

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
 Data File : VV021924.D
 Acq On : 20 Aug 2021 19:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 00:57:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 21 00:50:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	444161	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	415168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	220483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130774	37.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.320%
7) Chloroethane-d5	1.558	69	100390	38.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.620%
11) 1,1-Dichloroethene-d2	2.105	63	214096	38.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.480%
21) 2-Butanone-d5	3.876	46	183186	84.826	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.830%
24) Chloroform-d	4.349	84	241232	40.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.034	65	139094	40.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.400%
32) Benzene-d6	5.050	84	485595	40.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
36) 1,2-Dichloropropane-d6	6.072	67	151423	40.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.460%
41) Toluene-d8	7.317	98	455364	41.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.540%
43) trans-1,3-Dichloroprop...	7.622	79	68875	37.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.280%
47) 2-Hexanone-d5	8.088	63	114167	93.693	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	202487	43.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	180048	39.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146534	42.644	ug/L	99
3) Chloromethane	1.240	50	161078	45.138	ug/L	99
5) Vinyl chloride	1.307	62	159928	45.512	ug/L	100
6) Bromomethane	1.507	94	95901	45.406	ug/L	97
8) Chloroethane	1.574	64	97005	46.196	ug/L	100
9) Trichlorofluoromethane	1.748	101	215734	44.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	117683	42.692	ug/L	99
12) 1,1-Dichloroethene	2.114	96	114716	43.692	ug/L	94
13) Acetone	2.159	43	127241	71.607	ug/L #	100
14) Carbon disulfide	2.288	76	372307	42.144	ug/L	99
15) Methyl Acetate	2.426	43	172845	52.948	ug/L	97
16) Methylene chloride	2.503	84	172164	47.142	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	145972	47.379	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	469647	49.566	ug/L	99
19) 1,1-Dichloroethane	3.188	63	265244	48.364	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	164902	46.222	ug/L	99
22) 2-Butanone	3.957	43	230790	89.184	ug/L	98
23) Bromochloromethane	4.249	128	86616	45.761	ug/L	96
25) Chloroform	4.375	83	269097	45.601	ug/L	99

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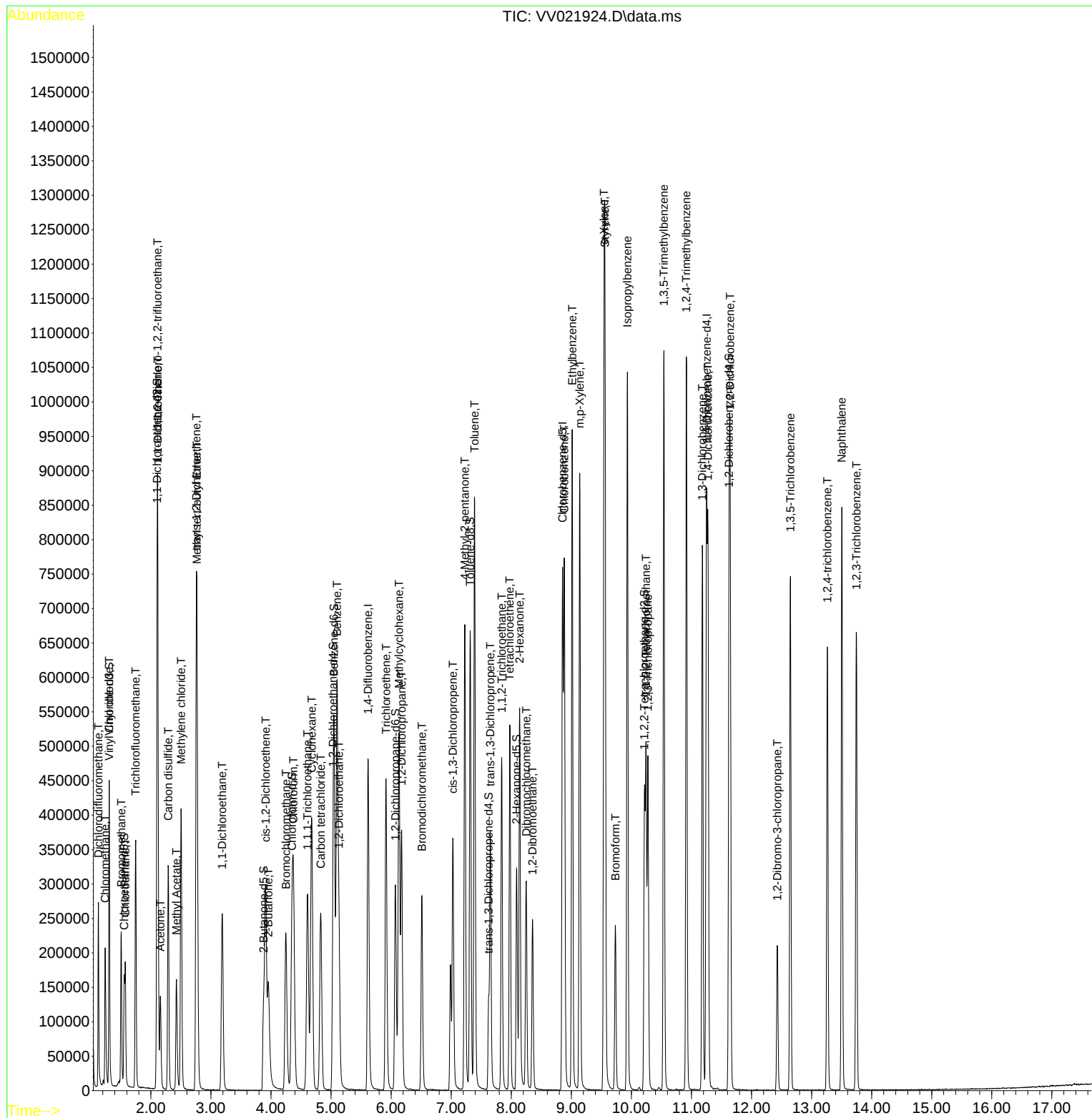
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	193580	46.559	ug/L	99
29) Cyclohexane	4.677	56	229884	44.959	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	238085	45.829	ug/L	100
31) Carbon tetrachloride	4.828	117	200186	44.533	ug/L	99
33) Benzene	5.098	78	598346	46.834	ug/L	100
34) Trichloroethene	5.915	95	157111	42.793	ug/L	97
35) Methylcyclohexane	6.133	83	233766	43.643	ug/L	100
37) 1,2-Dichloropropane	6.175	63	153798	47.542	ug/L	100
38) Bromodichloromethane	6.513	83	188293	44.161	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	229432	44.788	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	444922	99.983	ug/L	100
42) Toluene	7.387	91	636619	46.655	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	213890	44.307	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	153777	47.452	ug/L	98
46) Tetrachloroethene	7.976	164	121947	44.694	ug/L	99
48) 2-Hexanone	8.140	43	331879	96.280	ug/L	97
49) Dibromochloromethane	8.249	129	158429	44.278	ug/L	99
50) 1,2-Dibromoethane	8.355	107	165994	47.069	ug/L	99
51) Chlorobenzene	8.883	112	413482	46.411	ug/L	99
52) Ethylbenzene	9.014	91	675391	46.395	ug/L	99
53) m,p-Xylene	9.140	106	259971	46.079	ug/L	98
54) o-Xylene	9.545	106	261894	46.830	ug/L	100
55) Styrene	9.561	104	445918	47.616	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	239832	53.161	ug/L	100
59) Bromoform	9.735	173	109526	41.788	ug/L	99
60) Isopropylbenzene	9.934	105	678103	45.874	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	193123	47.397	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	572345	46.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	585644	46.433	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	327681	45.776	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	324616	45.430	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	334635	46.340	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	48569	49.027	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	235151	45.318	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	201115	46.214	ug/L	100
71) Naphthalene	13.503	128	661463	52.326	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	210981	48.259	ug/L	99

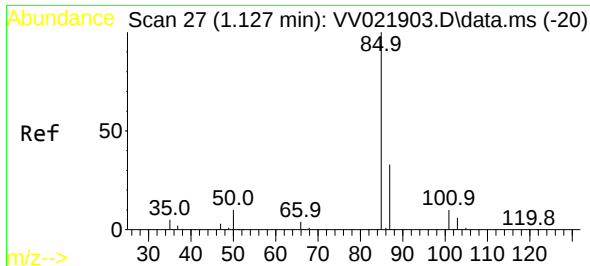
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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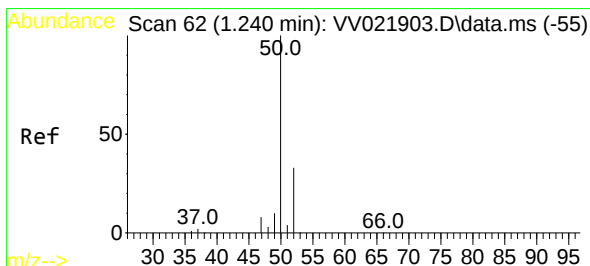
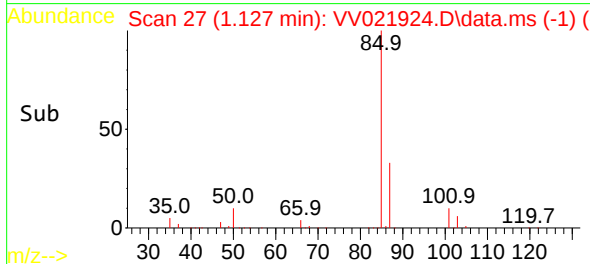
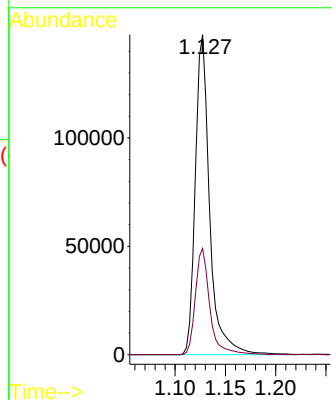
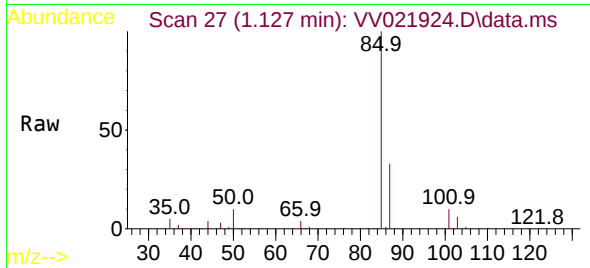




