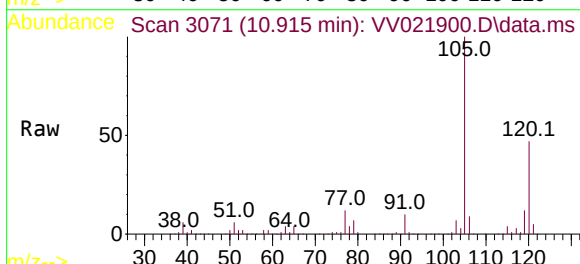
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

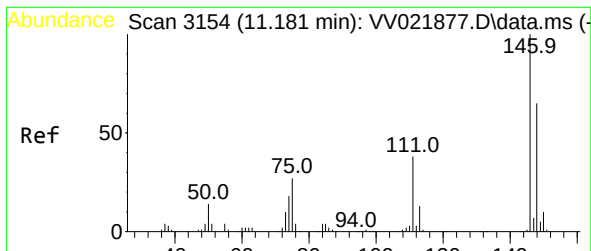
Tgt Ion:105 Resp: 564702
Ion Ratio Lower Upper
105 100
120 49.9 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 45.866 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion:105 Resp: 581948
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

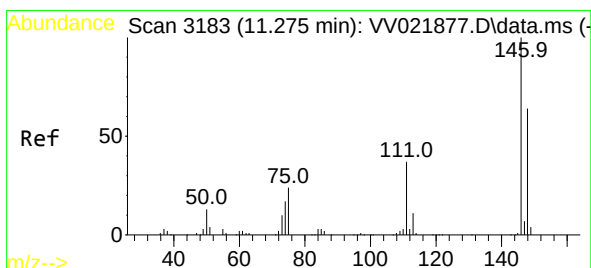
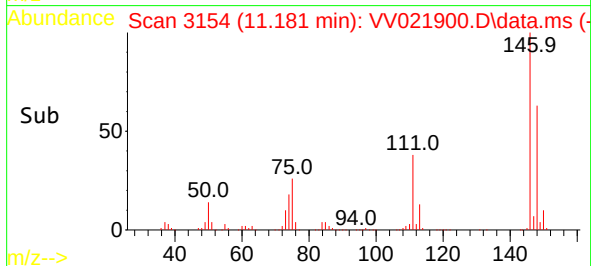
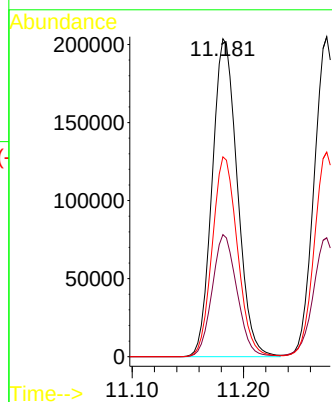
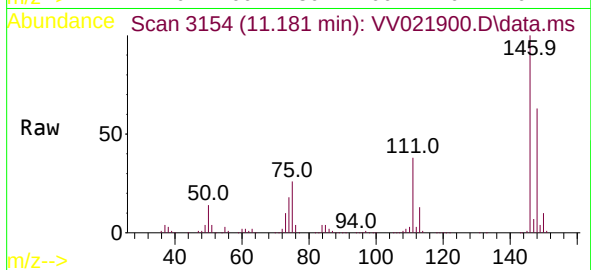




#64
1,3-Dichlorobenzene
Concen: 44.400 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

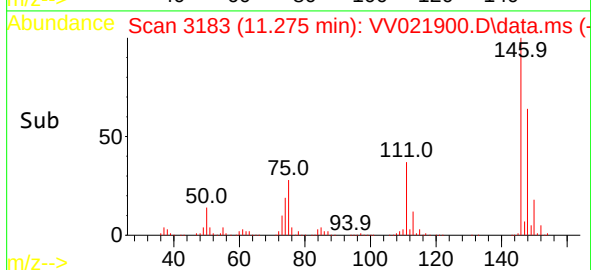
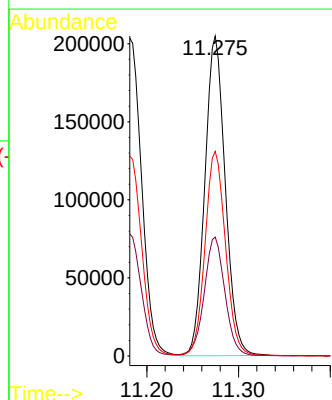
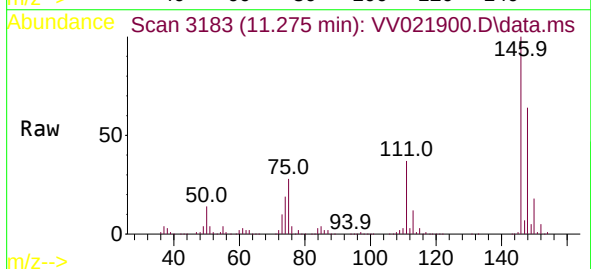
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

