

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021813.D
 Acq On : 17 Aug 2021 13:43
 Operator : SY/MD
 Sample : M3364-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC7MSD

Quant Time: Aug 18 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	438638	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	414739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148214	43.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.440%
7) Chloroethane-d5	1.558	69	115907	44.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.580%
11) 1,1-Dichloroethene-d2	2.105	63	200543	36.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.480%
21) 2-Butanone-d5	3.873	46	219468	102.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.910%
24) Chloroform-d	4.349	84	281667	47.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
26) 1,2-Dichloroethane-d4	5.034	65	166620	48.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	5.050	84	570067	47.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	178910	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.340%
41) Toluene-d8	7.317	98	520181	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
43) trans-1,3-Dichloroprop...	7.625	79	78226	42.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
47) 2-Hexanone-d5	8.088	63	135786	111.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	249029	54.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	207896	47.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	150086	44.227	ug/L	99
3) Chloromethane	1.240	50	164060	46.552	ug/L	99
5) Vinyl chloride	1.307	62	159177	45.869	ug/L	100
6) Bromomethane	1.507	94	100084	47.983	ug/L	99
8) Chloroethane	1.577	64	97639	47.084	ug/L	98
9) Trichlorofluoromethane	1.748	101	217671	45.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98185	36.068	ug/L	97
12) 1,1-Dichloroethene	2.114	96	98980	38.173	ug/L	98
13) Acetone	2.159	43	110502	62.970	ug/L	# 100
14) Carbon disulfide	2.291	76	343667	39.392	ug/L	100
15) Methyl Acetate	2.426	43	79089	24.533	ug/L	95
16) Methylene chloride	2.503	84	137273	38.061	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	128563	42.254	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	416288	44.488	ug/L	99
19) 1,1-Dichloroethane	3.188	63	232438	42.916	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	169123	48.002	ug/L	97
22) 2-Butanone	3.957	43	235449	92.130	ug/L	99
23) Bromochloromethane	4.249	128	89429	47.842	ug/L	97
25) Chloroform	4.378	83	275931	47.348	ug/L	98

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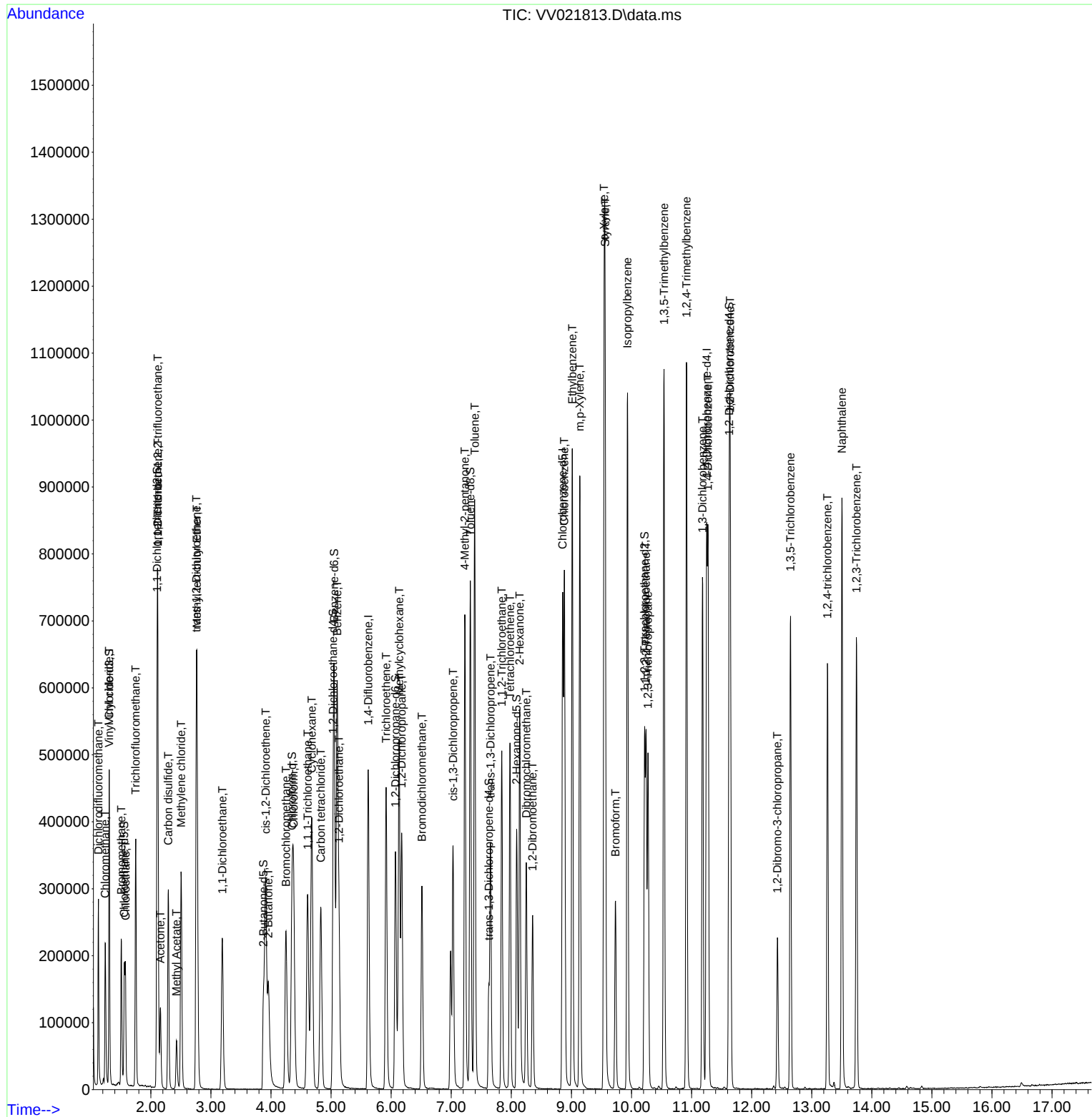
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	198979	48.460	ug/L	100
29) Cyclohexane	4.677	56	235885	46.181	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	245330	47.273	ug/L	99
31) Carbon tetrachloride	4.828	117	209078	46.560	ug/L	100
33) Benzene	5.101	78	614570	48.153	ug/L	100
34) Trichloroethene	5.915	95	158939	43.336	ug/L	99
35) Methylcyclohexane	6.133	83	235684	44.047	ug/L	98
37) 1,2-Dichloropropane	6.175	63	157281	48.669	ug/L	100
38) Bromodichloromethane	6.513	83	206093	48.386	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	231521	45.243	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	459600	103.388	ug/L	99
42) Toluene	7.391	91	651210	47.774	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	214856	44.553	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	161079	49.756	ug/L	99
46) Tetrachloroethene	7.979	164	121780	44.679	ug/L	99
48) 2-Hexanone	8.140	43	338428	98.282	ug/L	98
49) Dibromochloromethane	8.249	129	175383	49.067	ug/L	99
50) 1,2-Dibromoethane	8.355	107	175072	49.694	ug/L	98
51) Chlorobenzene	8.883	112	425994	47.865	ug/L	99
52) Ethylbenzene	9.014	91	688122	47.319	ug/L	99
53) m,p-Xylene	9.140	106	264733	46.972	ug/L	99
54) o-Xylene	9.545	106	274506	49.136	ug/L	97
55) Styrene	9.561	104	456450	48.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	253110	56.162	ug/L	98
59) Bromoform	9.735	173	128920	50.920	ug/L	100
60) Isopropylbenzene	9.934	105	690348	48.347	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	200012	50.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	580293	48.428	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	592502	48.632	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	327477	47.359	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	324142	46.962	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	335096	48.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	52450	54.810	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225306	44.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	200455	47.684	ug/L	99
71) Naphthalene	13.503	128	694955	56.912	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	206799	48.969	ug/L	99

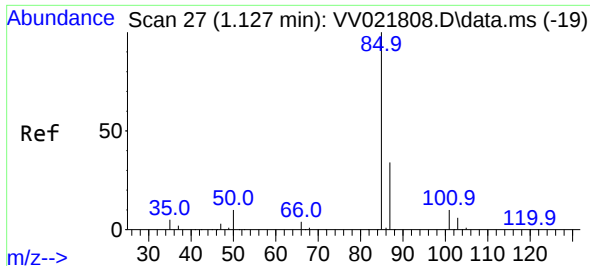
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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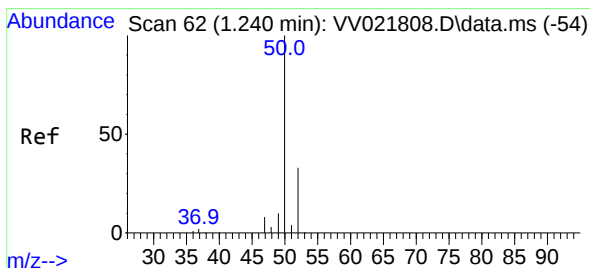
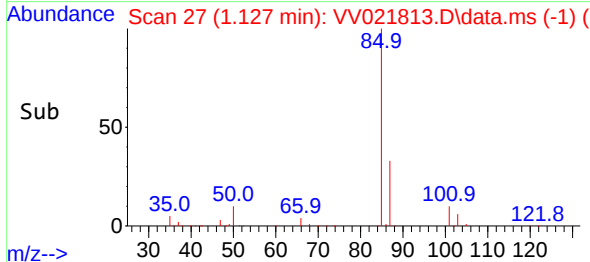
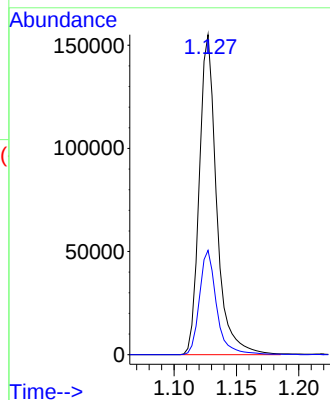
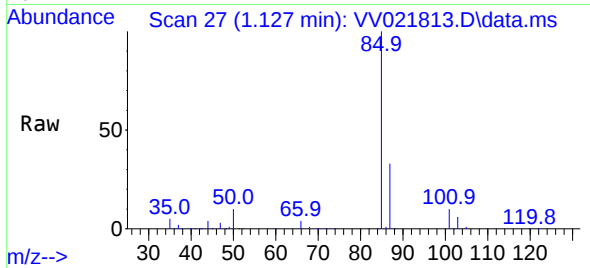




#2
Dichlorodifluoromethane
Concen: 44.227 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

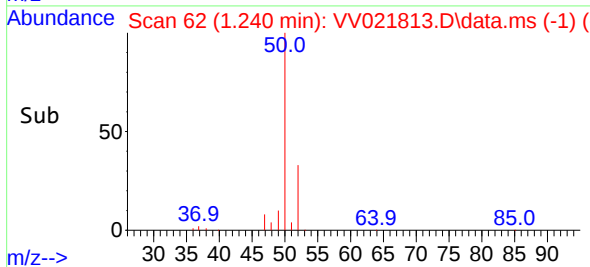
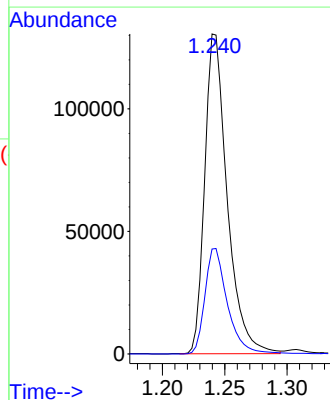
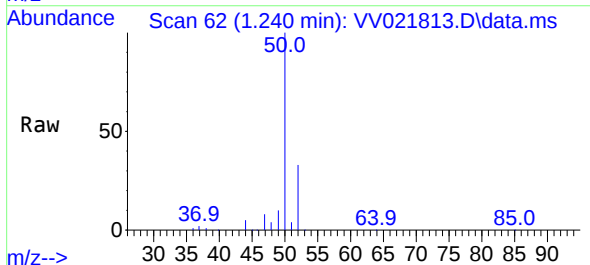
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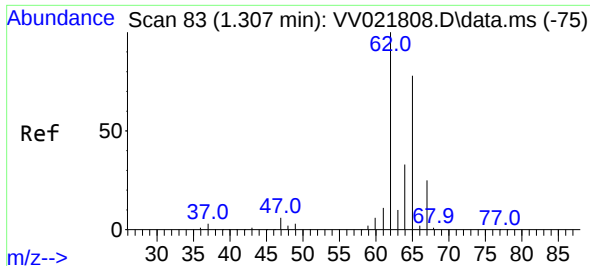
Tgt Ion: 85 Resp: 150086
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 46.552 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 50 Resp: 164060
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

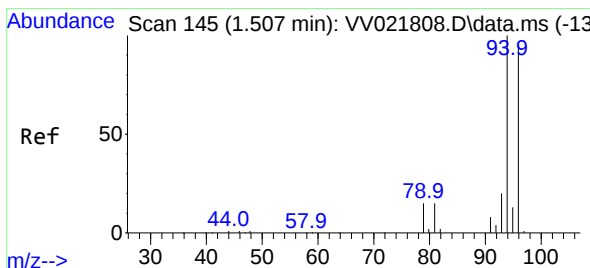
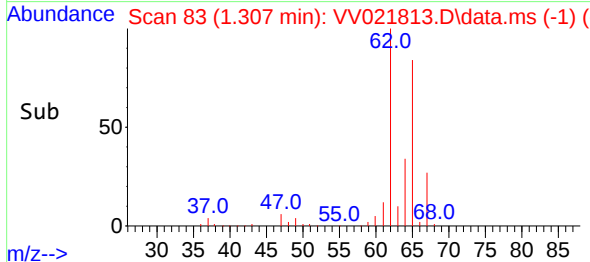
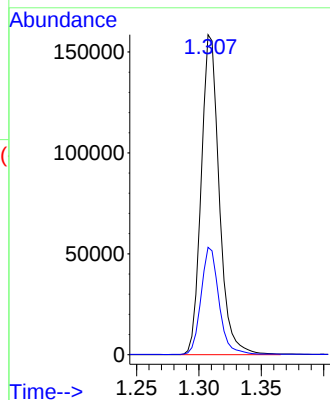
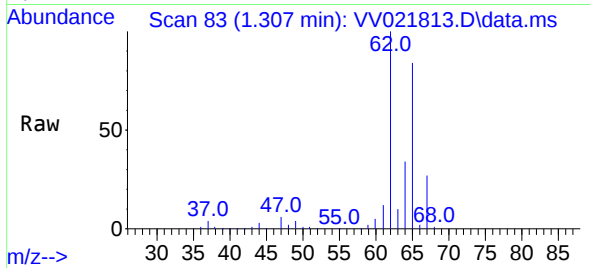




#5
 Vinyl chloride
 Concen: 45.869 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

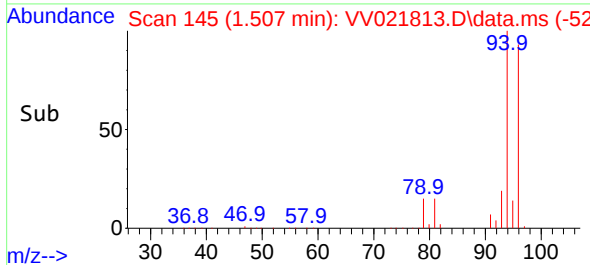
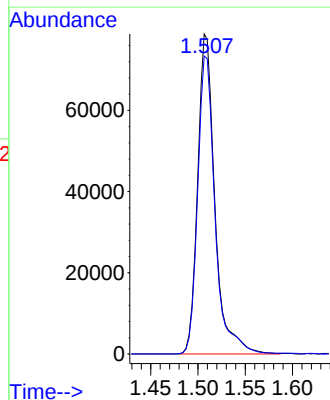
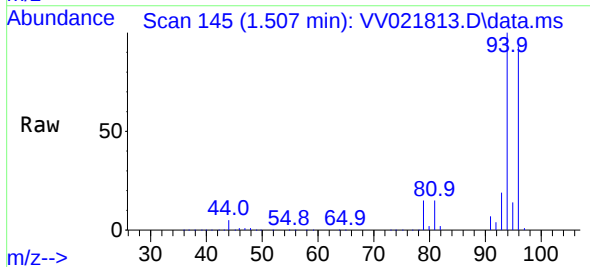
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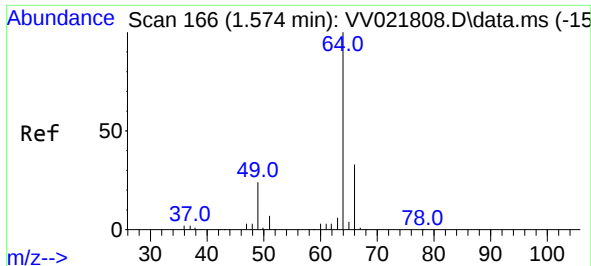
Tgt Ion: 62 Resp: 159177
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 47.983 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021813.D
 Acq: 17 Aug 2021 13:43