#2
 Dichlorodifluoromethane
 Concen: 42.644 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021924.D
 Acq: 20 Aug 2021 19:25

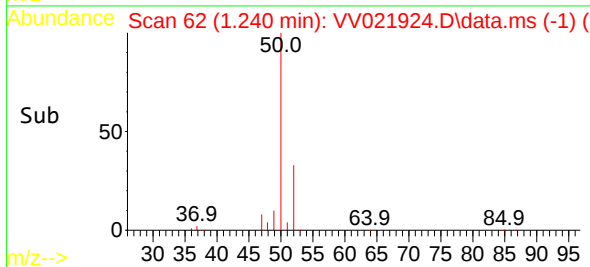
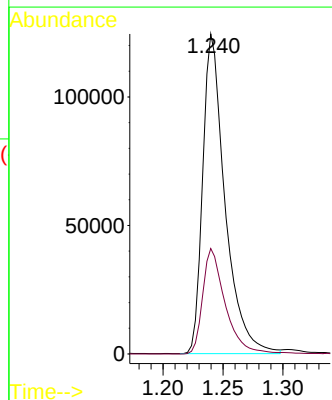
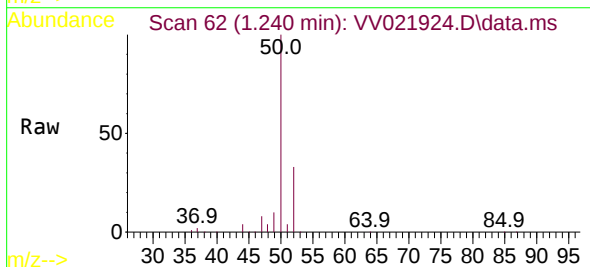
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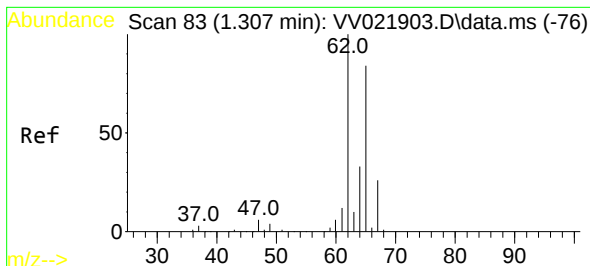
Tgt Ion: 85 Resp: 146534
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.1 39.1



#3
 Chloromethane
 Concen: 45.138 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021924.D
 Acq: 20 Aug 2021 19:25

Tgt Ion: 50 Resp: 161078
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1

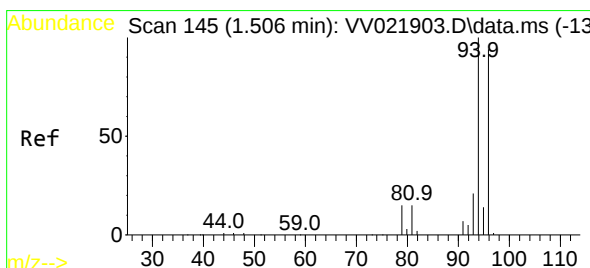
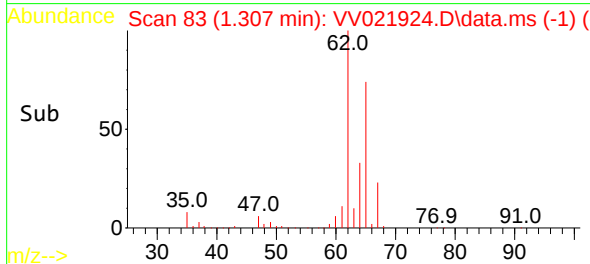
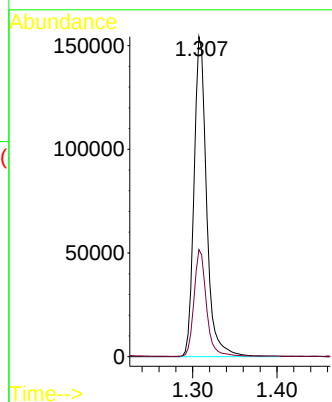
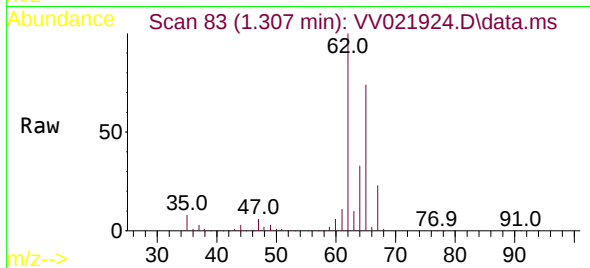




#5
 Vinyl chloride
 Concen: 45.512 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021924.D
 Acq: 20 Aug 2021 19:25

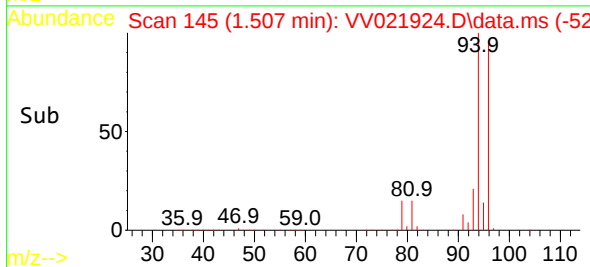
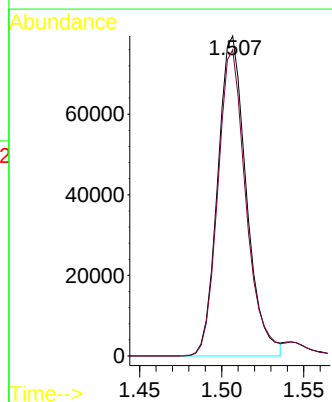
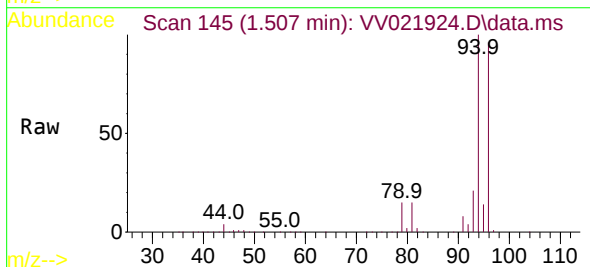
Instrument :
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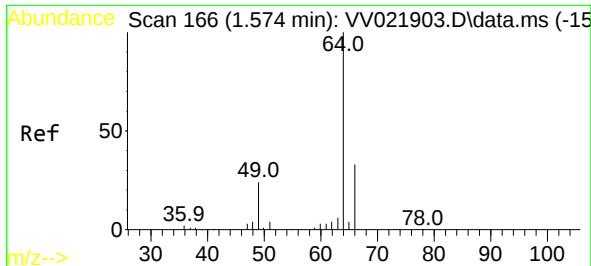
Tgt Ion: 62 Resp: 159928
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 45.406 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021924.D
 Acq: 20 Aug 2021 19:25

Tgt Ion: 94 Resp: 95901
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.8 120.3

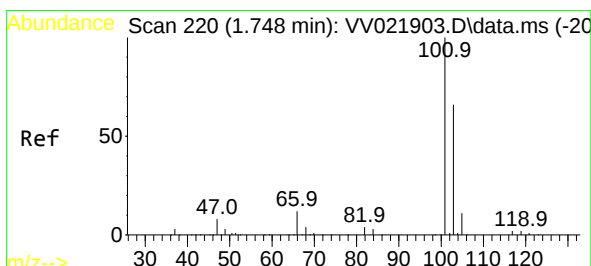
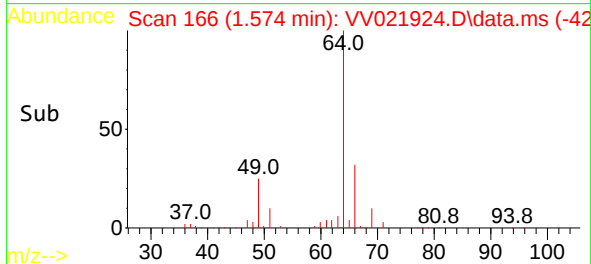
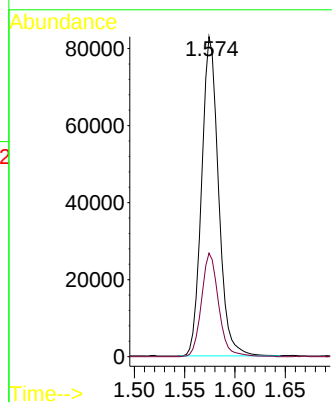
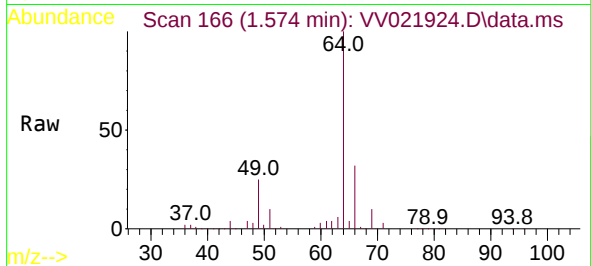




#8
Chloroethane
Concen: 46.196 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