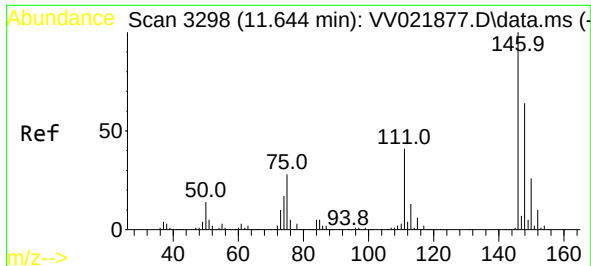
Tgt Ion:146 Resp: 319732
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 62.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 44.001 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion:146 Resp: 316280
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 64.0 45.1 83.9

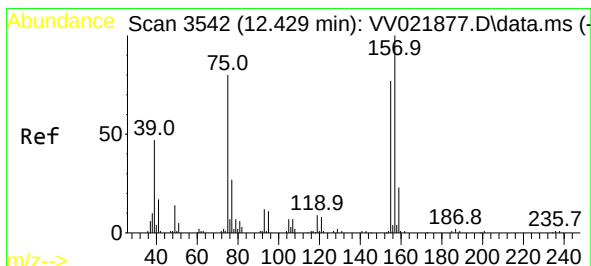
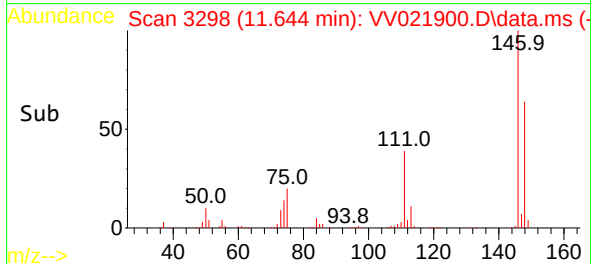
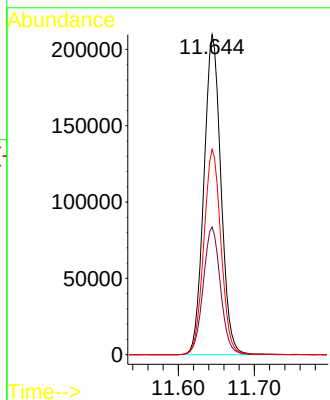
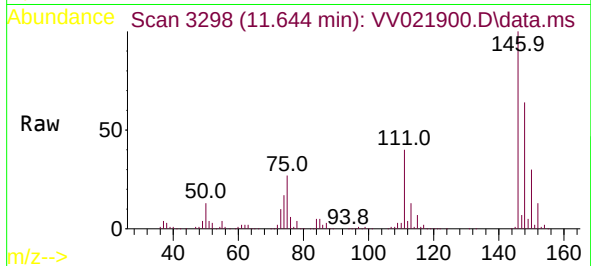




#67
1,2-Dichlorobenzene
Concen: 44.839 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