Tgt Ion: 94 Resp: 100084
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

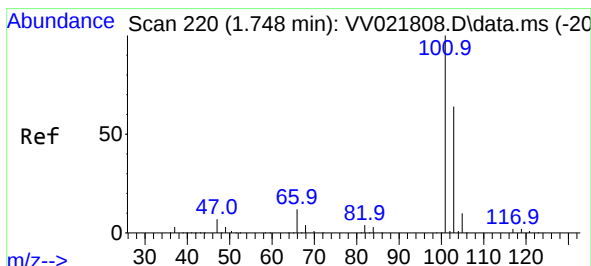
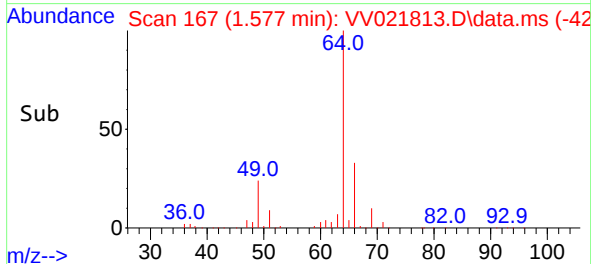
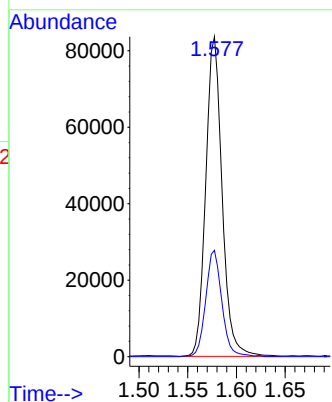
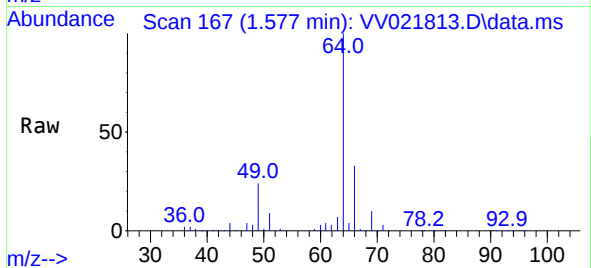




#8
Chloroethane
Concen: 47.084 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

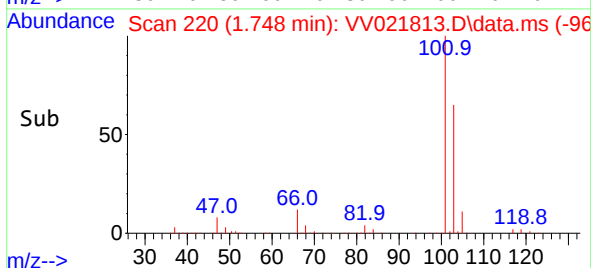
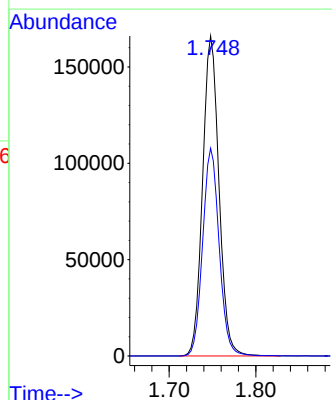
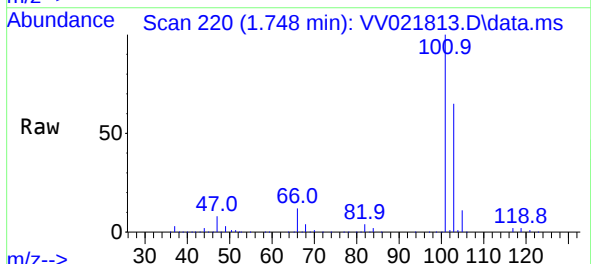
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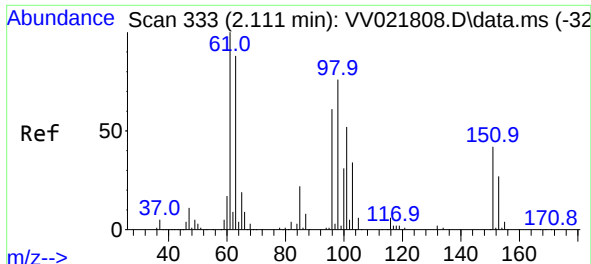
Tgt Ion: 64 Resp: 97639
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.780 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:101 Resp: 217671
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

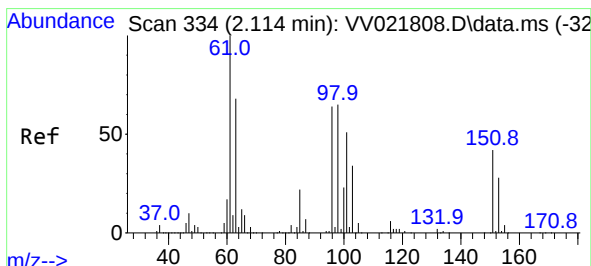
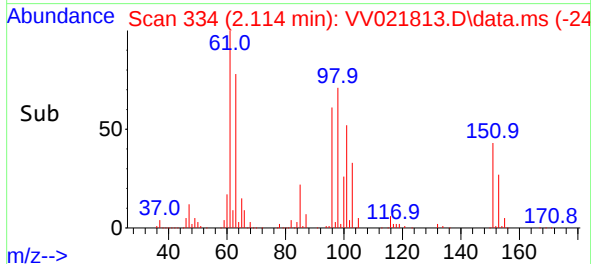
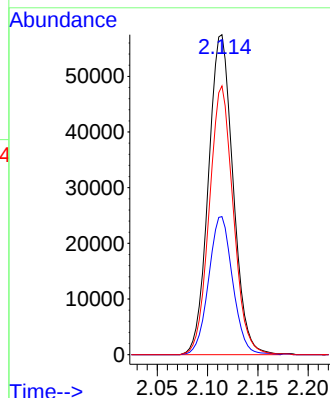
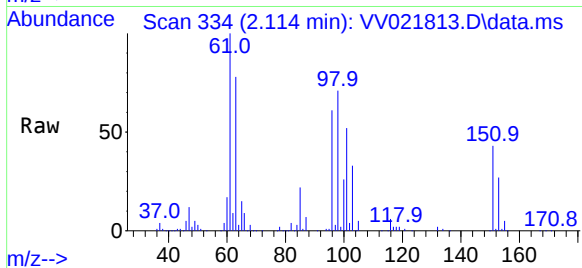




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 36.068 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

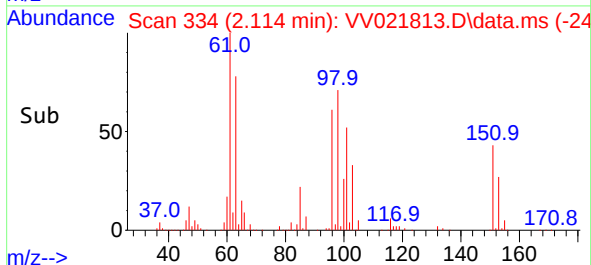
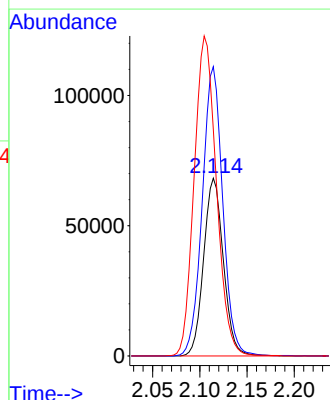
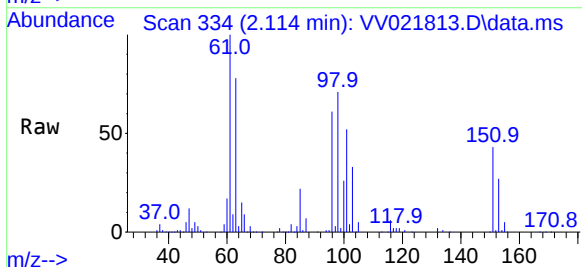
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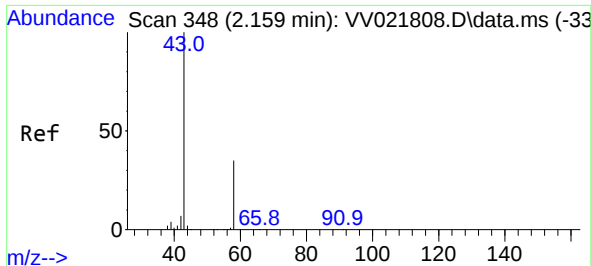
Tgt Ion:101 Resp: 98185
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.2
151 81.6 62.2 93.2



#12
1,1-Dichloroethene
Concen: 38.173 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 96 Resp: 98980
Ion Ratio Lower Upper
96 100
61 162.8 115.5 214.5
63 127.4 90.3 167.7

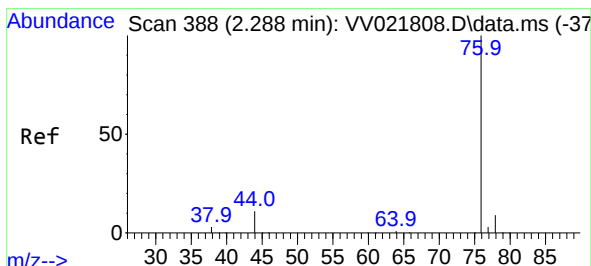
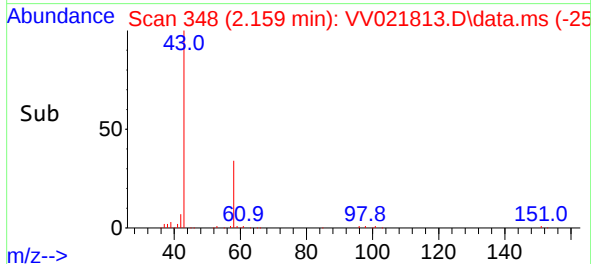
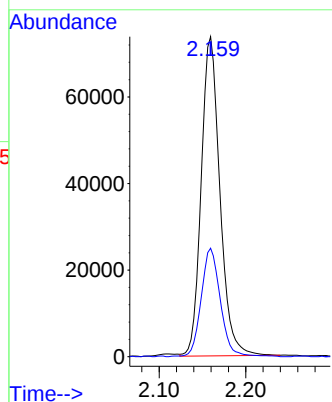
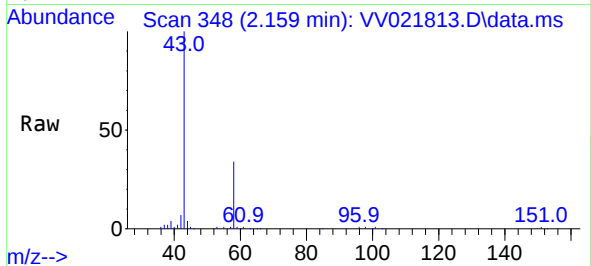




#13
Acetone
Concen: 62.970 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

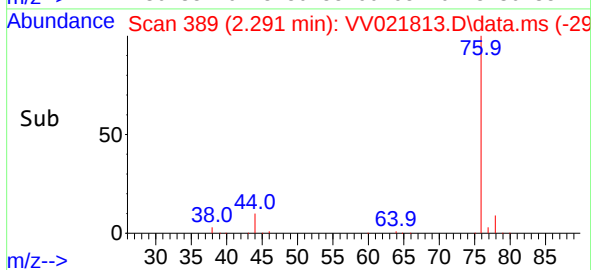
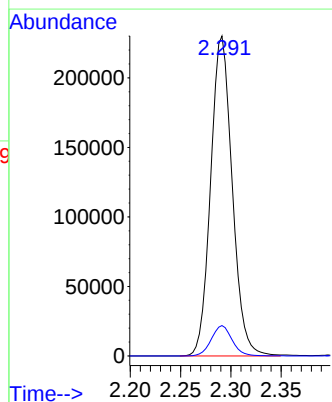
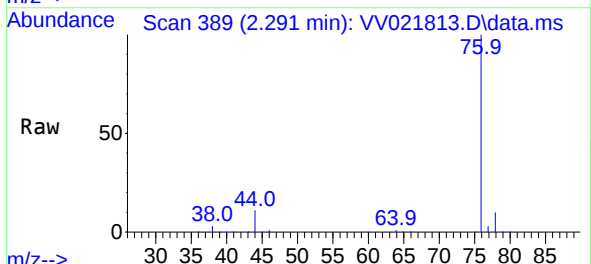
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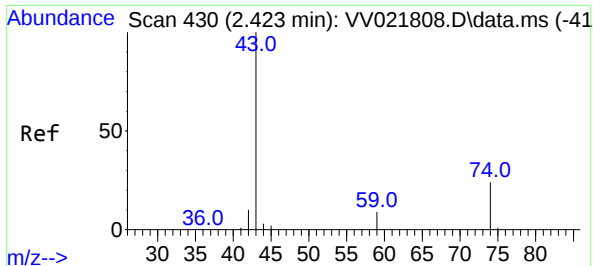
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Ion Ratio Lower Upper
43 100
58 34.1 0.0 0.0#



#14
Carbon disulfide
Concen: 39.392 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021813.D
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Tgt Ion: 76 Resp: 343667
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

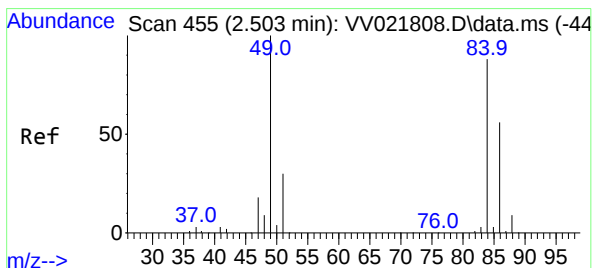
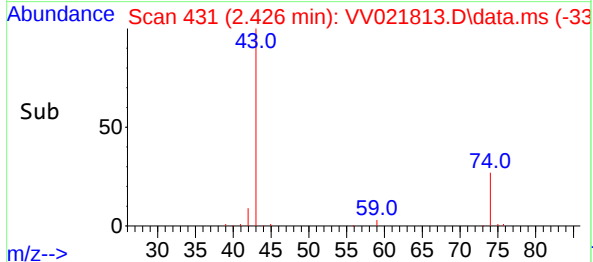
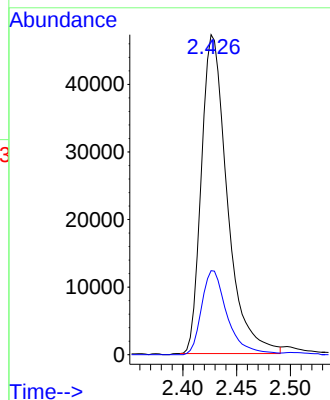
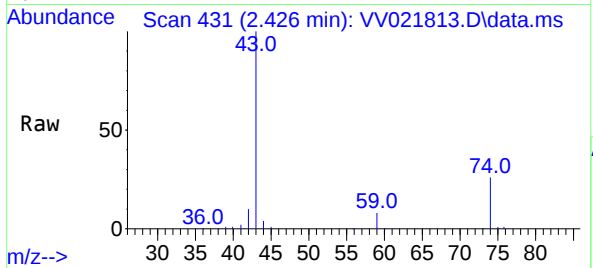




#15
Methyl Acetate
Concen: 24.533 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