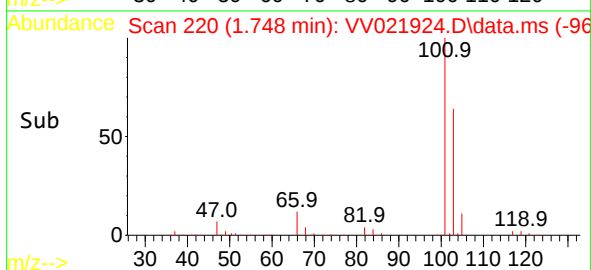
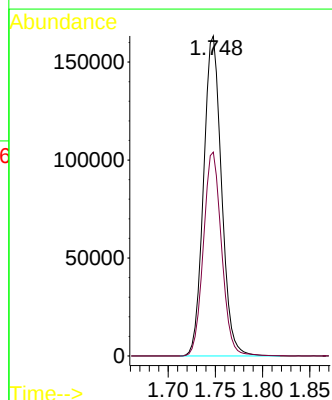
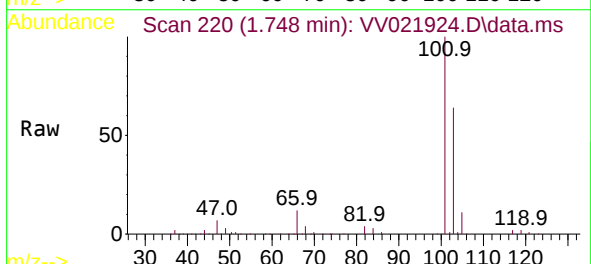
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ClientSampleId :

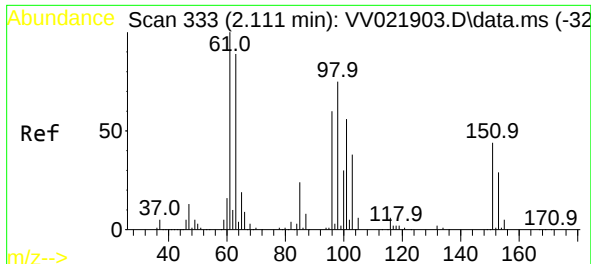
Tgt Ion: 64 Resp: 97005
Ion Ratio Lower Upper
64 100
66 32.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 44.808 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:101 Resp: 215734
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

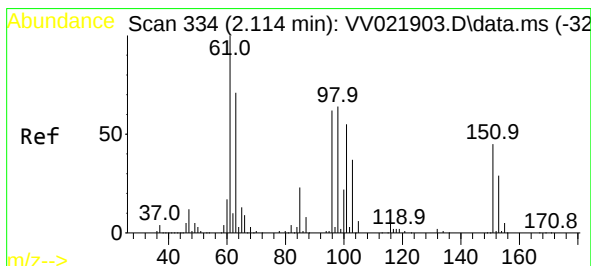
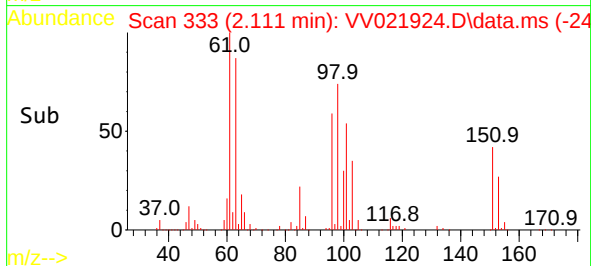
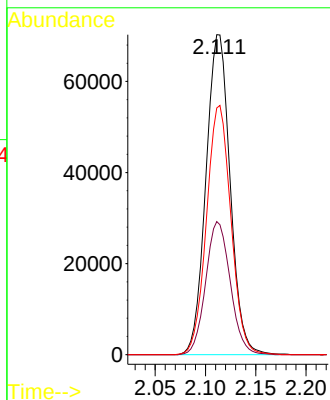
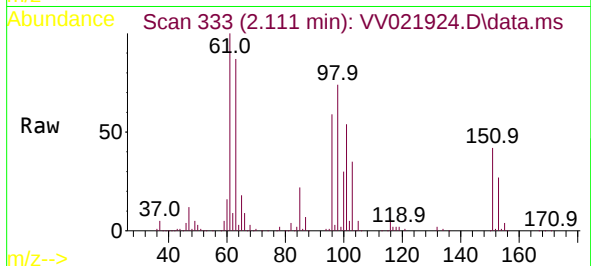




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.692 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

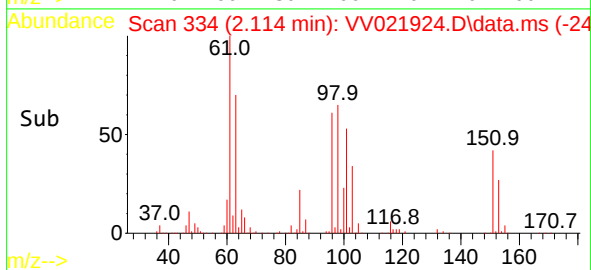
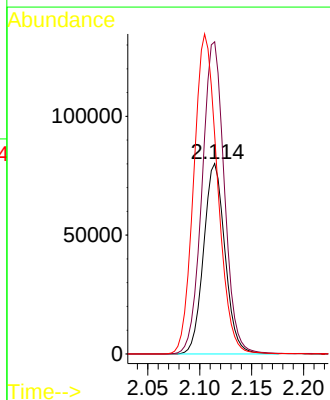
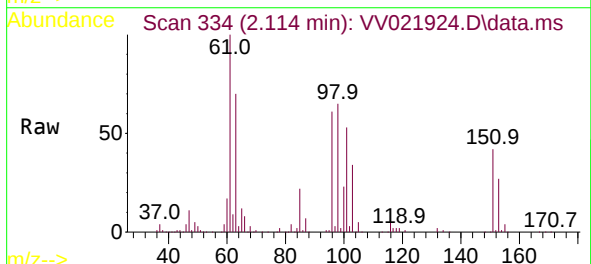
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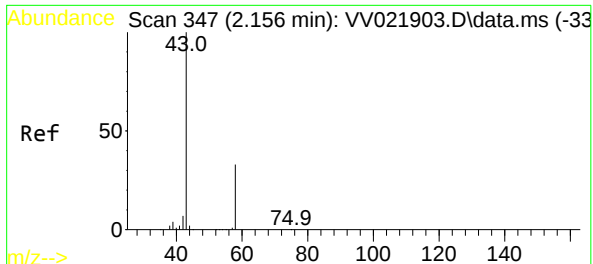
Tgt Ion:101 Resp: 117683
Ion Ratio Lower Upper
101 100
85 42.2 33.4 50.2
151 78.7 62.2 93.2



#12
1,1-Dichloroethene
Concen: 43.692 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 96 Resp: 114716
Ion Ratio Lower Upper
96 100
61 164.0 115.5 214.5
63 114.9 90.3 167.7

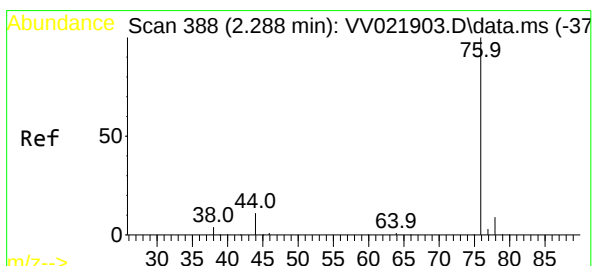
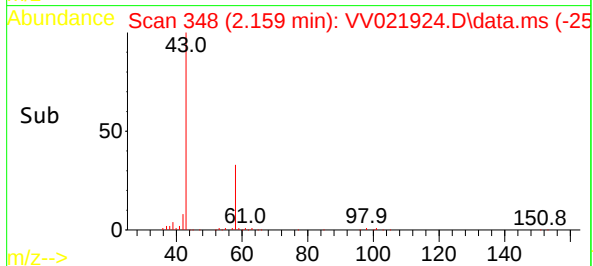
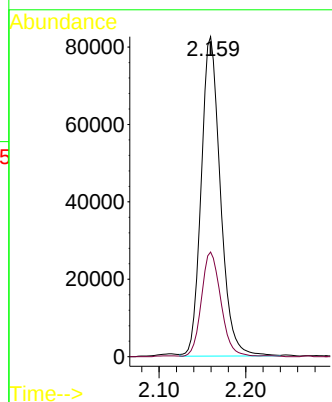
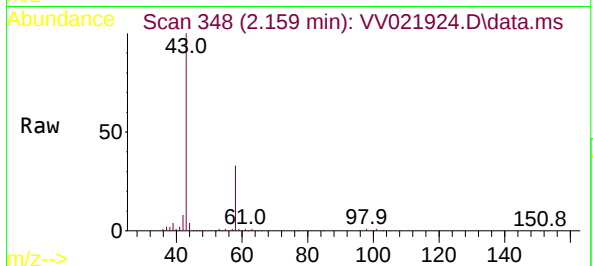




#13
Acetone
Concen: 71.607 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

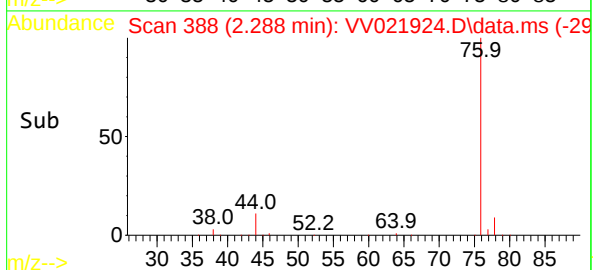
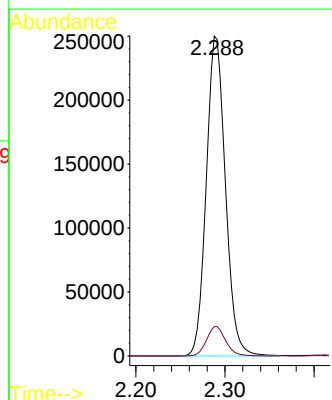
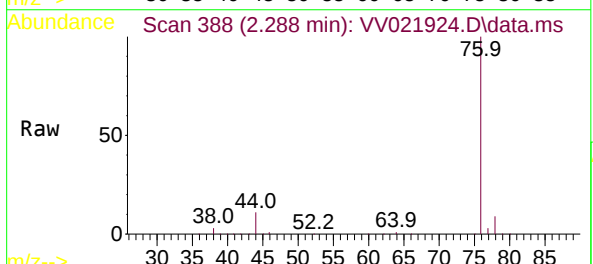
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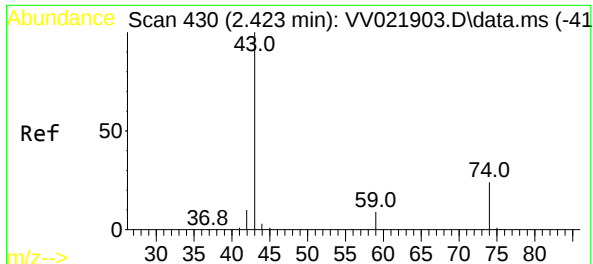
Tgt Ion: 43 Resp: 127241
Ion Ratio Lower Upper
43 100
58 33.3 0.0 0.0#