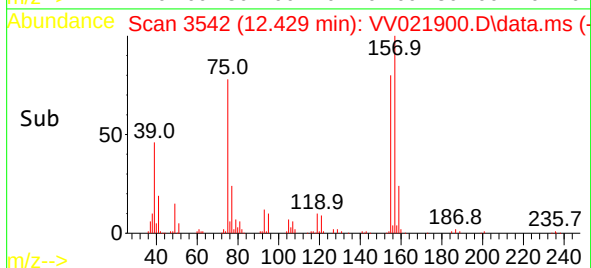
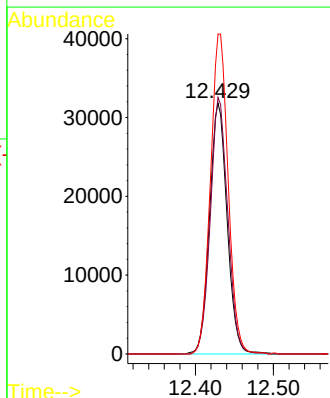
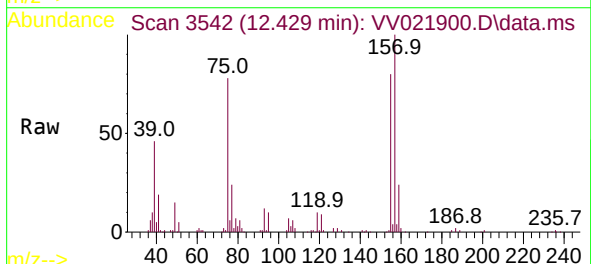
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

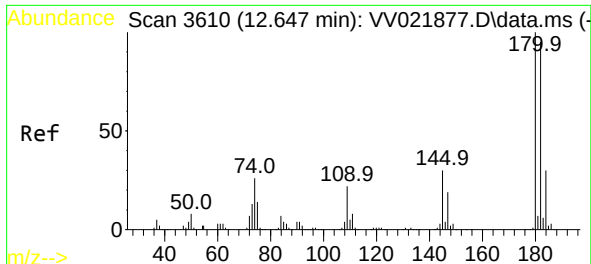
Tgt Ion:146 Resp: 325733
Ion Ratio Lower Upper
146 100
111 39.9 31.8 47.8
148 64.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.141 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion: 75 Resp: 49969
Ion Ratio Lower Upper
75 100
155 102.3 77.8 116.8
157 127.6 99.4 149.0



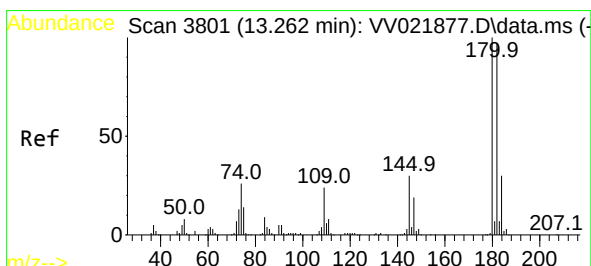
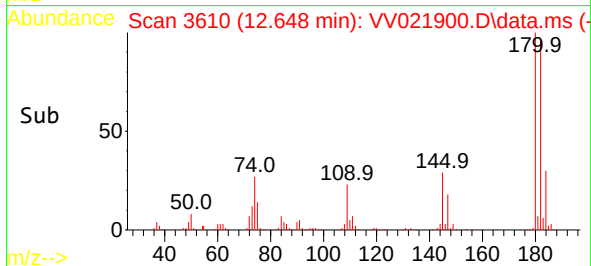
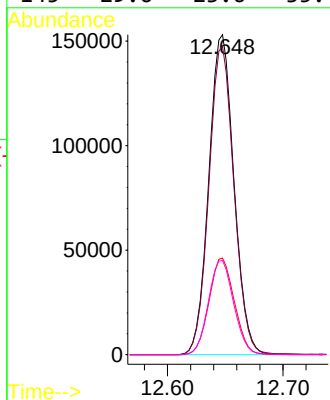
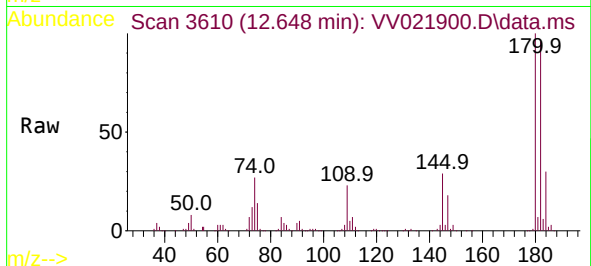


#69
1,3,5-Trichlorobenzene
Concen: 44.369 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