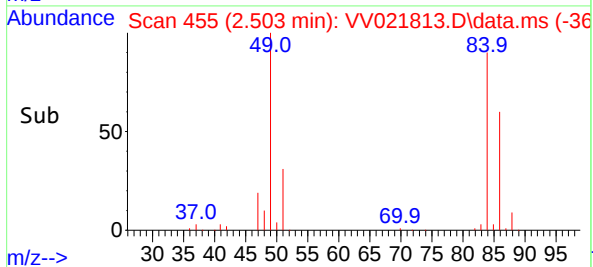
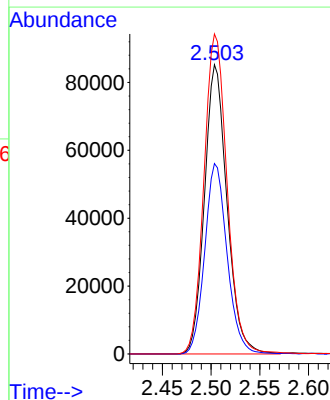
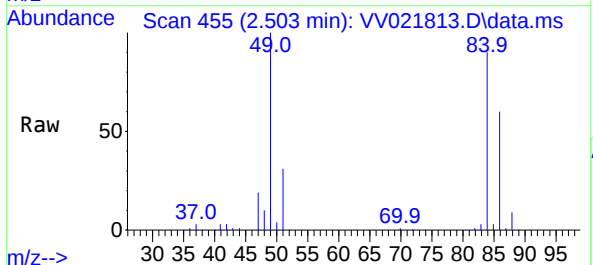
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

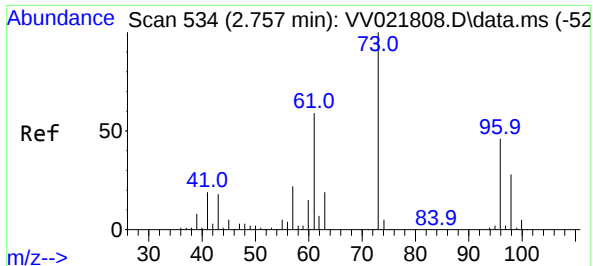
Tgt Ion: 43 Resp: 79089
Ion Ratio Lower Upper
43 100
74 26.1 19.0 28.6



#16
Methylene chloride
Concen: 38.061 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 84 Resp: 137273
Ion Ratio Lower Upper
84 100
86 65.8 44.7 83.1
49 110.6 82.5 153.3

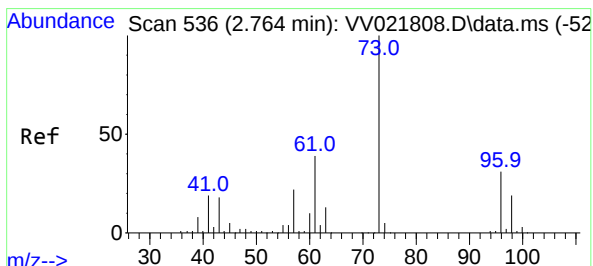
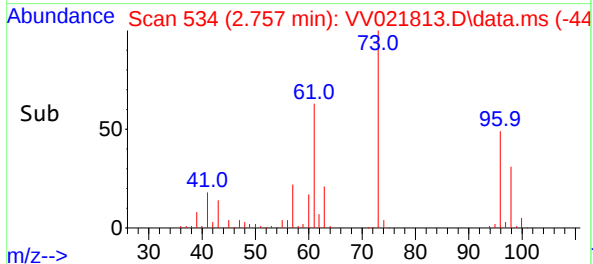
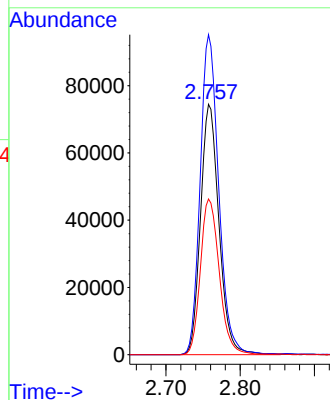
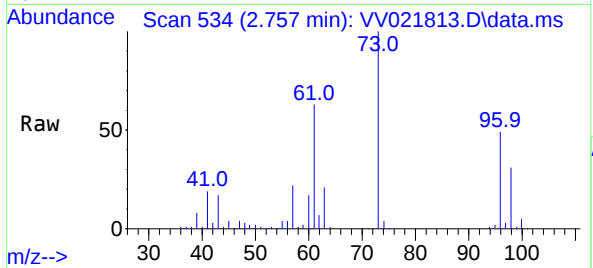




#17
trans-1,2-Dichloroethene
Concen: 42.254 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

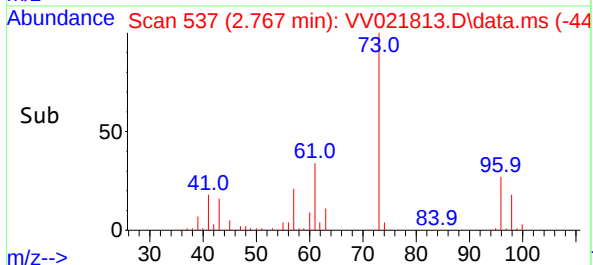
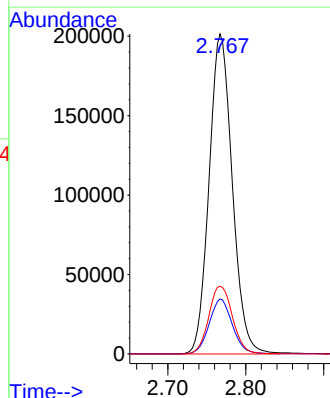
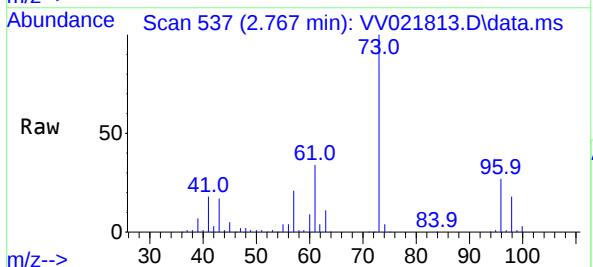
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

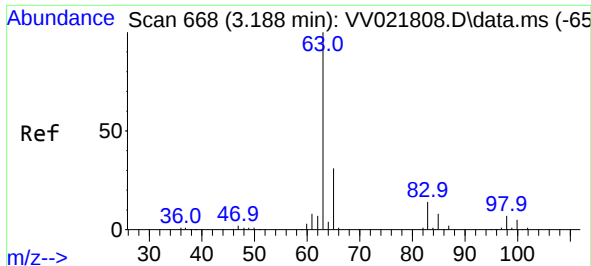
Tgt Ion: 96 Resp: 128563
Ion Ratio Lower Upper
96 100
61 127.8 90.4 168.0
98 62.1 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 44.488 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 73 Resp: 416288
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.4
57 21.7 17.7 26.5

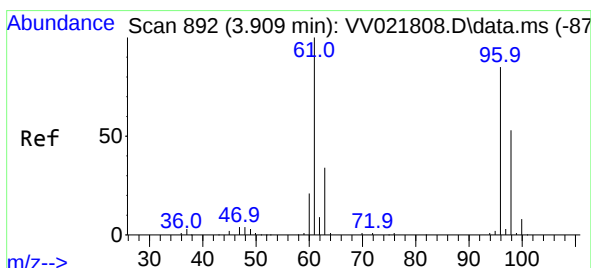
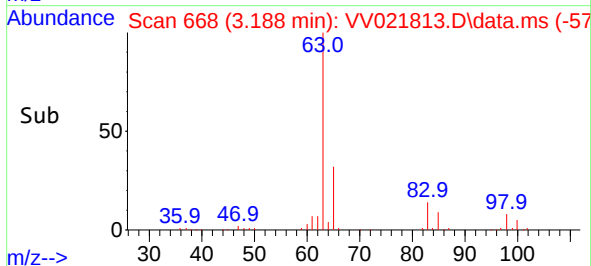
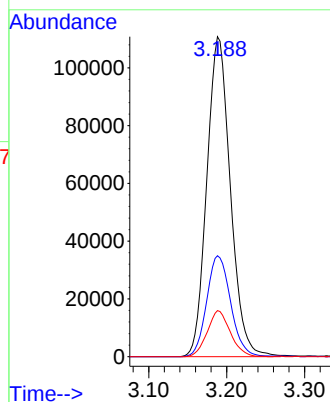
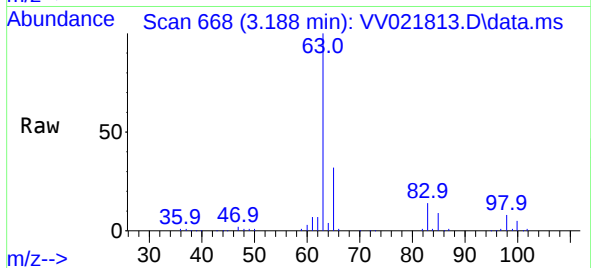




#19
1,1-Dichloroethane
Concen: 42.916 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

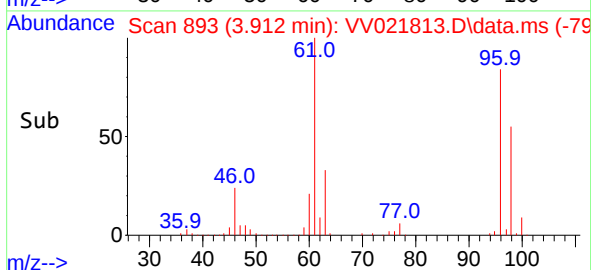
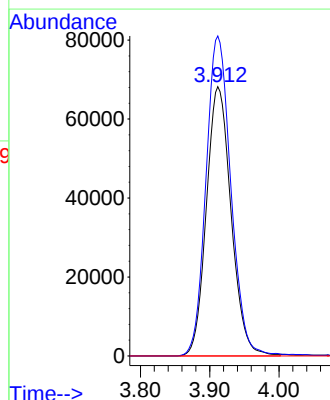
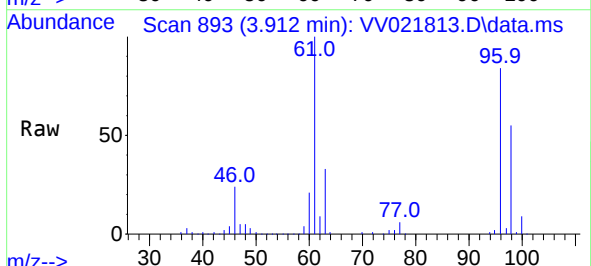
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

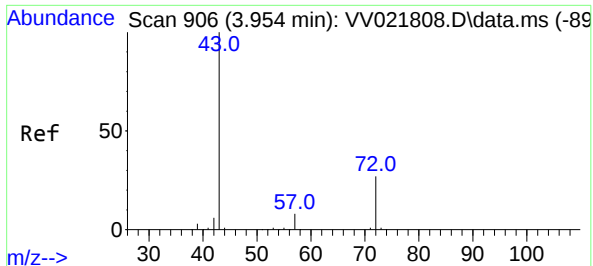
Tgt Ion:	63	Resp:	232438
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	14.4	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 48.002 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:	96	Resp:	169123
Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.0	150.4
68	0.0	0.0	0.0

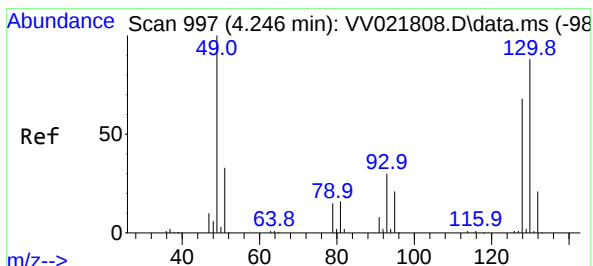
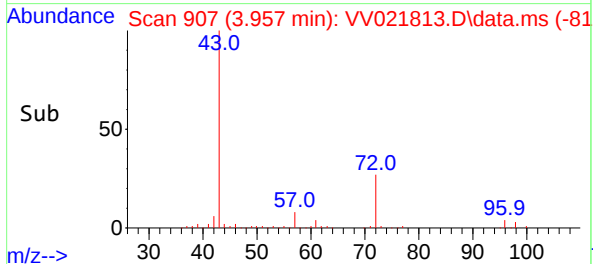
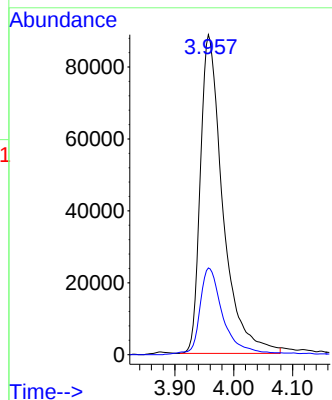
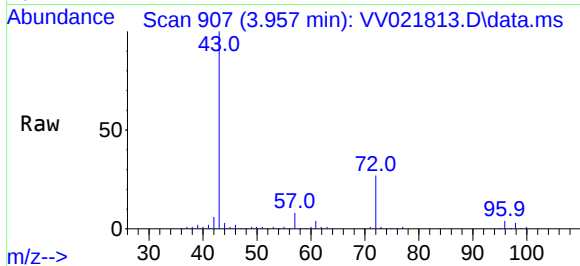




#22
2-Butanone
Concen: 92.130 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

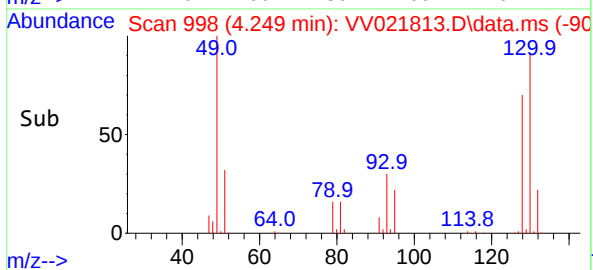
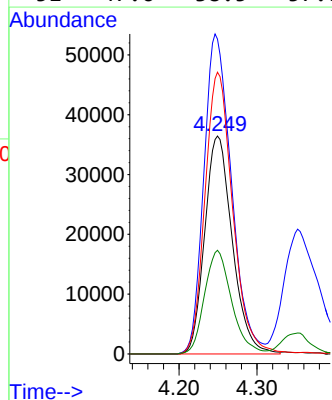
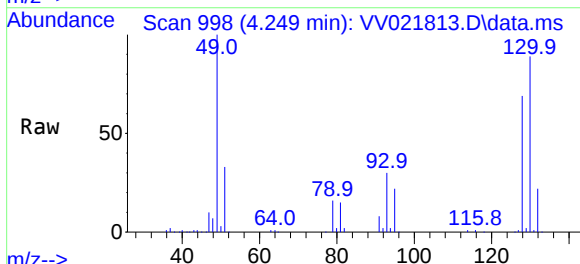
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

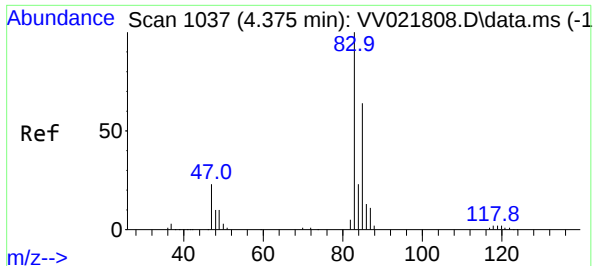
Tgt Ion: 43 Resp: 235449
Ion Ratio Lower Upper
43 100
72 27.8 13.6 40.8



#23
Bromochloromethane
Concen: 47.842 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:128 Resp: 89429
Ion Ratio Lower Upper
128 100
49 144.5 105.6 196.0
130 129.3 89.5 166.1
51 47.6 38.5 57.7