#14
Carbon disulfide
Concen: 42.144 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 76 Resp: 372307
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

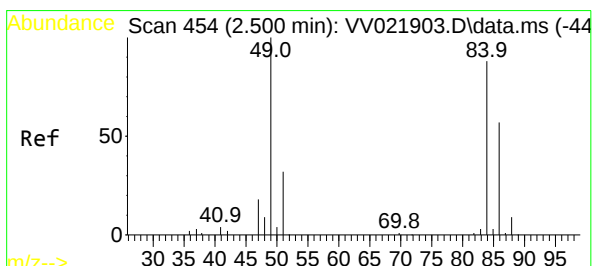
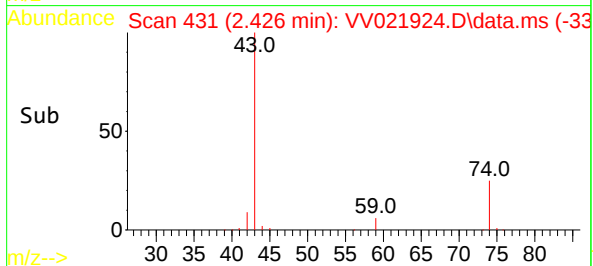
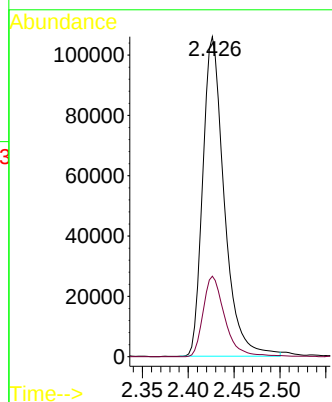
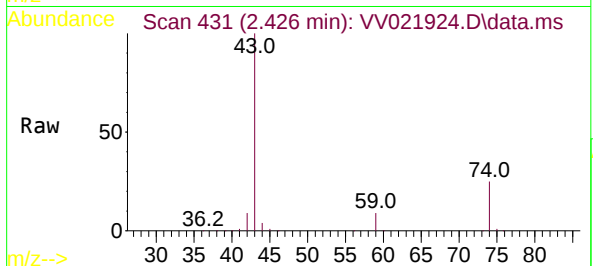




#15
Methyl Acetate
Concen: 52.948 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

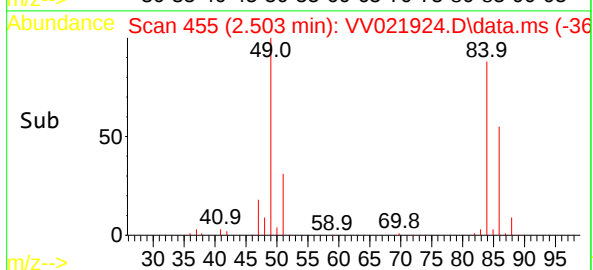
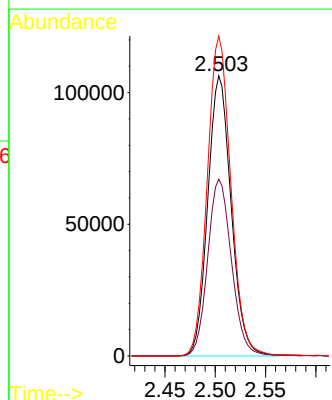
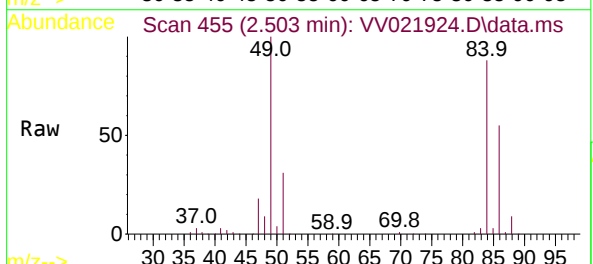
Instrument :
MSVOA_V
ClientSampled :

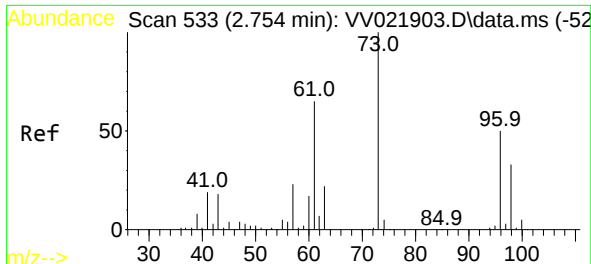
Tgt Ion: 43 Resp: 172845
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6



#16
Methylene chloride
Concen: 47.142 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 84 Resp: 172164
Ion Ratio Lower Upper
84 100
86 63.1 44.7 83.1
49 114.2 82.5 153.3

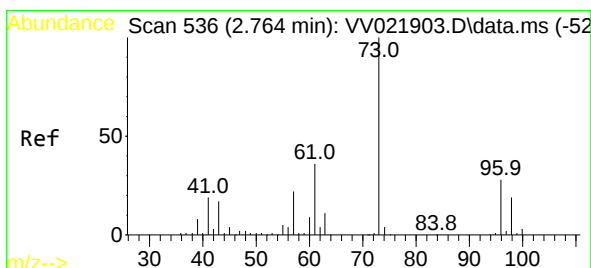
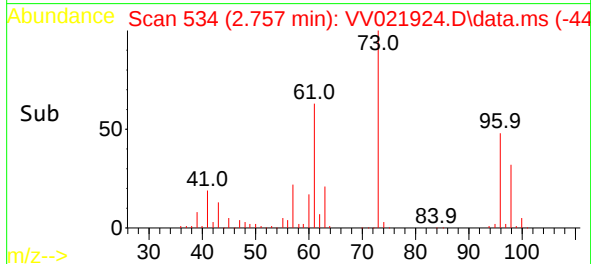
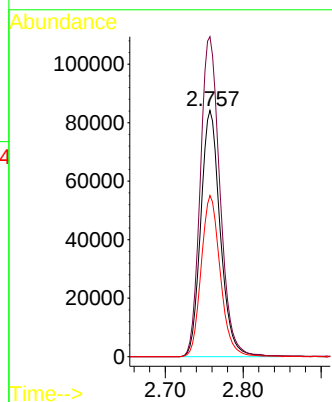
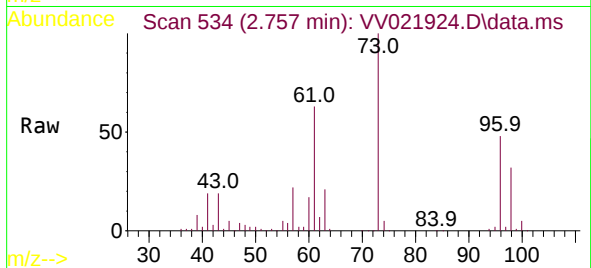




#17
trans-1,2-Dichloroethene
Concen: 47.379 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

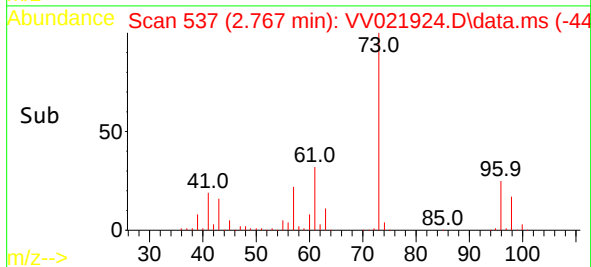
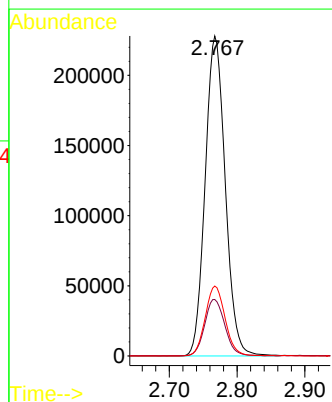
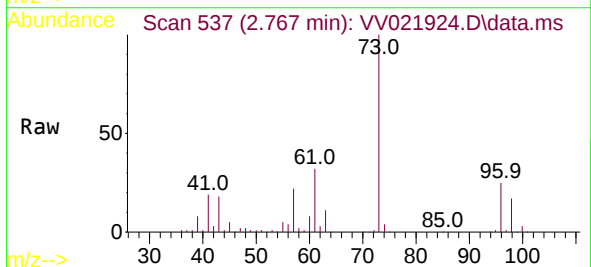
Instrument :
MSVOA_V
ClientSampled :

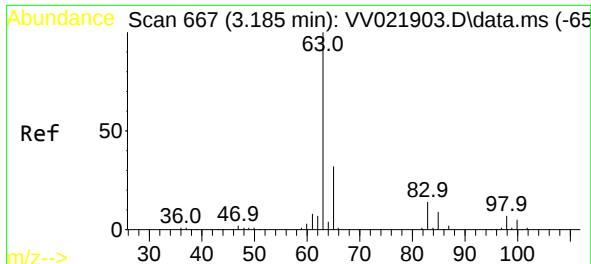
Tgt Ion: 96 Resp: 145972
Ion Ratio Lower Upper
96 100
61 130.0 90.4 168.0
98 65.4 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 49.566 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 73 Resp: 469647
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 48.364 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