Tgt Ion:180 Resp: 231601

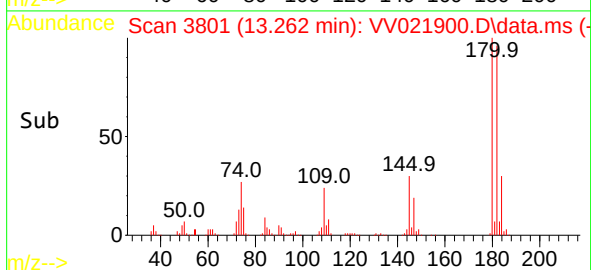
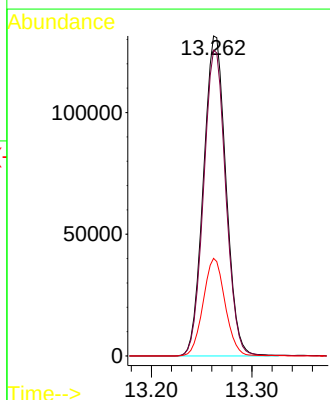
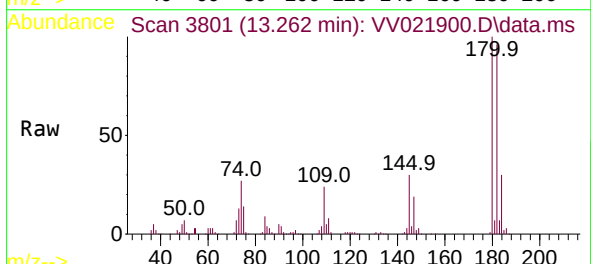
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
184	30.3	24.1	36.1
145	29.6	23.6	35.4

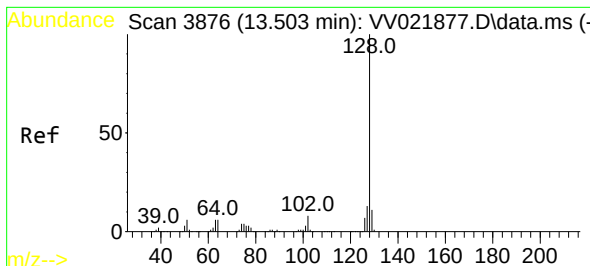


#70
1,2,4-trichlorobenzene
Concen: 46.688 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion:180 Resp: 204395

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	29.7	23.9	35.9

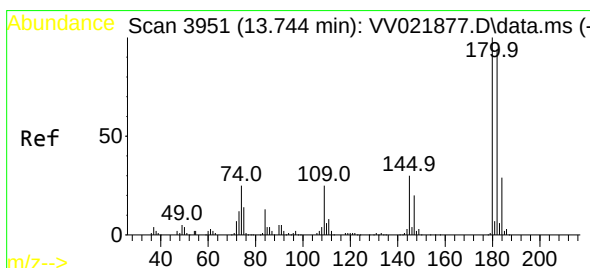
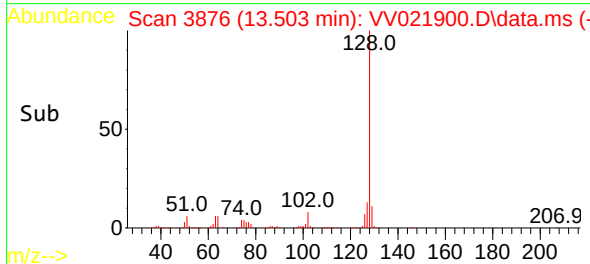
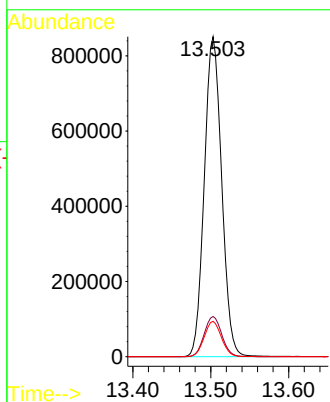
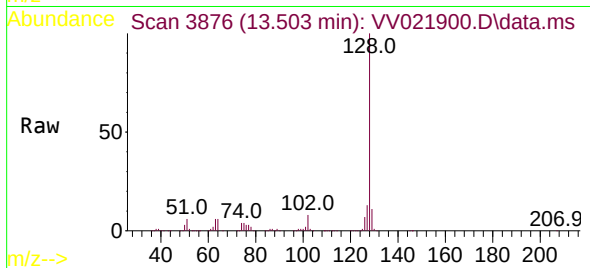




#71
Naphthalene
Concen: 103.663 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MSD

Tgt Ion:128 Resp: 1318254
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.369 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021900.D
Acq: 19 Aug 2021 19:37

Tgt Ion:180 Resp: 212726
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 31.7 25.6 38.4