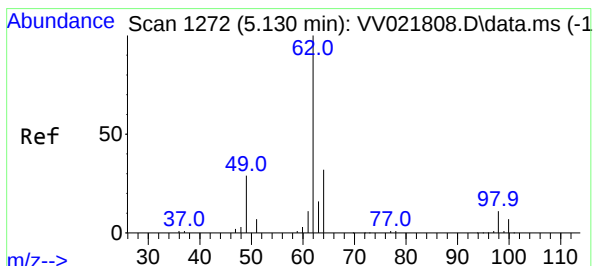
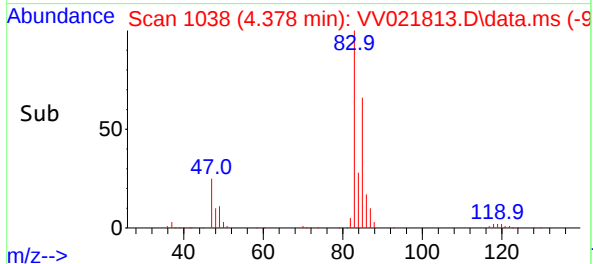
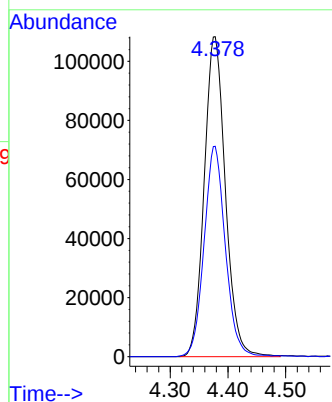
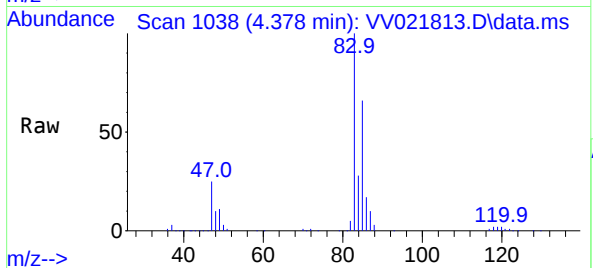


#25

Chloroform
Concen: 47.348 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

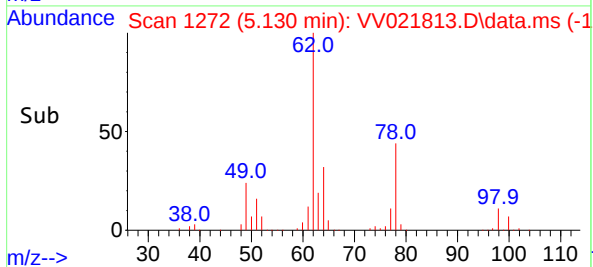
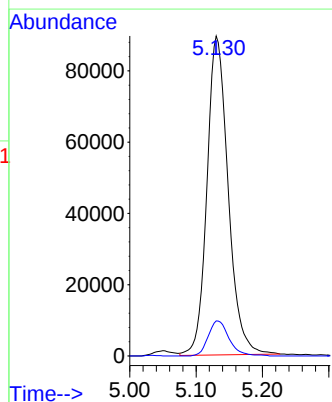
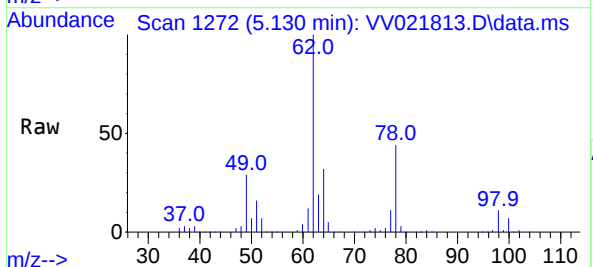
Tgt Ion: 83 Resp: 275931
Ion Ratio Lower Upper
83 100
85 65.8 44.8 83.2

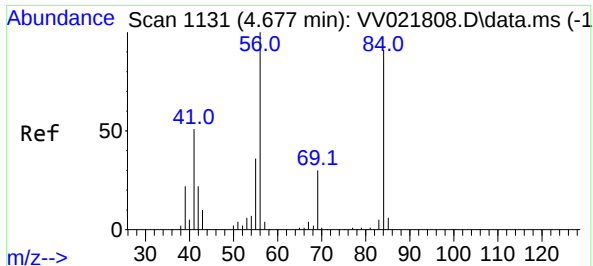


#27

1,2-Dichloroethane
Concen: 48.460 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 62 Resp: 198979
Ion Ratio Lower Upper
62 100
98 10.9 8.6 13.0





#29

Cyclohexane

Concen: 46.181 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

Tgt Ion: 56 Resp: 235885

Ion Ratio Lower Upper

56 100

69 31.2 24.9 37.3

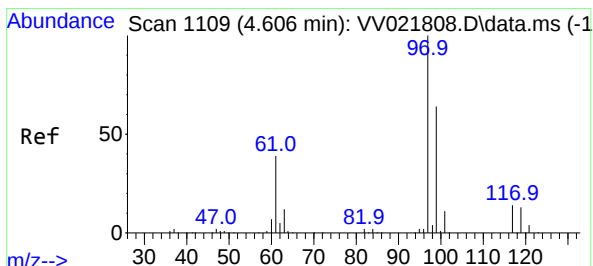
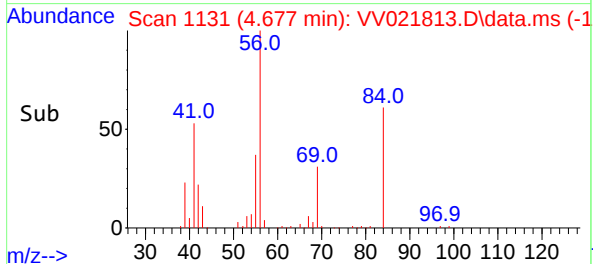
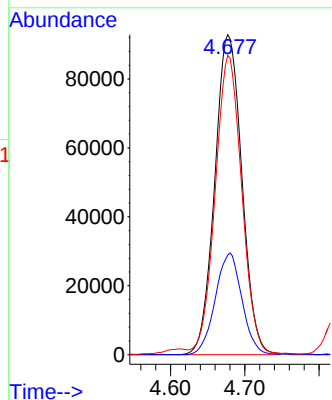
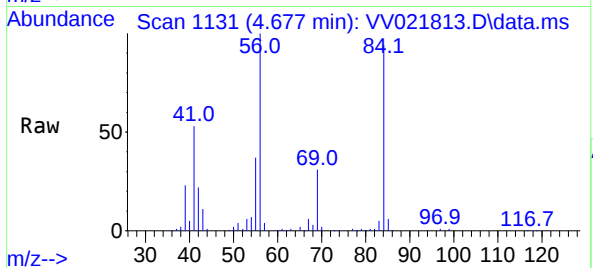
84 90.9 72.6 109.0

Instrument :

MSVOA_V

ClientSampleId :

DBKC7MSD



#30

1,1,1-Trichloroethane

Concen: 47.273 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021813.D

Acq: 17 Aug 2021 13:43

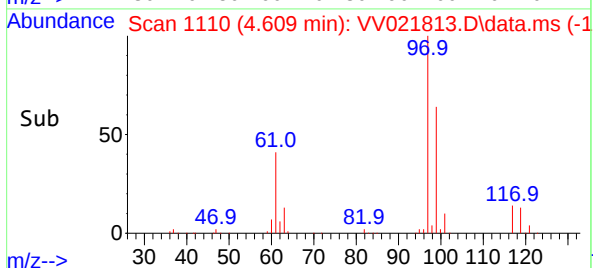
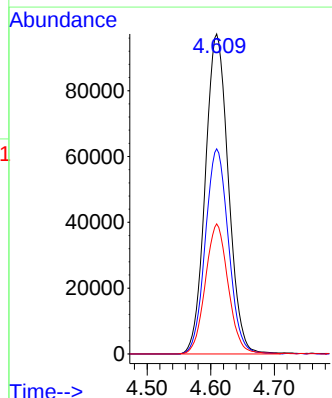
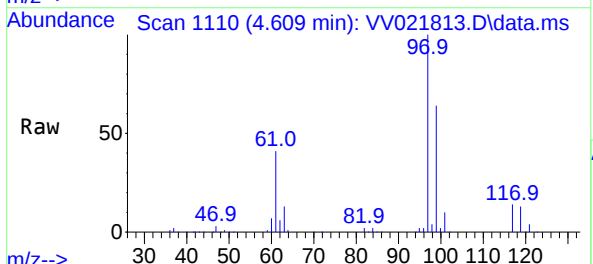
Tgt Ion: 97 Resp: 245330

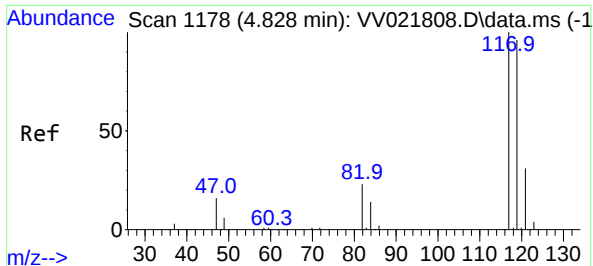
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 40.3 32.3 48.5

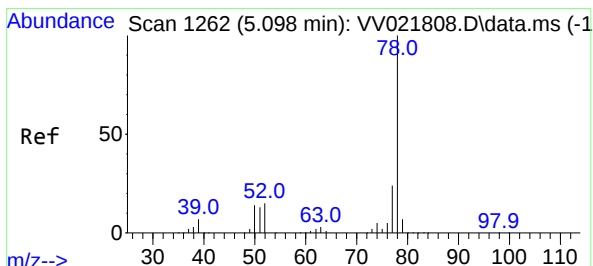
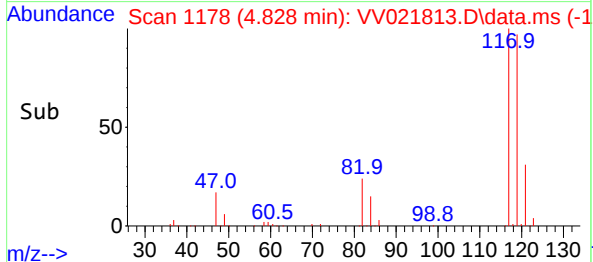
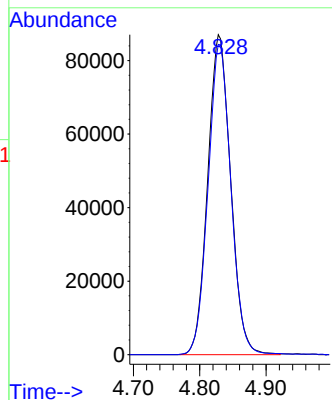
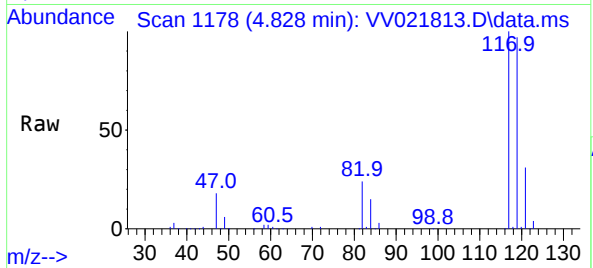




#31
Carbon tetrachloride
Concen: 46.560 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

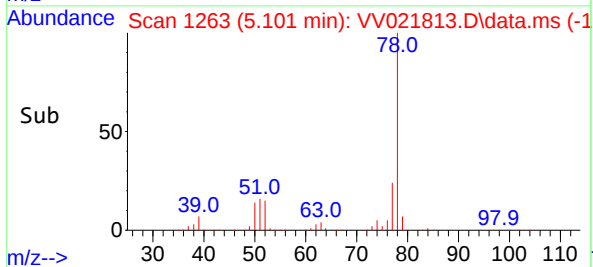
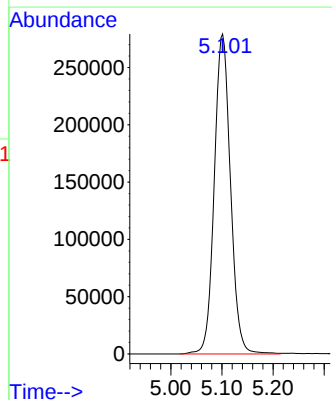
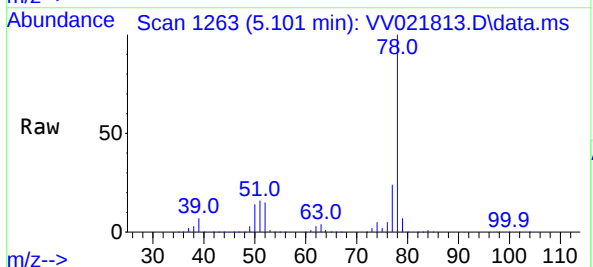
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

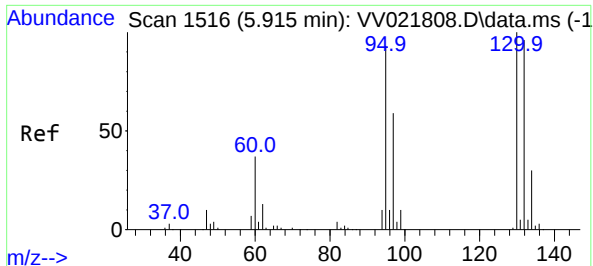
Tgt Ion:117 Resp: 209078
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 48.153 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 78 Resp: 614570

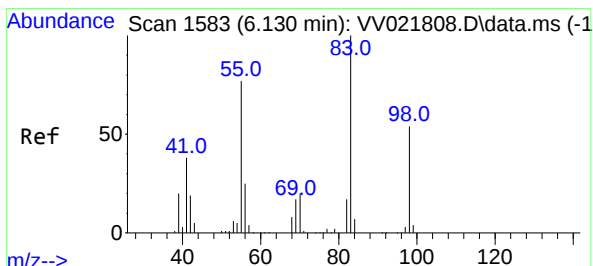
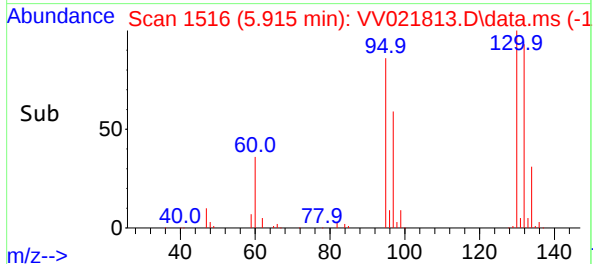
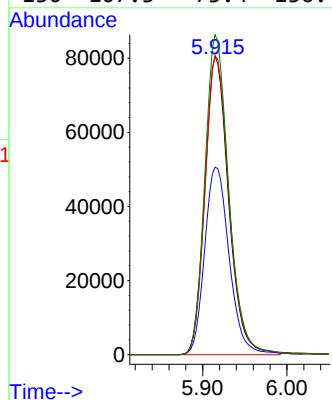
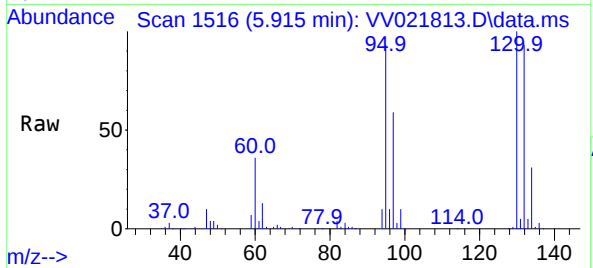




#34
Trichloroethene
Concen: 43.336 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

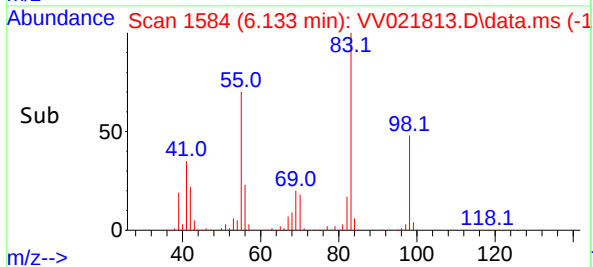
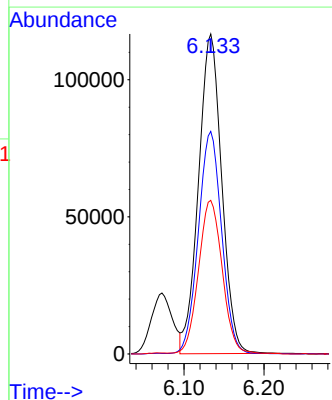
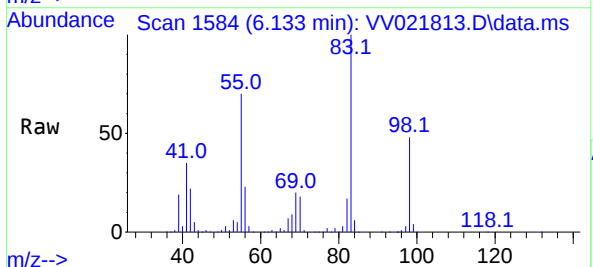
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