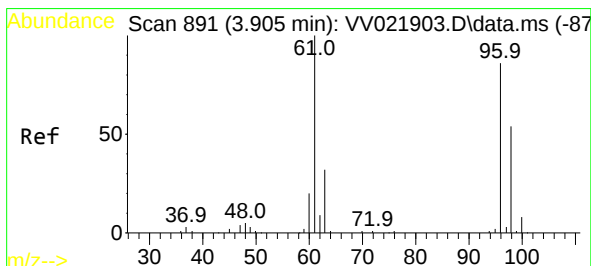
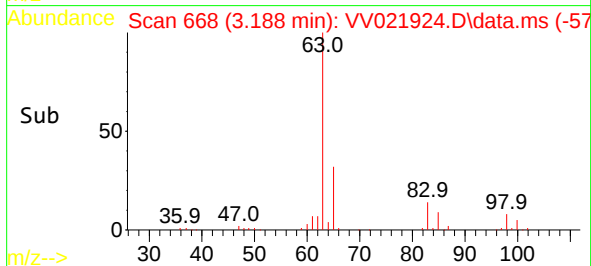
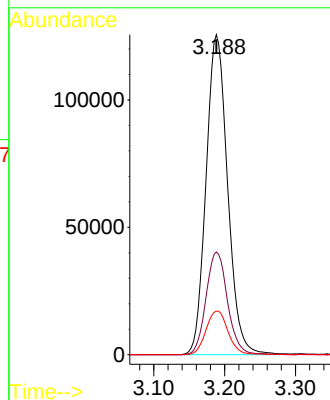
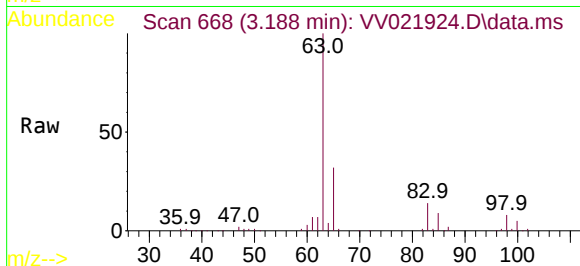
Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

Tgt Ion: 63 Resp: 265244

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.6
83	13.6	9.6	17.8

Instrument :
MSVOA_V
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 46.222 ug/L

RT: 3.912 min Scan# 893

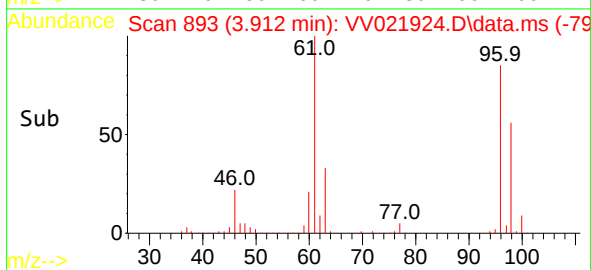
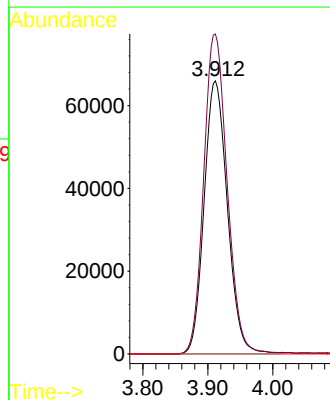
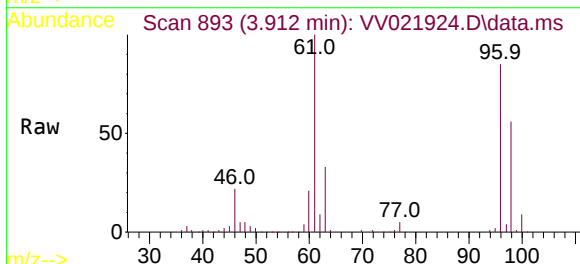
Delta R.T. 0.007 min

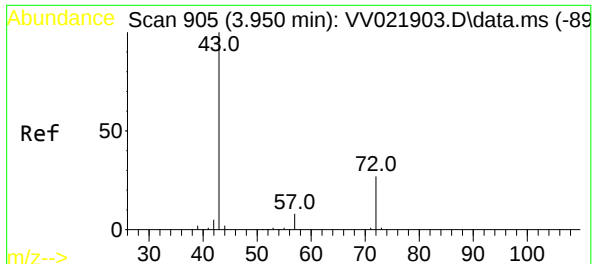
Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

Tgt Ion: 96 Resp: 164902

Ion	Ratio	Lower	Upper
96	100		
61	117.2	81.0	150.4
68	0.0	0.0	0.0

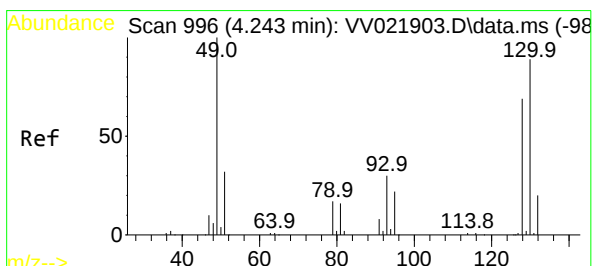
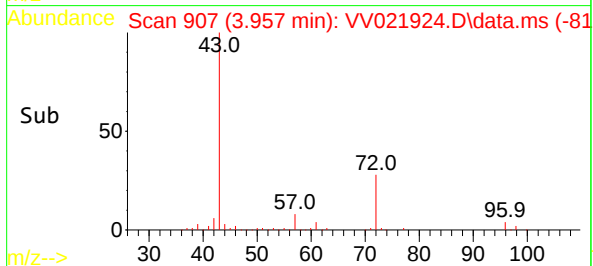
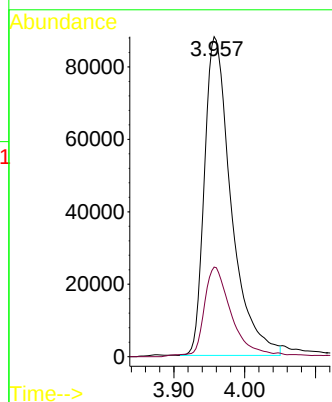
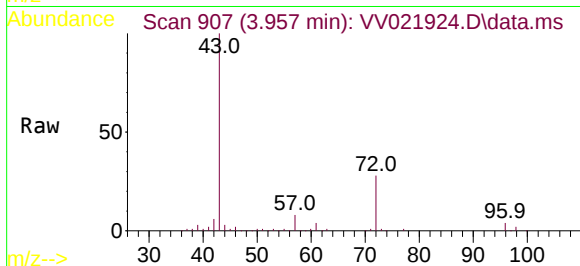




#22
2-Butanone
Concen: 89.184 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.007 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

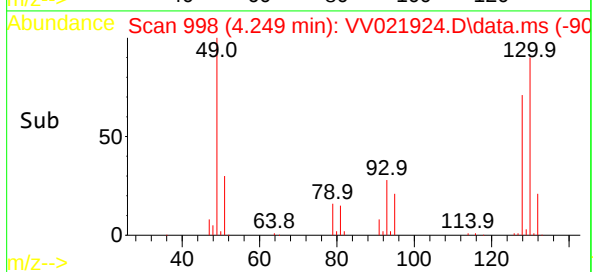
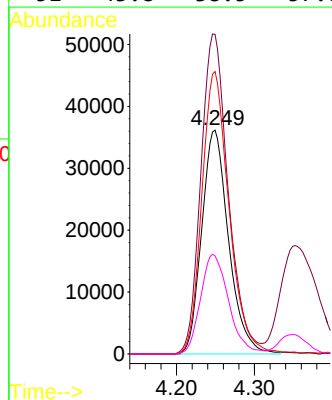
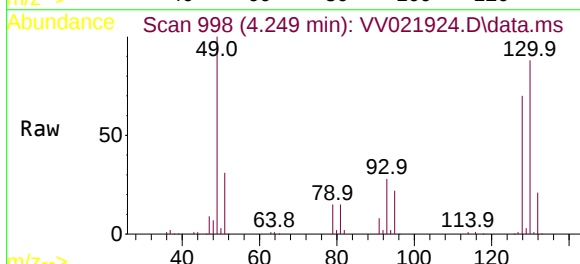
Instrument :
MSVOA_V
ClientSampled :

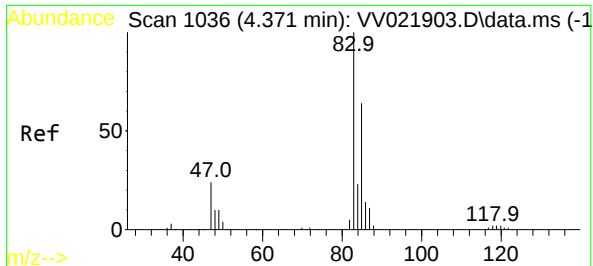
Tgt Ion: 43 Resp: 230790
Ion Ratio Lower Upper
43 100
72 28.5 13.6 40.8



#23
Bromochloromethane
Concen: 45.761 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:128 Resp: 86616
Ion Ratio Lower Upper
128 100
49 142.7 105.6 196.0
130 126.2 89.5 166.1
51 43.8 38.5 57.7