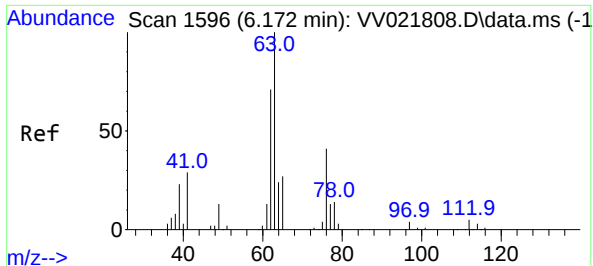
Tgt Ion: 95 Resp: 158939
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 100.2 70.2 130.4
130 107.3 73.4 136.4



#35
Methylcyclohexane
Concen: 44.047 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 83 Resp: 235684
Ion Ratio Lower Upper
83 100
55 70.2 57.9 86.9
98 49.3 39.9 59.9

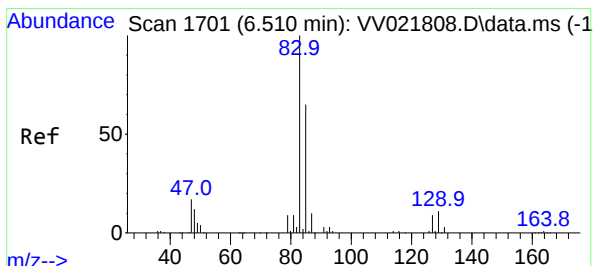
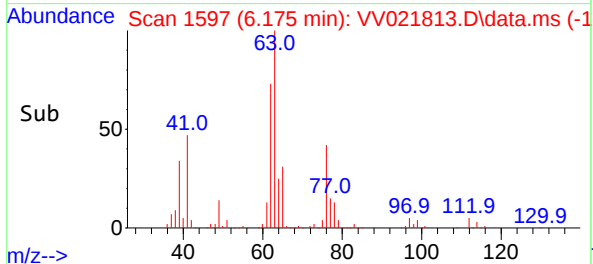
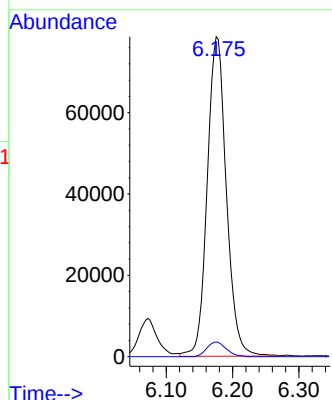
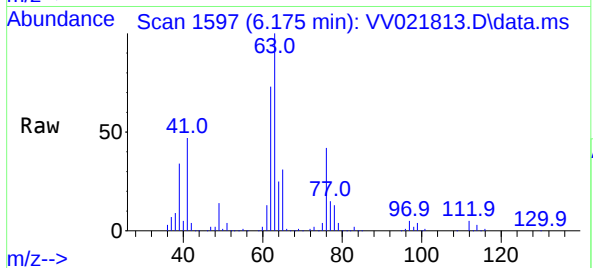




#37
1,2-Dichloropropane
Concen: 48.669 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

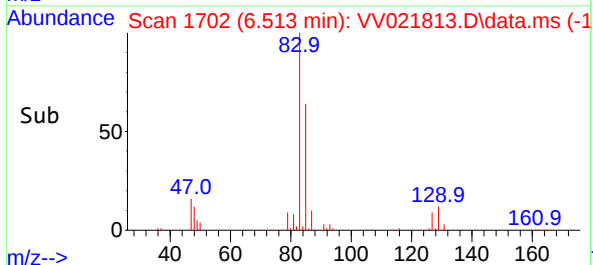
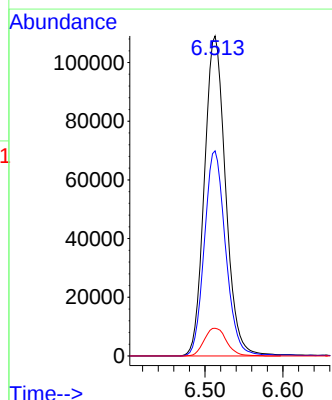
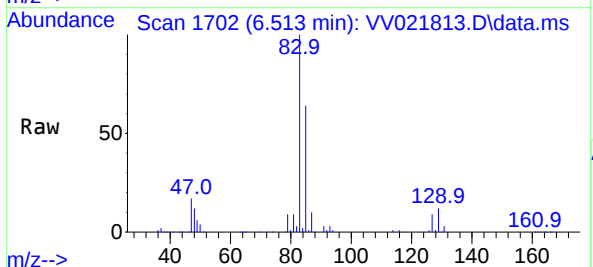
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

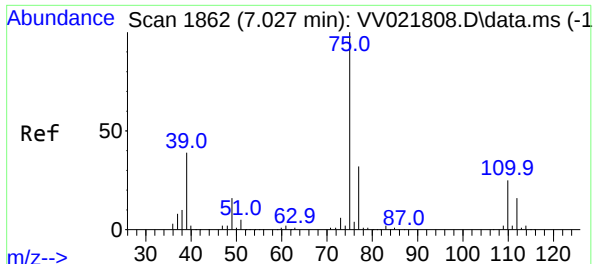
Tgt Ion: 63 Resp: 157281
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 48.386 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 83 Resp: 206093
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9
127 8.7 7.4 11.2

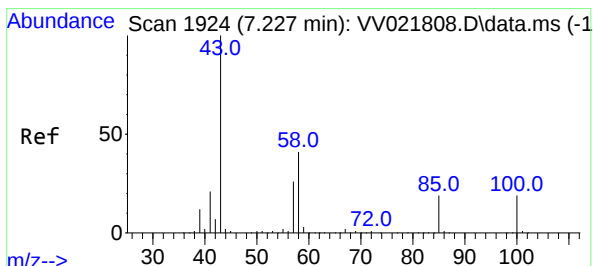
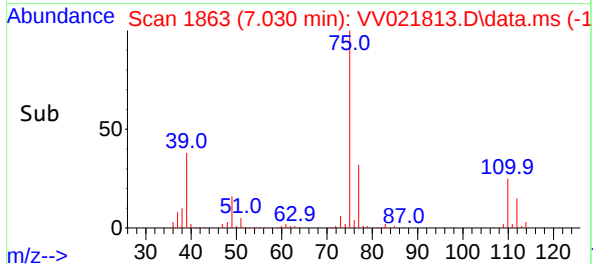
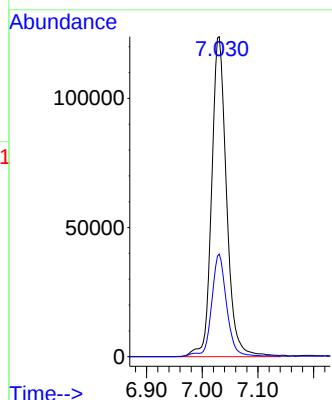
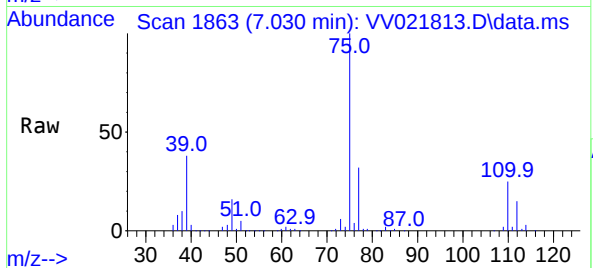




#39
cis-1,3-Dichloropropene
Concen: 45.243 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

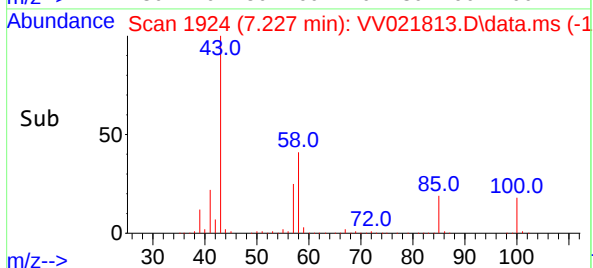
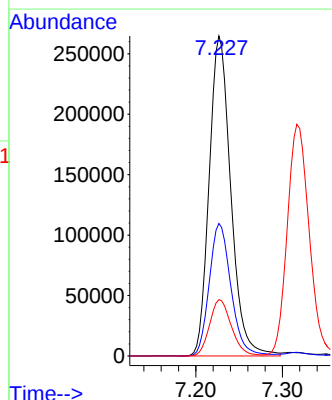
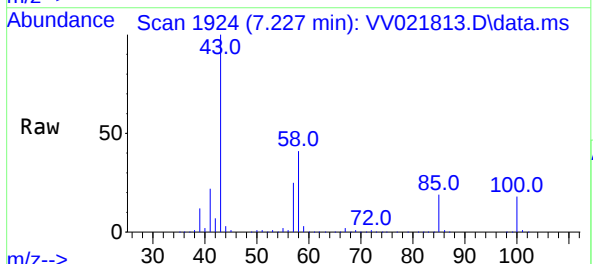
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

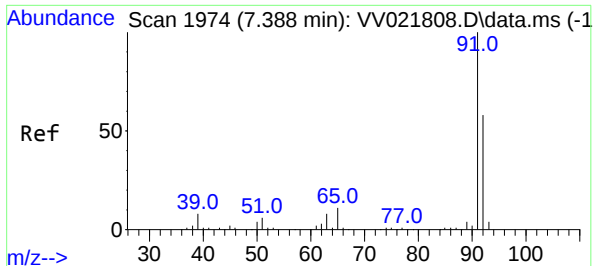
Tgt Ion: 75 Resp: 231521
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 103.388 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 43 Resp: 459600
Ion Ratio Lower Upper
43 100
58 41.6 32.9 49.3
100 17.8 14.0 21.0





#42

Toluene

Concen: 47.774 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021813.D

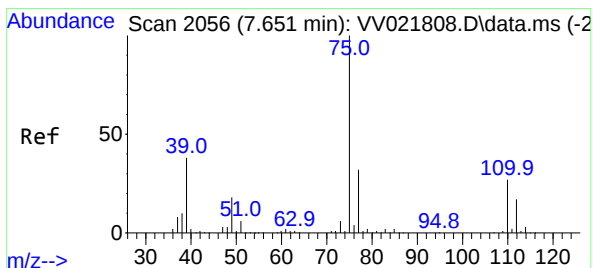
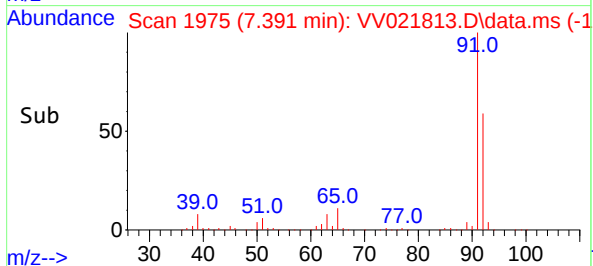
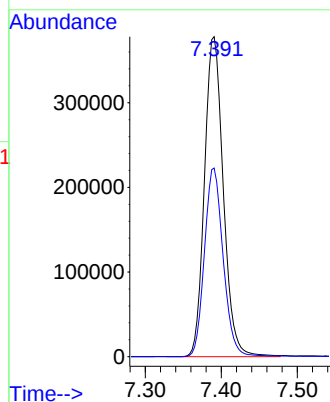
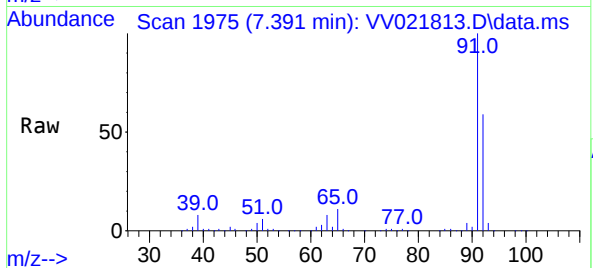
Acq: 17 Aug 2021 13:43

Tgt Ion: 91 Resp: 651210

Ion Ratio Lower Upper

91 100

92 59.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 44.553 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV021813.D

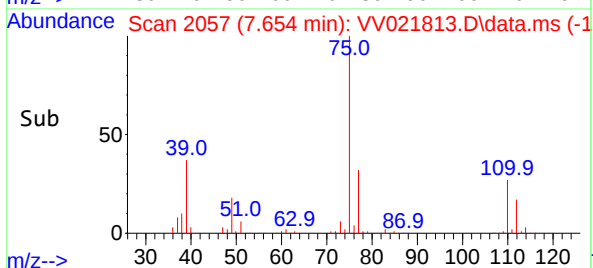
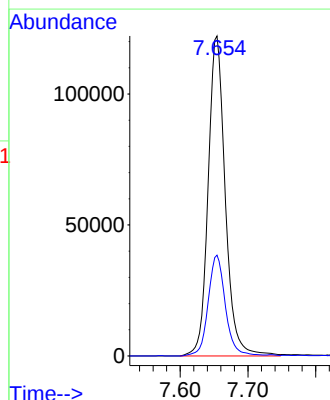
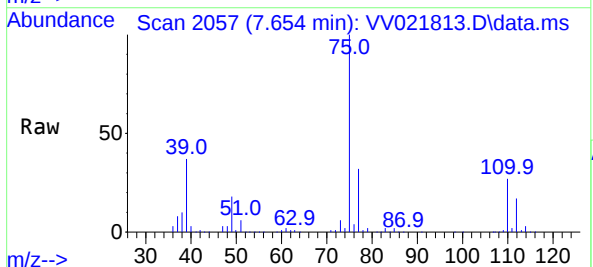
Acq: 17 Aug 2021 13:43

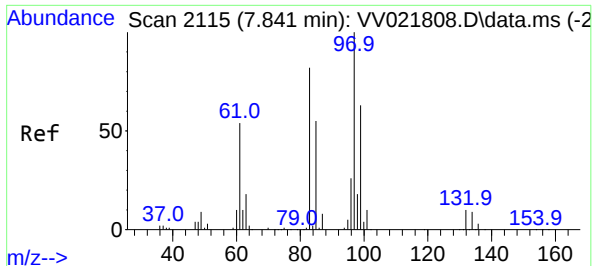
Tgt Ion: 75 Resp: 214856

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2



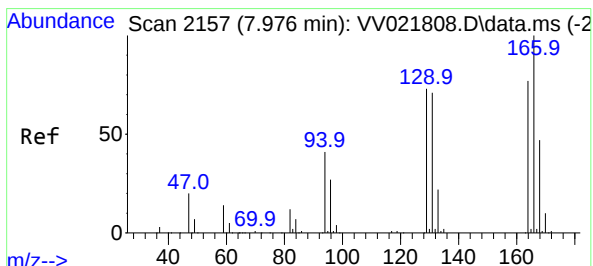
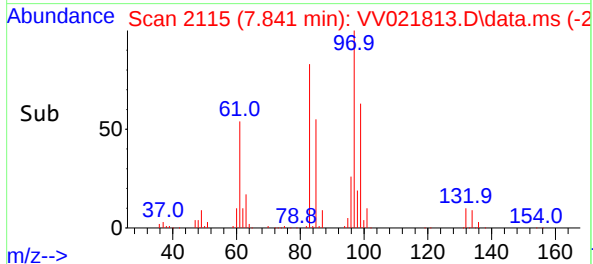
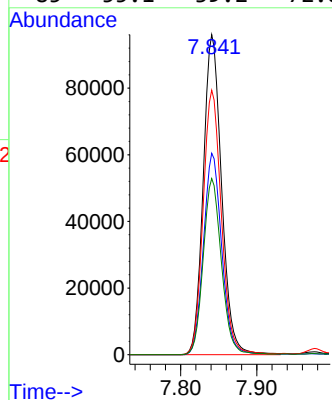
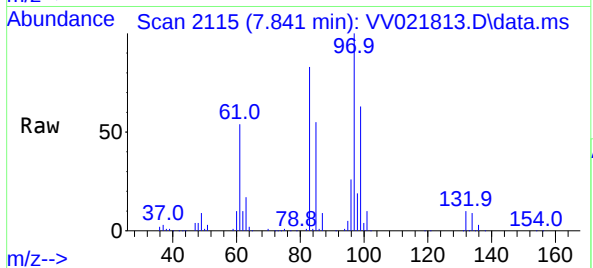


#45
1,1,2-Trichloroethane
Concen: 49.756 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion: 97 Resp: 161079