#25

Chloroform

Concen: 45.601 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV021924.D

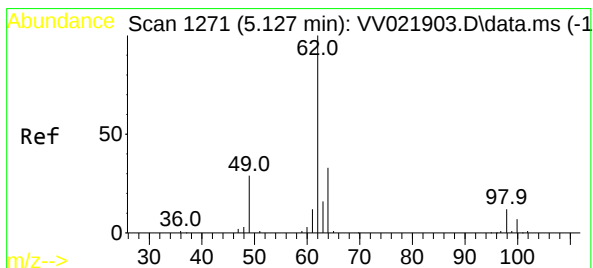
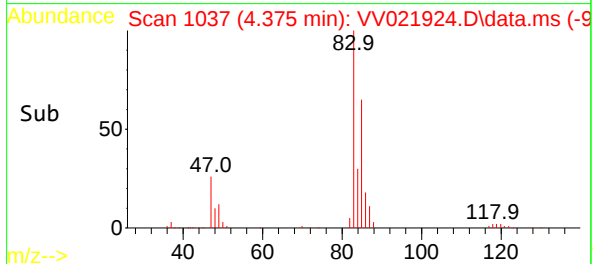
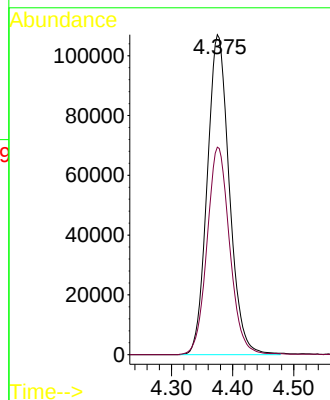
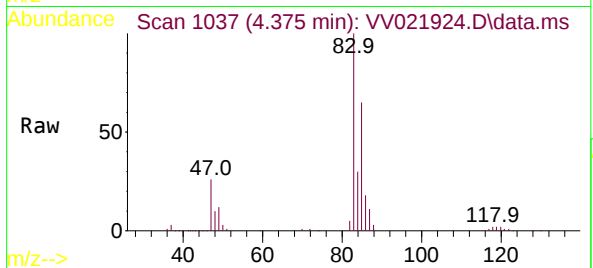
Acq: 20 Aug 2021 19:25

Tgt Ion: 83 Resp: 269097

Ion Ratio Lower Upper

83 100

85 64.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 46.559 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021924.D

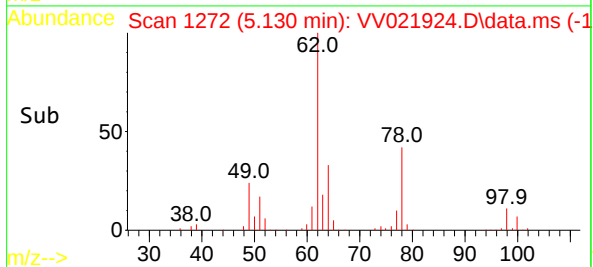
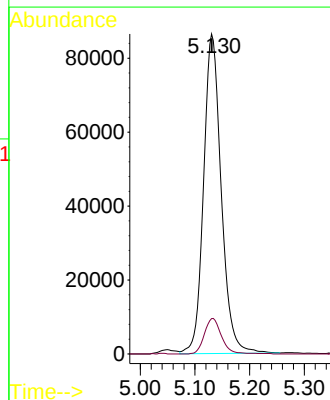
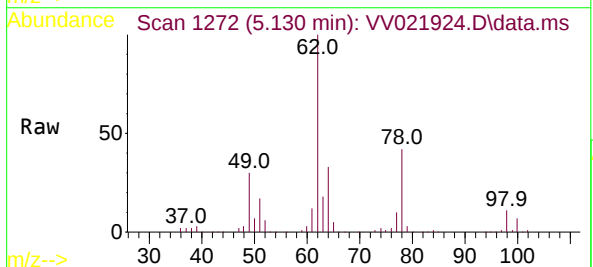
Acq: 20 Aug 2021 19:25

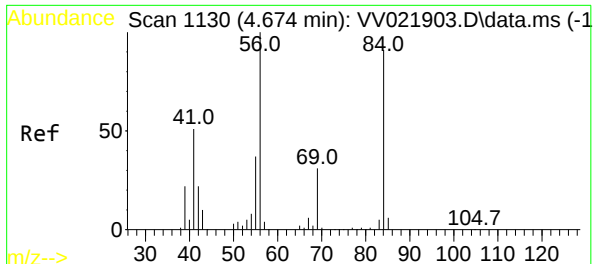
Tgt Ion: 62 Resp: 193580

Ion Ratio Lower Upper

62 100

98 11.1 8.6 13.0





#29

Cyclohexane

Concen: 44.959 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

Tgt Ion: 56 Resp: 229884

Ion Ratio Lower Upper

56 100

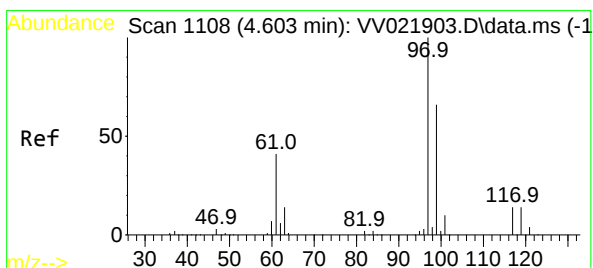
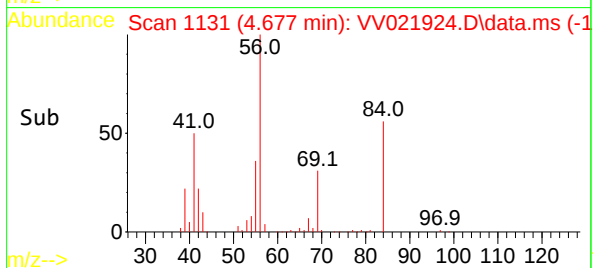
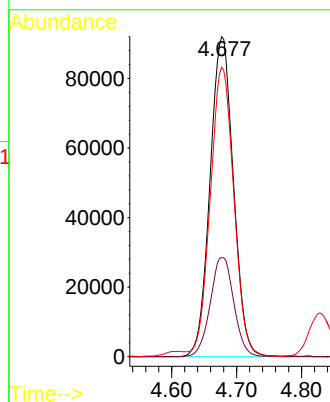
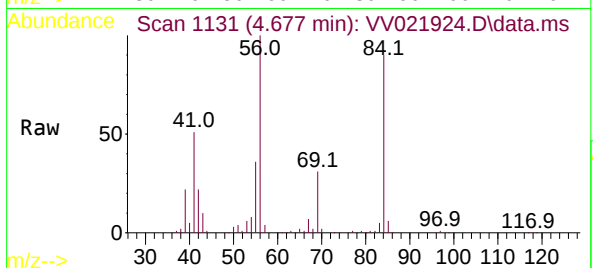
69 31.2 24.9 37.3

84 90.8 72.6 109.0

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 45.829 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

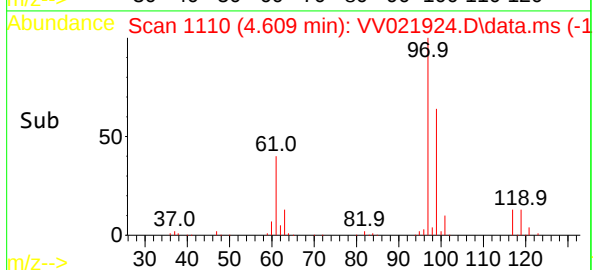
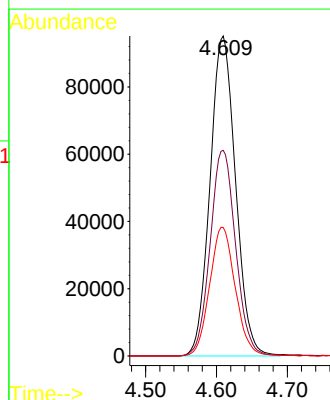
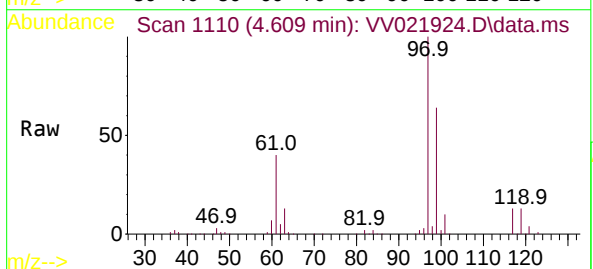
Tgt Ion: 97 Resp: 238085

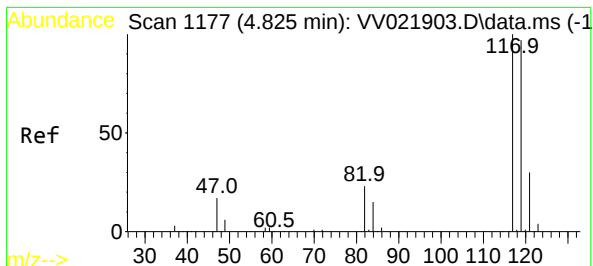
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 40.4 32.3 48.5

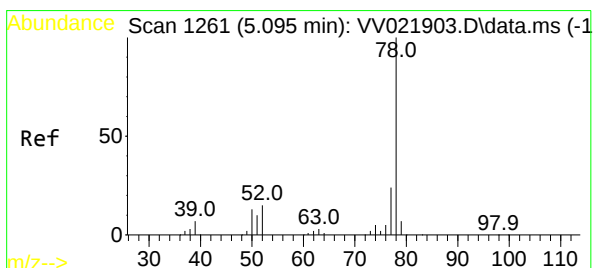
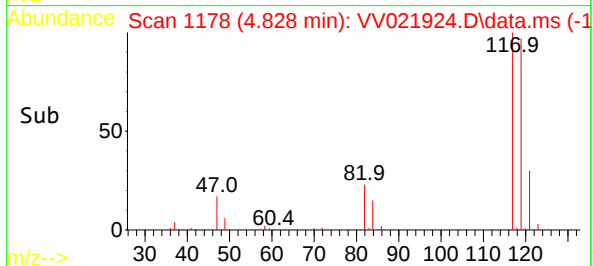
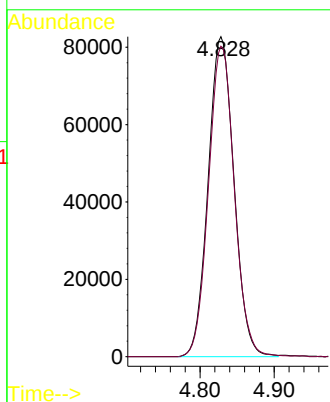
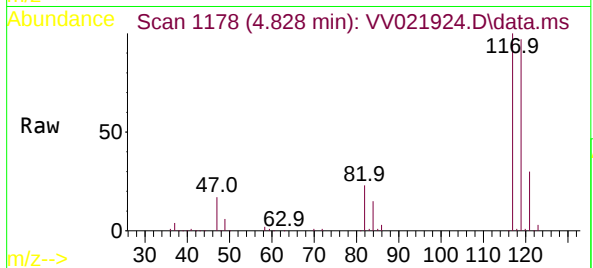