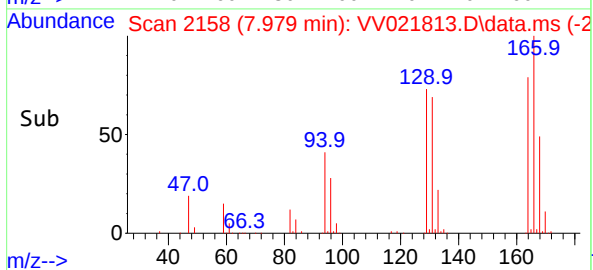
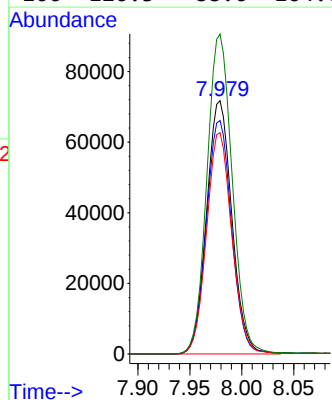
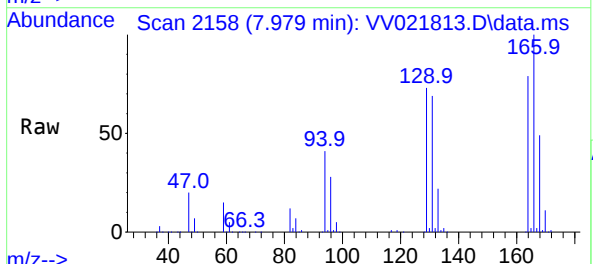
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.2	82.0
83	82.6	59.2	110.0
85	55.1	39.2	72.8

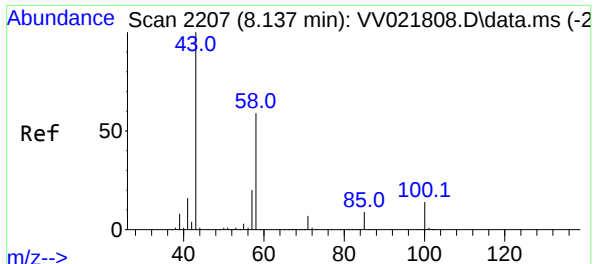


#46
Tetrachloroethene
Concen: 44.679 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:164 Resp: 121780

Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.7	118.3
131	87.3	61.5	114.3
166	126.3	88.6	164.6



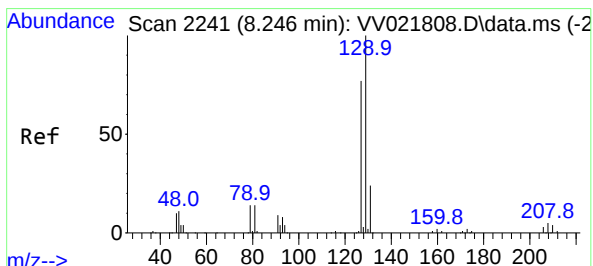
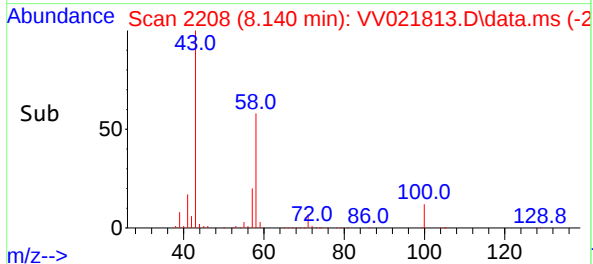
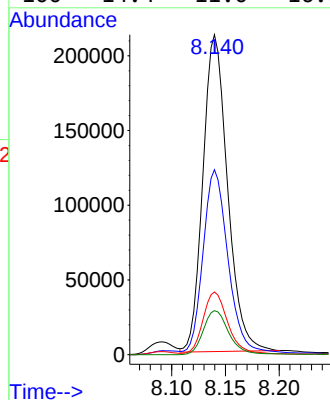
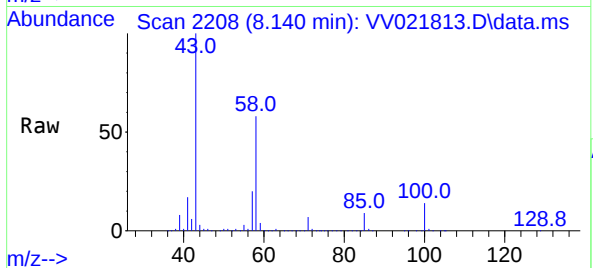


#48
2-Hexanone
Concen: 98.282 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion: 43 Resp: 338428

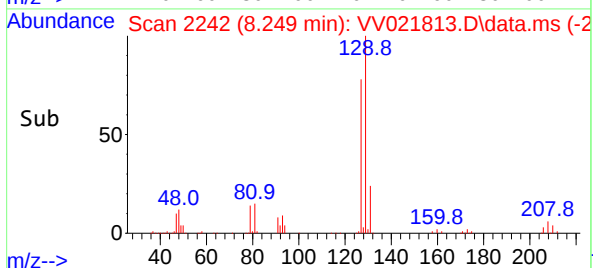
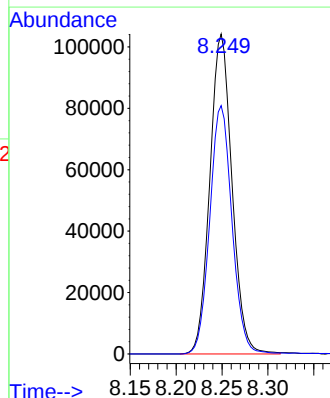
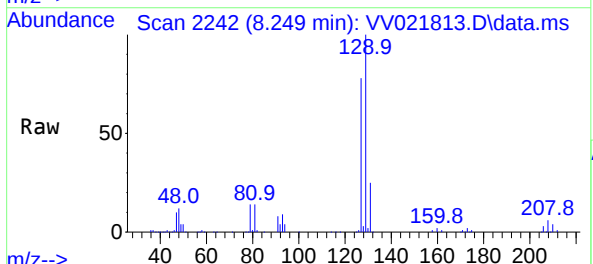
Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.4	68.2
57	19.5	15.3	22.9
100	14.4	11.0	16.6

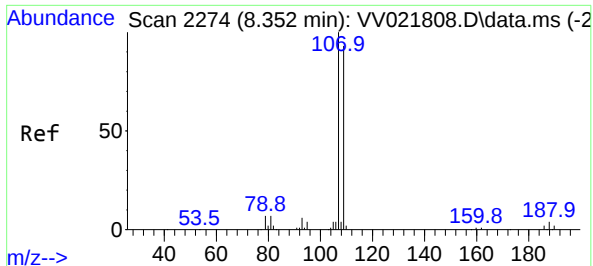


#49
Dibromochloromethane
Concen: 49.067 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 129 Resp: 175383

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.9	101.9

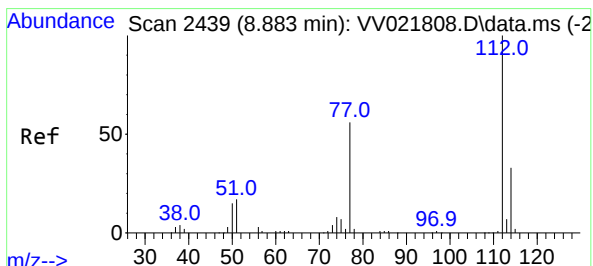
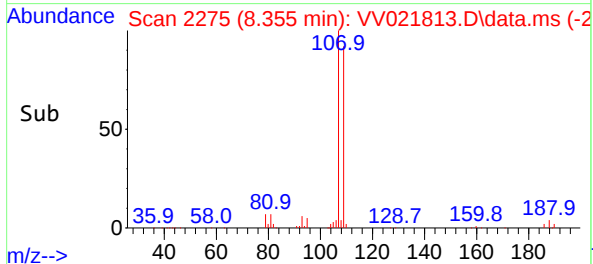
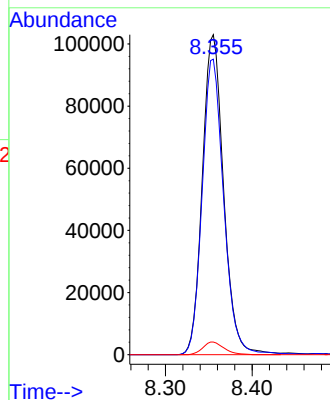
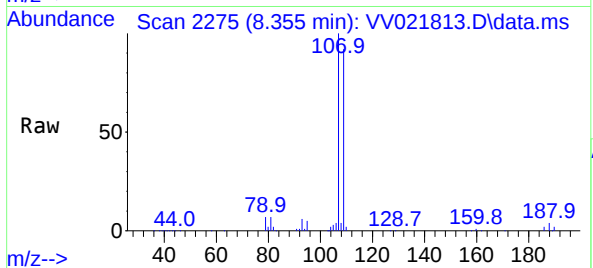




#50
1,2-Dibromoethane
Concen: 49.694 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

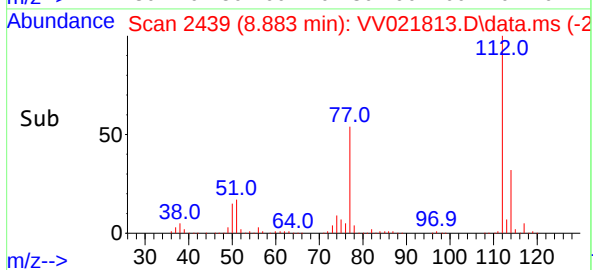
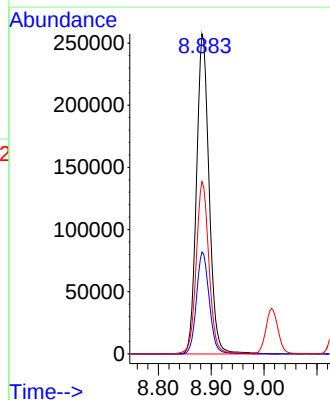
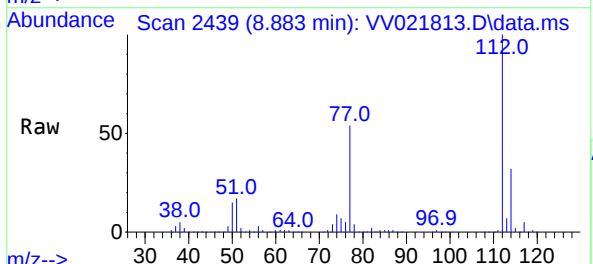
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

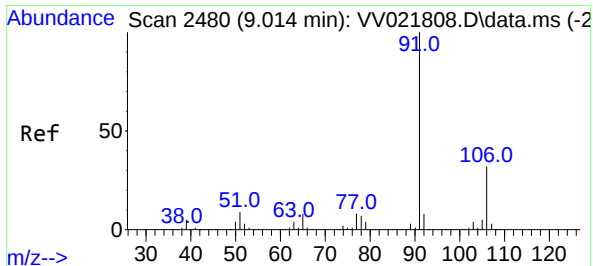
Tgt Ion:107 Resp: 175072
Ion Ratio Lower Upper
107 100
109 92.4 66.3 123.1
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 47.865 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:112 Resp: 425994
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 53.9 43.7 65.5





#52

Ethylbenzene

Concen: 47.319 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV021813.D

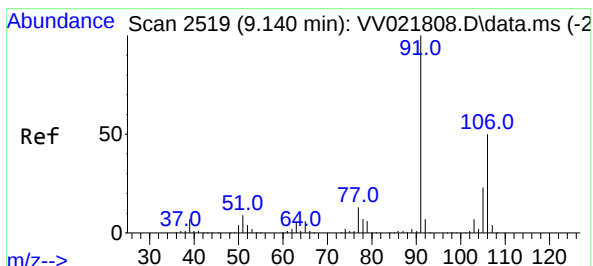
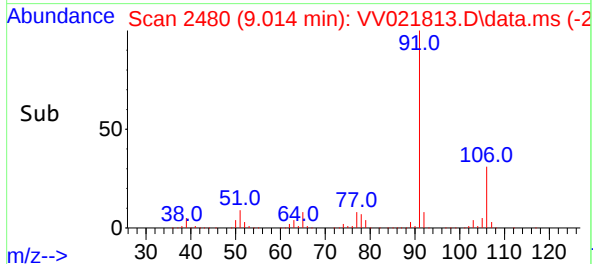
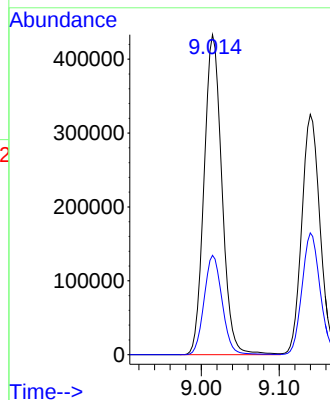
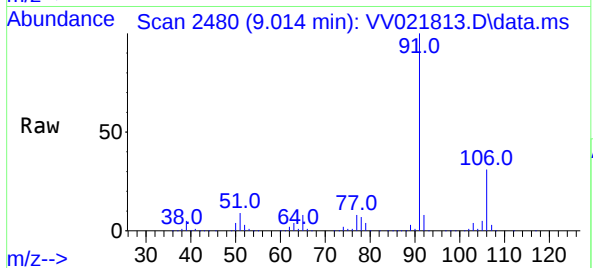
Acq: 17 Aug 2021 13:43

Tgt Ion: 91 Resp: 688122

Ion Ratio Lower Upper

91 100

106 31.1 22.2 41.2



#53

m,p-Xylene

Concen: 46.972 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021813.D

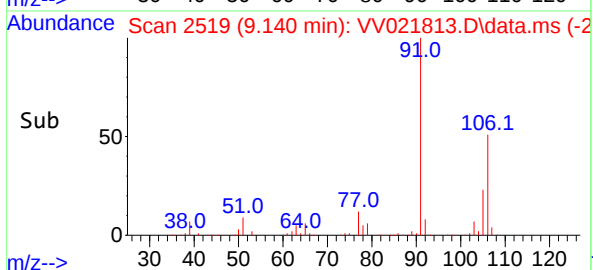
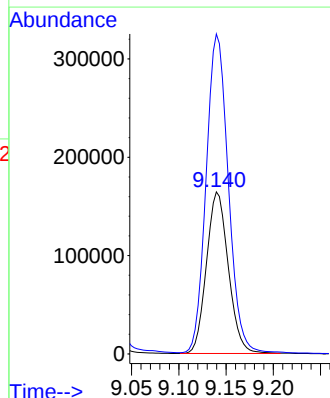
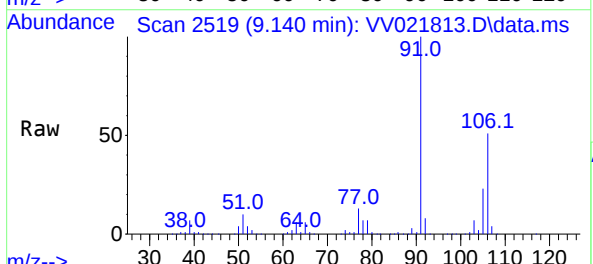
Acq: 17 Aug 2021 13:43

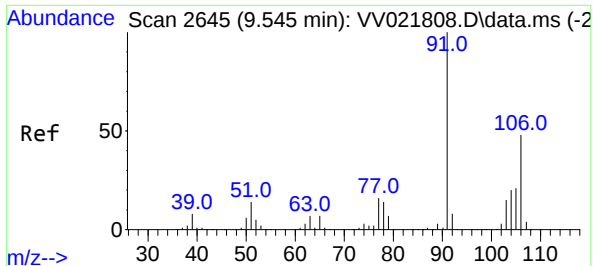
Tgt Ion: 106 Resp: 264733

Ion Ratio Lower Upper

106 100

91 197.4 139.2 258.6

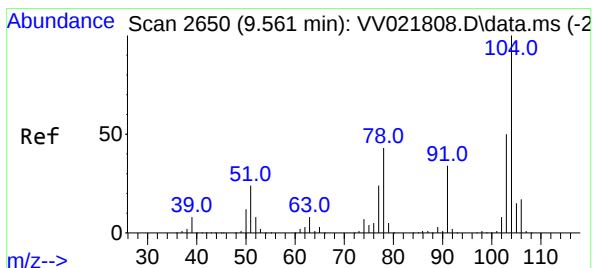
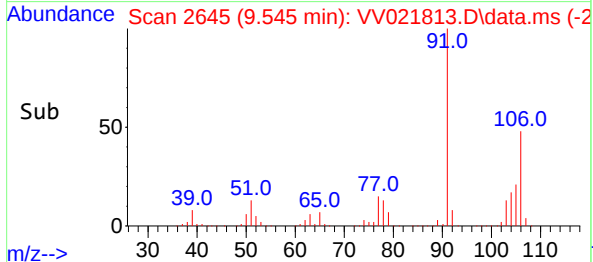
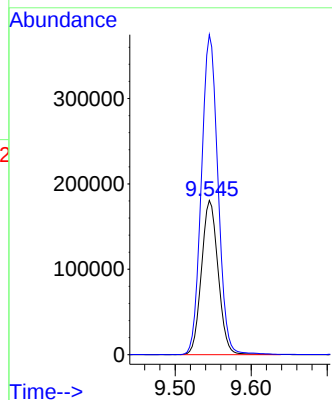
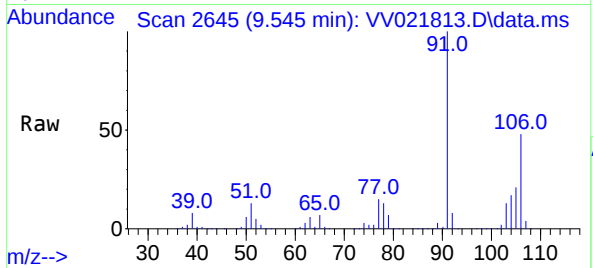