#31
Carbon tetrachloride
Concen: 44.533 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

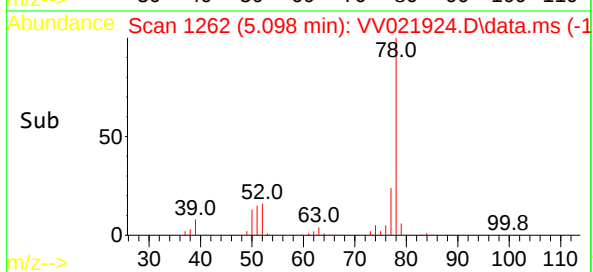
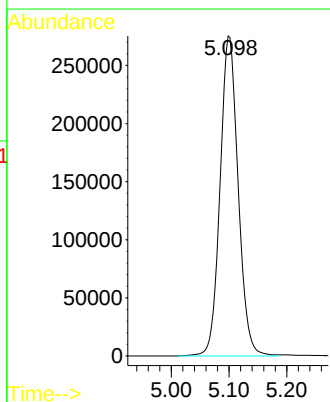
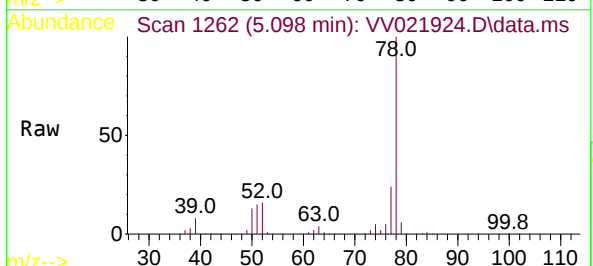
Instrument :
MSVOA_V
ClientSampled :

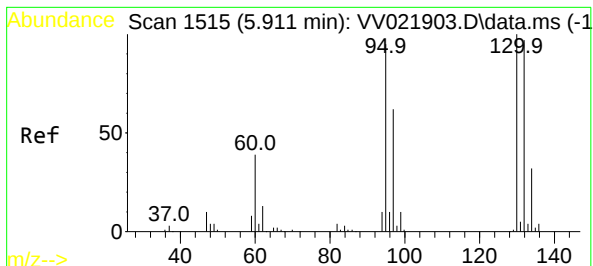
Tgt Ion:117 Resp: 200186
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7



#33
Benzene
Concen: 46.834 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 78 Resp: 598346

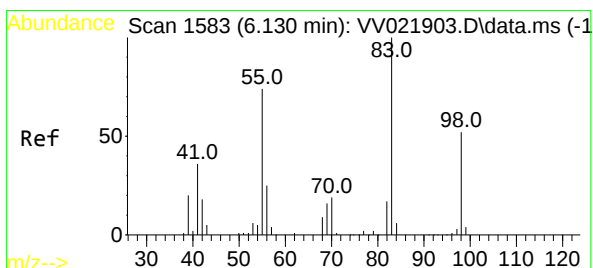
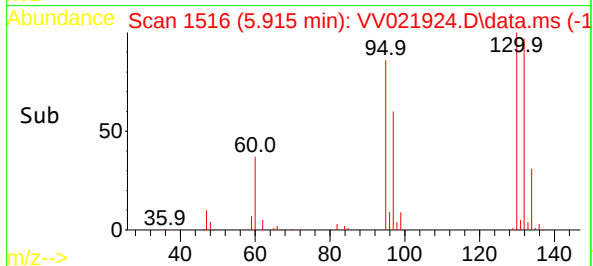
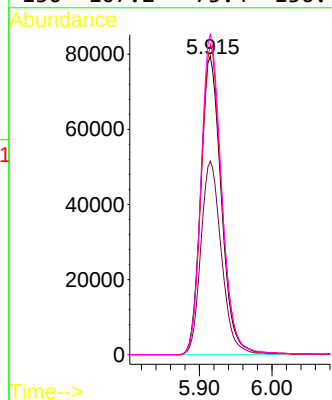
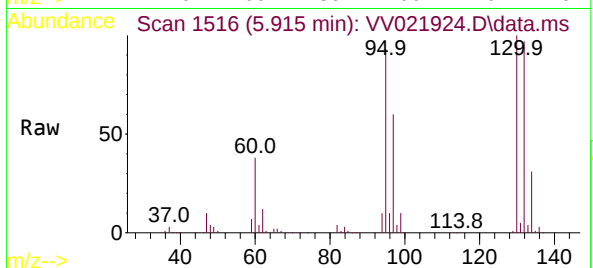




#34
Trichloroethene
Concen: 42.793 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

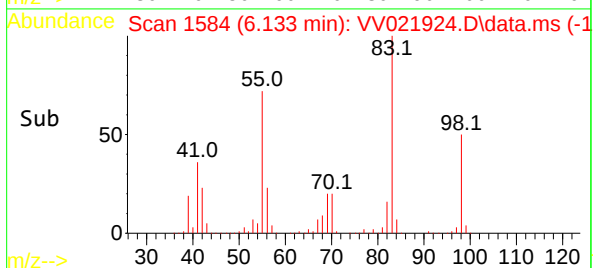
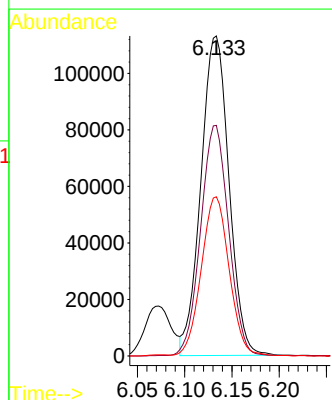
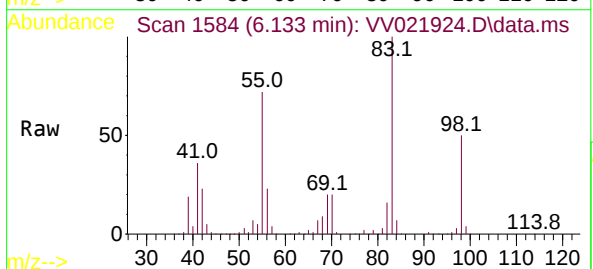
Instrument :
MSVOA_V
ClientSampled :

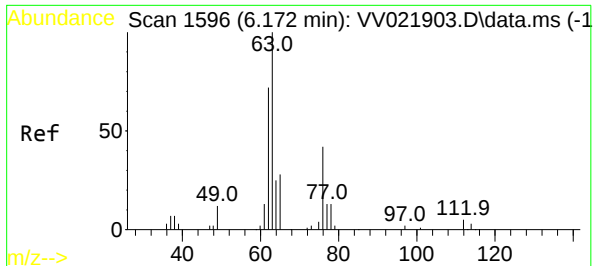
Tgt Ion: 95 Resp: 157111
Ion Ratio Lower Upper
95 100
97 64.9 44.1 81.9
132 103.9 70.2 130.4
130 107.2 73.4 136.4



#35
Methylcyclohexane
Concen: 43.643 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 83 Resp: 233766
Ion Ratio Lower Upper
83 100
55 72.2 57.9 86.9
98 49.7 39.9 59.9

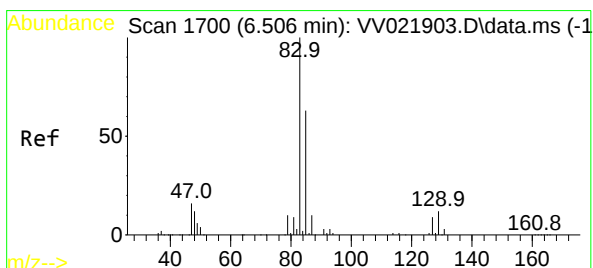
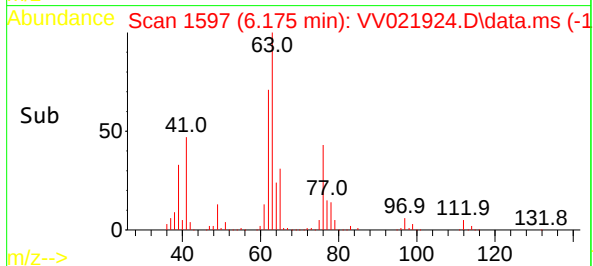
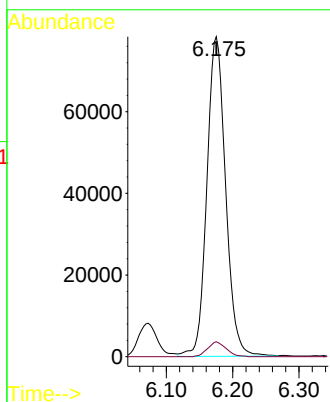
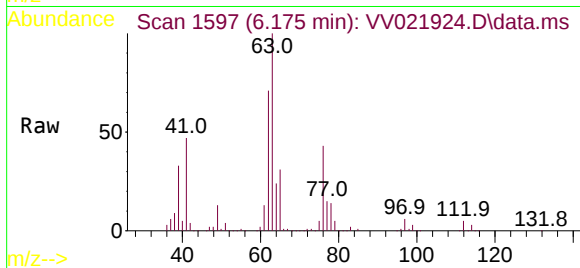




#37
1,2-Dichloropropane
Concen: 47.542 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