#54
o-Xylene
Concen: 49.136 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

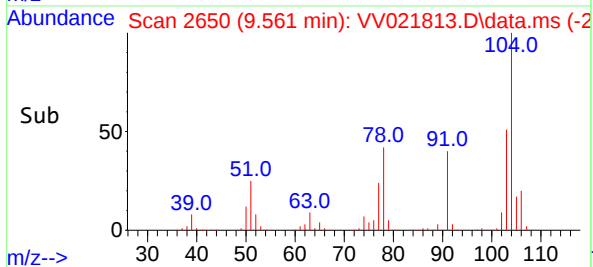
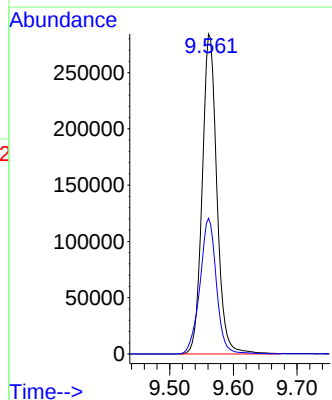
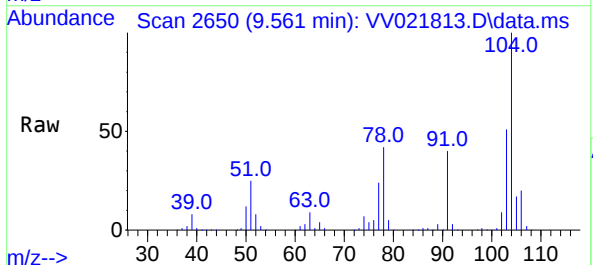
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

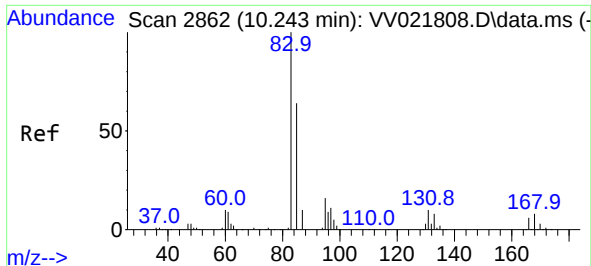
Tgt Ion:106 Resp: 274506
Ion Ratio Lower Upper
106 100
91 207.5 148.1 275.0



#55
Styrene
Concen: 48.791 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:104 Resp: 456450
Ion Ratio Lower Upper
104 100
78 42.4 30.2 56.2



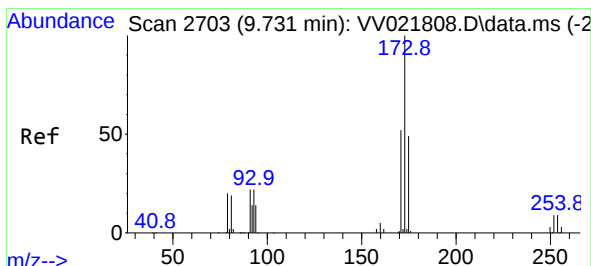
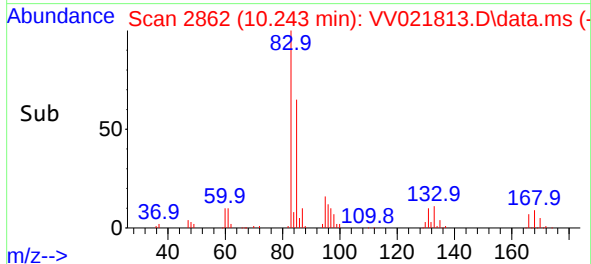
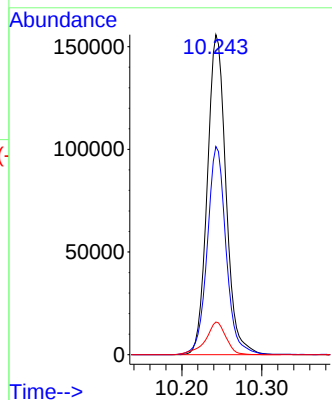
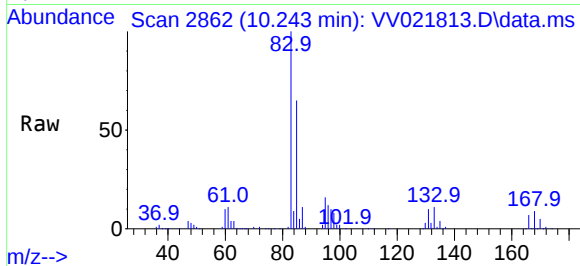


#57
1,1,2,2-Tetrachloroethane
Concen: 56.162 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion: 83 Resp: 253110

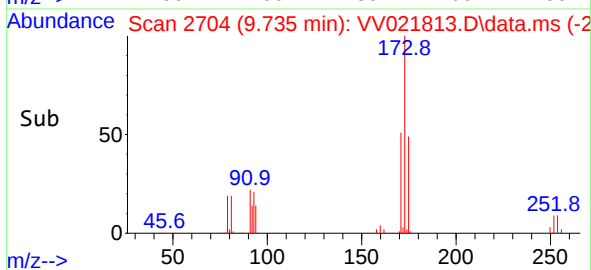
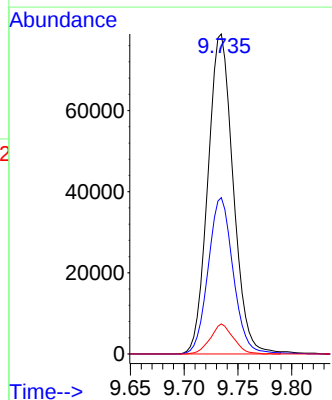
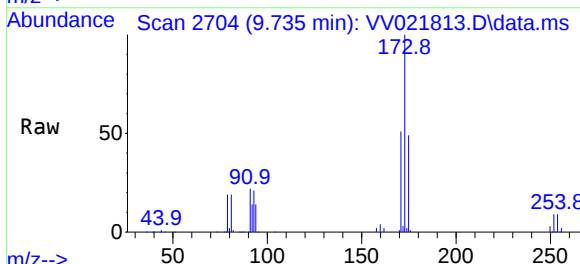
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.4	82.5
131	10.2	7.9	11.9

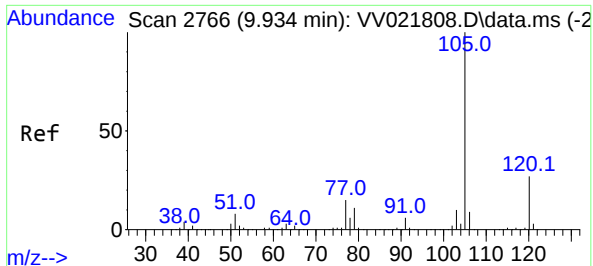


#59
Bromoform
Concen: 50.920 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 173 Resp: 128920

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.6	58.0
254	8.5	7.2	10.8



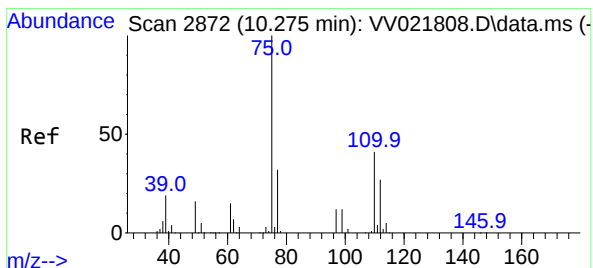
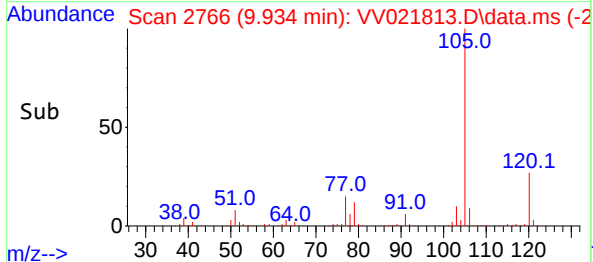
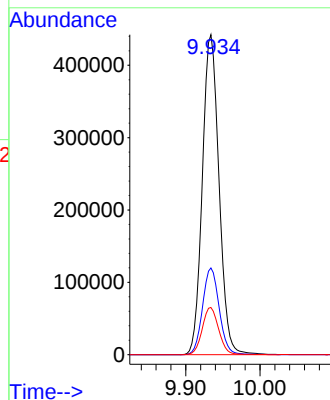
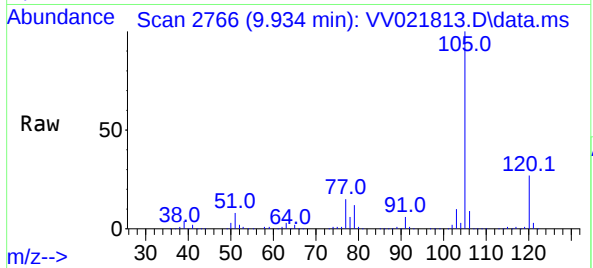


#60
Isopropylbenzene
Concen: 48.347 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion:105 Resp: 690348

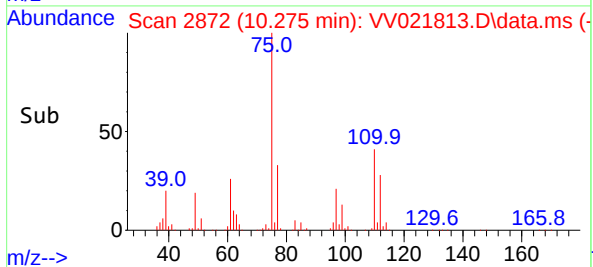
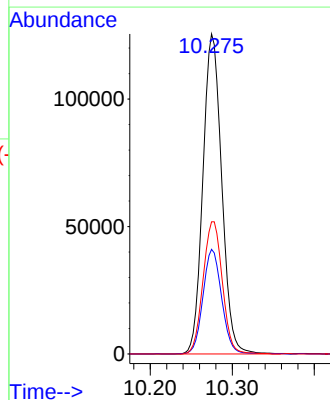
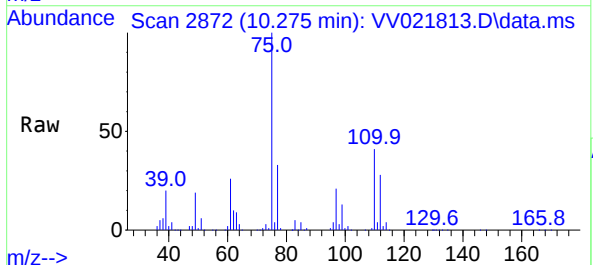
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.3	31.9
77	14.6	11.8	17.8

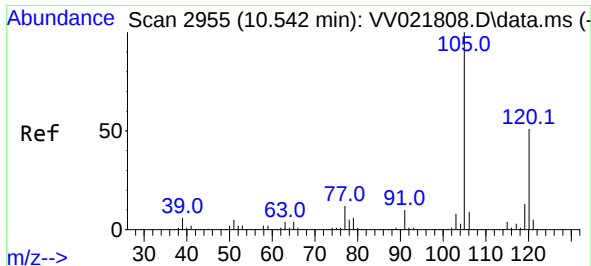


#61
1,2,3-Trichloropropane
Concen: 50.817 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 75 Resp: 200012

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
110	42.3	33.4	50.2

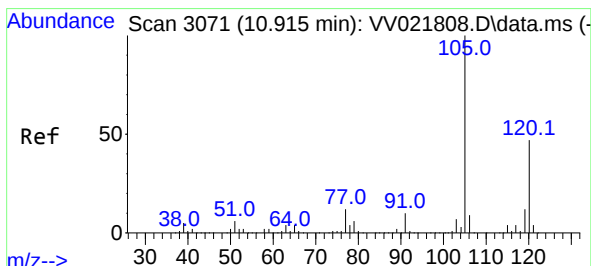
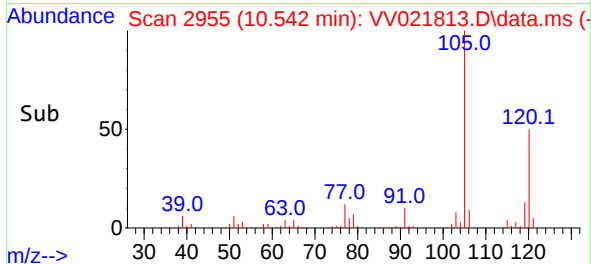
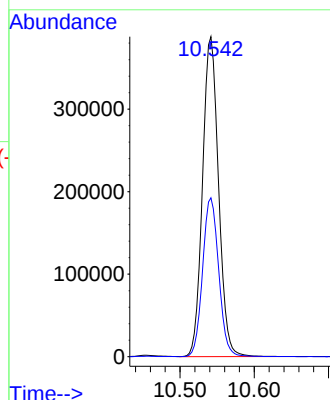
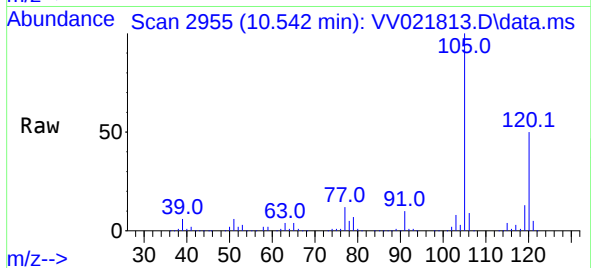




#62
1,3,5-Trimethylbenzene
Concen: 48.428 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

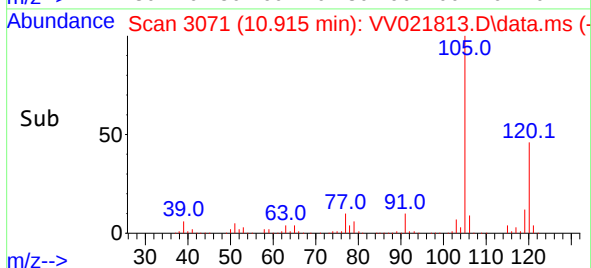
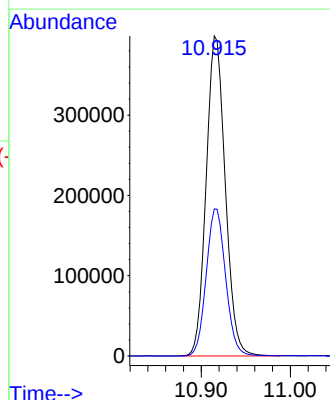
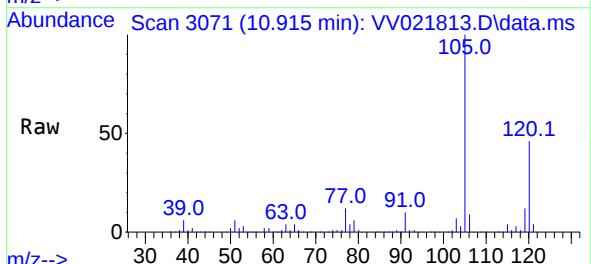
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

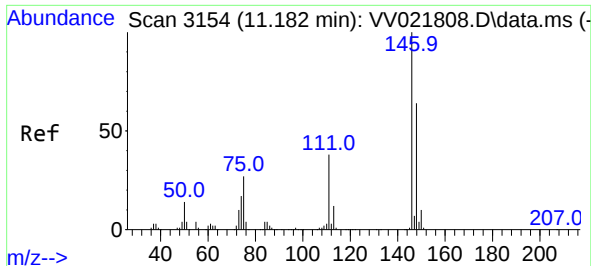
Tgt Ion:105 Resp: 580293
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 48.632 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:105 Resp: 592502
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

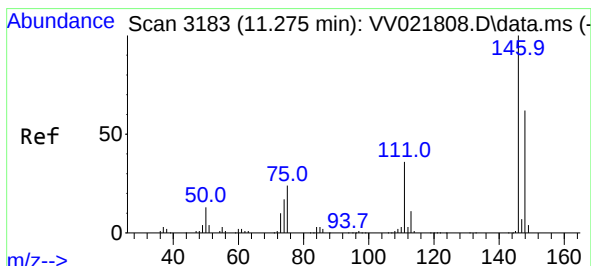
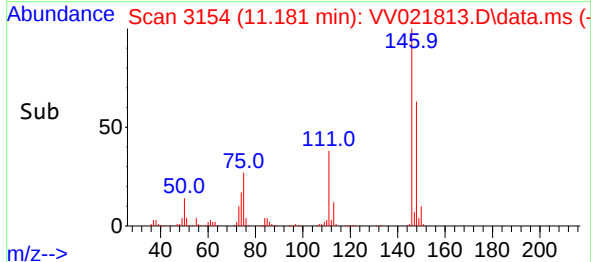
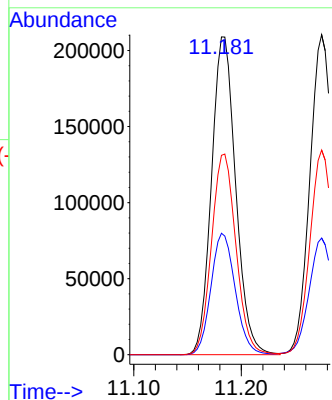
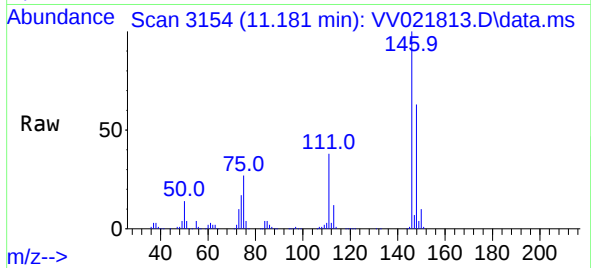




#64
1,3-Dichlorobenzene
Concen: 47.359 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

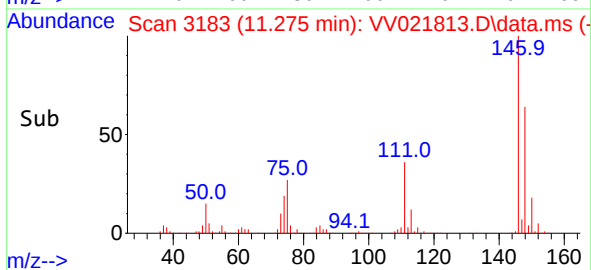
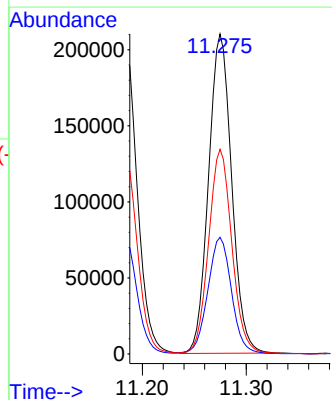
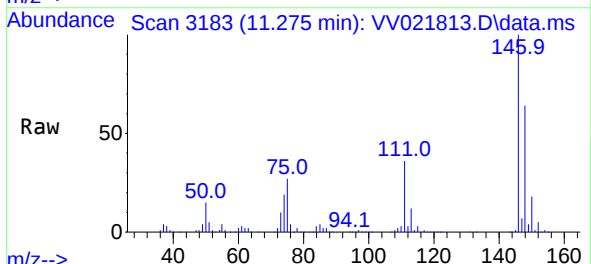
Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

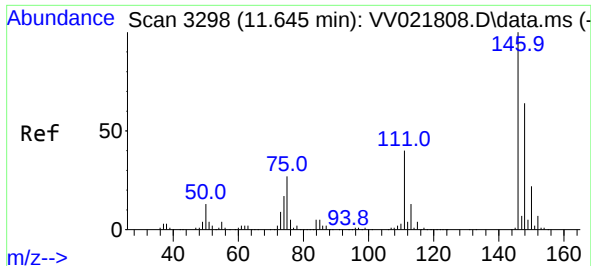
Tgt Ion:146 Resp: 327477
Ion Ratio Lower Upper
146 100
111 38.2 26.5 49.1
148 62.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 46.962 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:146 Resp: 324142
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.6
148 63.9 45.1 83.9



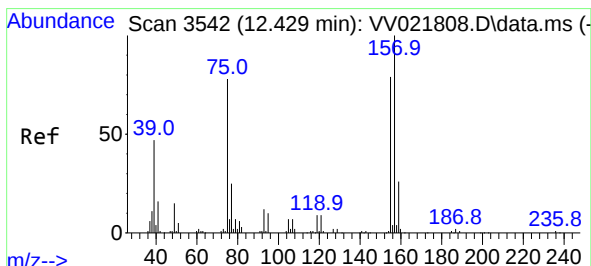
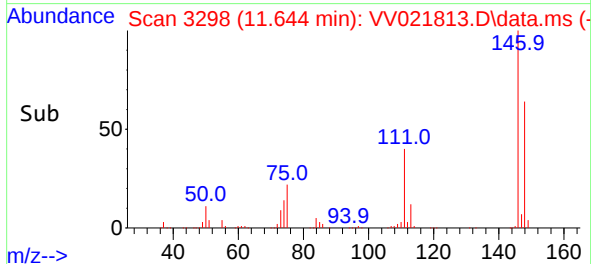
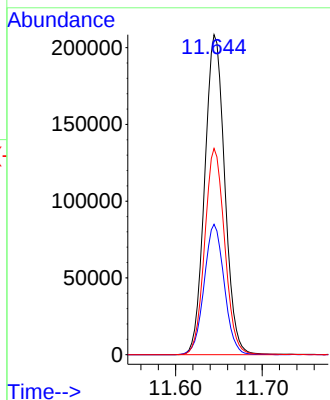
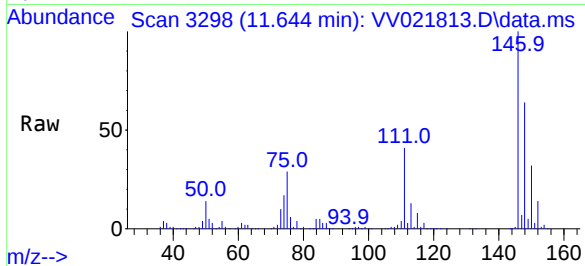


#67
1,2-Dichlorobenzene
Concen: 48.038 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion:146 Resp: 335096

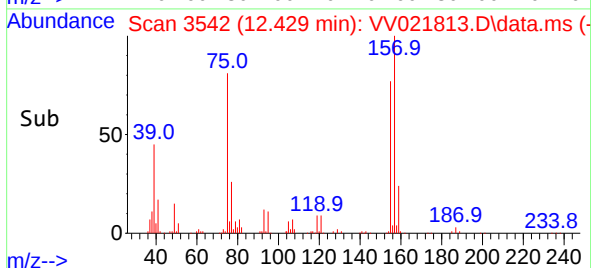
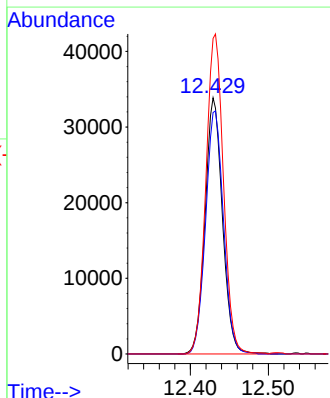
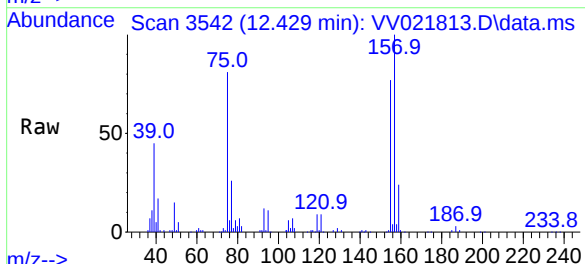
Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.8	47.8
148	64.5	51.0	76.6

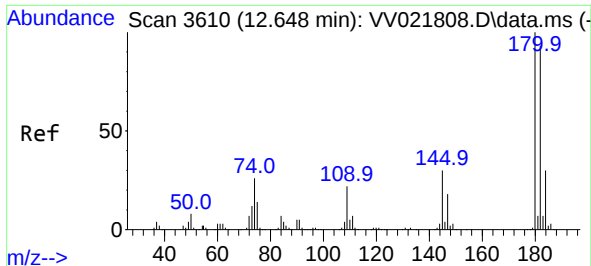


#68
1,2-Dibromo-3-chloropropane
Concen: 54.810 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion: 75 Resp: 52450

Ion	Ratio	Lower	Upper
75	100		
155	94.3	77.8	116.8
157	123.2	99.4	149.0



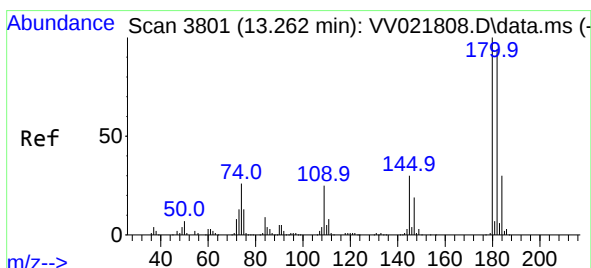
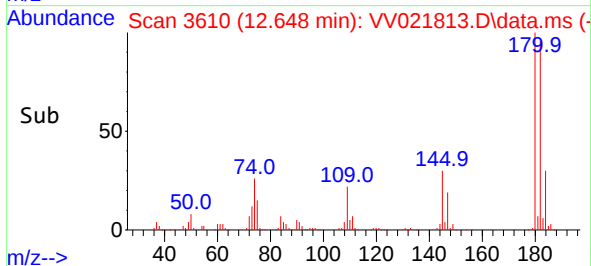
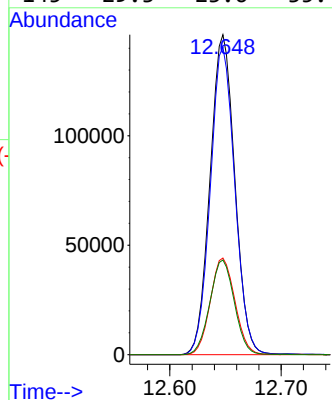
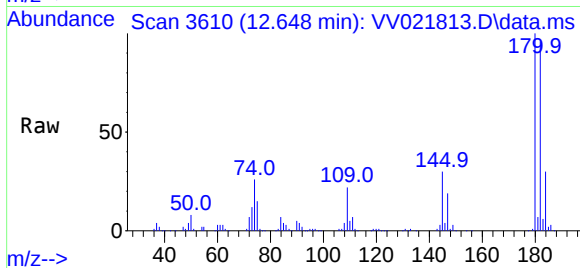


#69
1,3,5-Trichlorobenzene
Concen: 44.950 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion:180 Resp: 225306

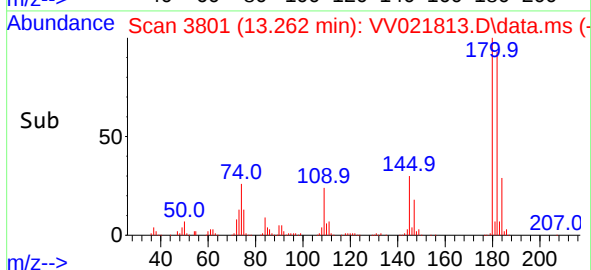
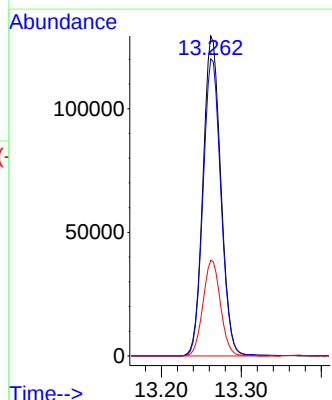
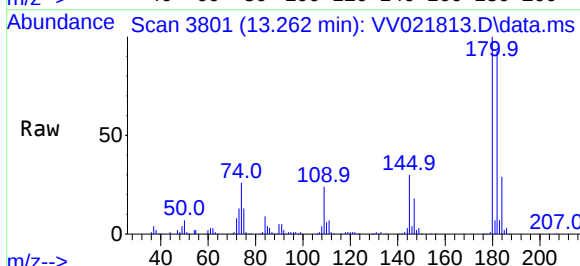
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
184	30.1	24.1	36.1
145	29.3	23.6	35.4

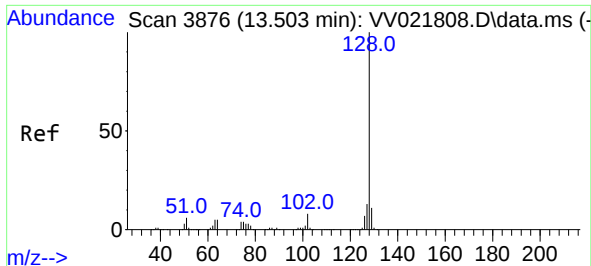


#70
1,2,4-trichlorobenzene
Concen: 47.684 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:180 Resp: 200455

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	29.5	23.9	35.9

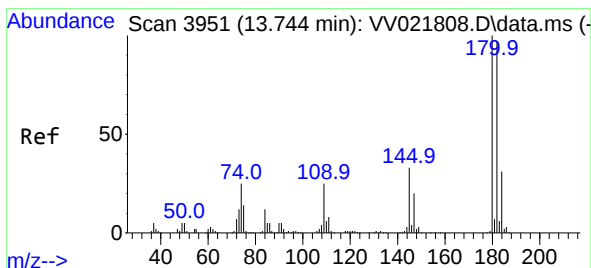
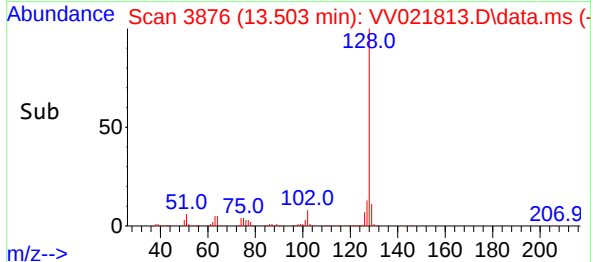
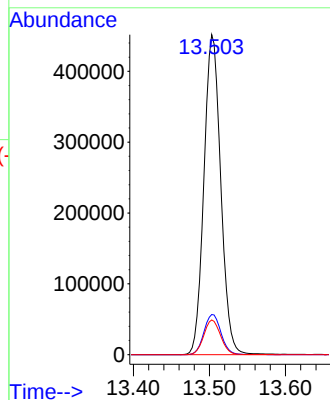
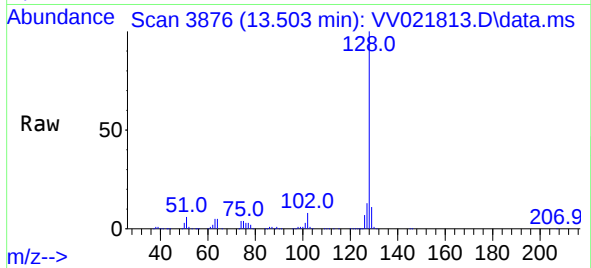




#71
Naphthalene
Concen: 56.912 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Instrument :
MSVOA_V
ClientSampleId :
DBKC7MSD

Tgt Ion:128 Resp: 694955
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.969 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021813.D
Acq: 17 Aug 2021 13:43

Tgt Ion:180 Resp: 206799
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 33.2 25.6 38.4