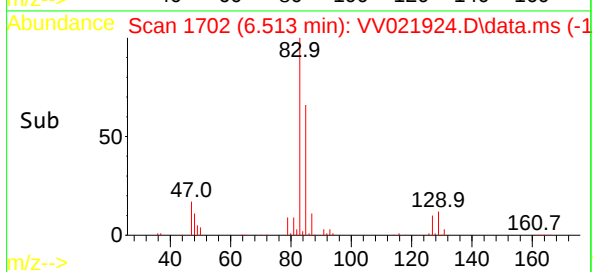
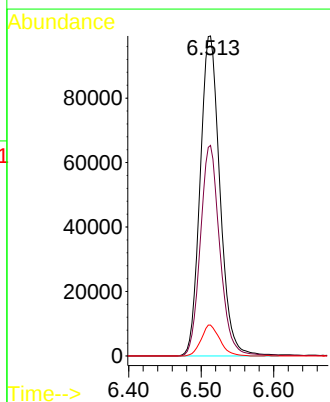
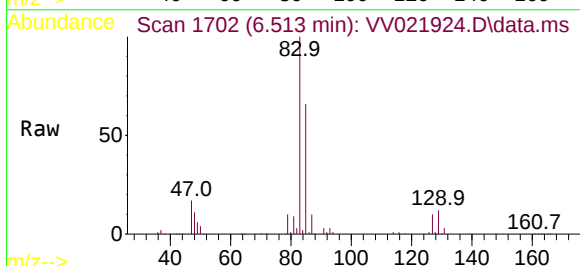
Instrument :
MSVOA_V
ClientSampled :

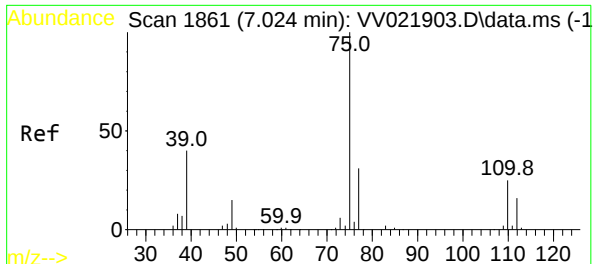
Tgt Ion: 63 Resp: 153798
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 44.161 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.007 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 83 Resp: 188293
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9
127 9.7 7.4 11.2

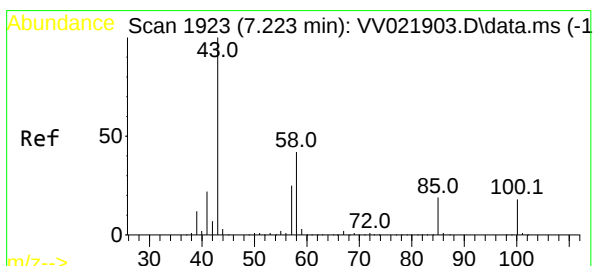
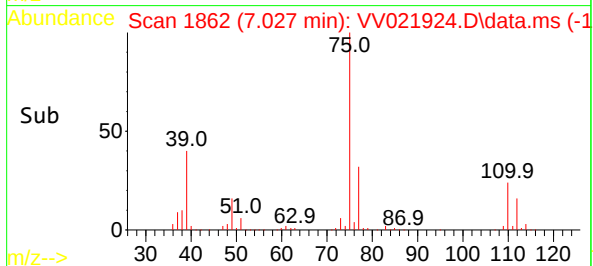
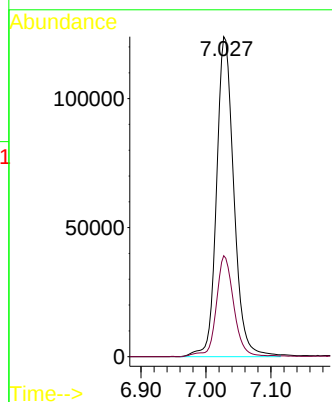
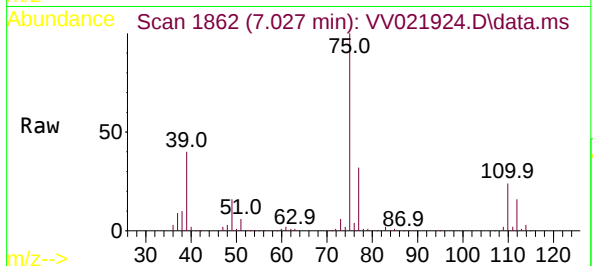




#39
cis-1,3-Dichloropropene
Concen: 44.788 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

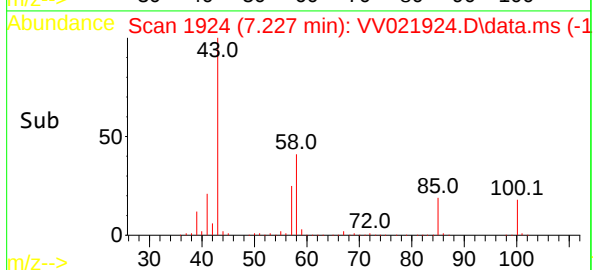
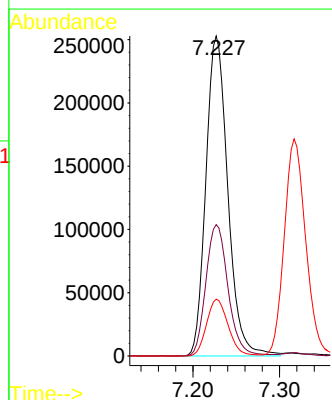
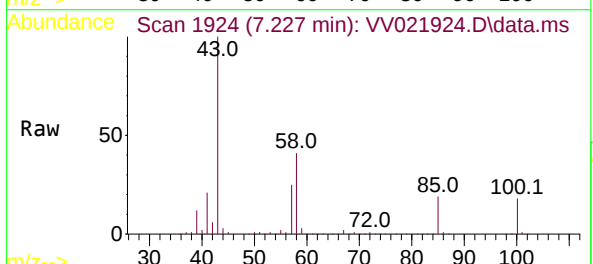
Instrument :
MSVOA_V
ClientSampled :

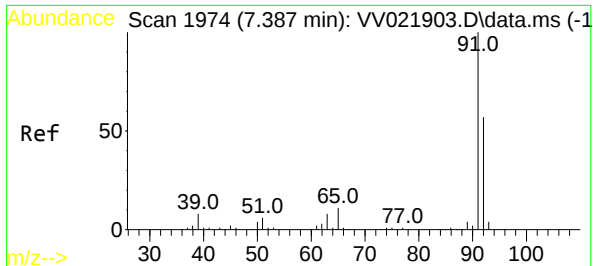
Tgt Ion: 75 Resp: 229432
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 99.983 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 43 Resp: 444922
Ion Ratio Lower Upper
43 100
58 41.5 32.9 49.3
100 17.5 14.0 21.0

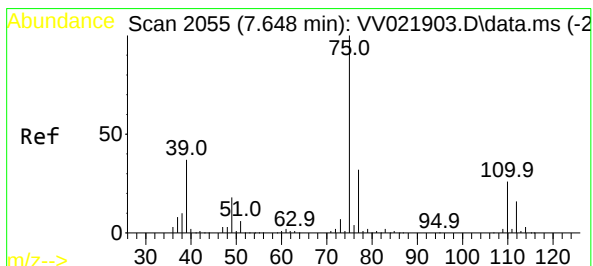
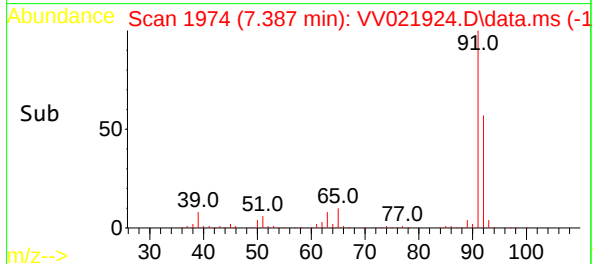
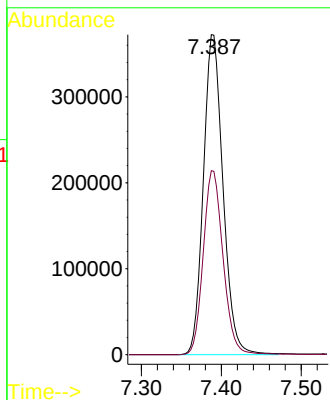
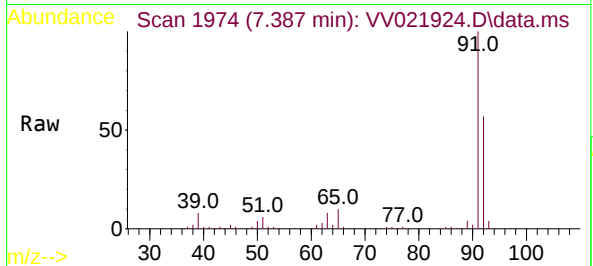




#42
Toluene
Concen: 46.655 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

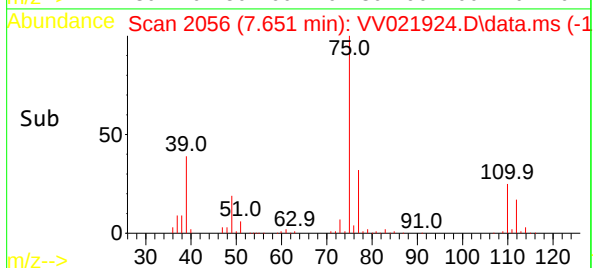
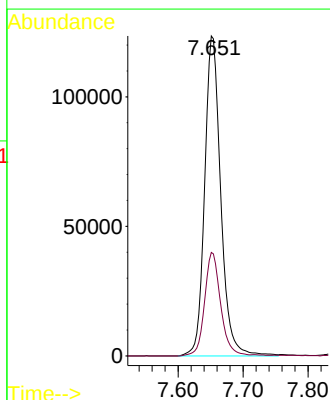
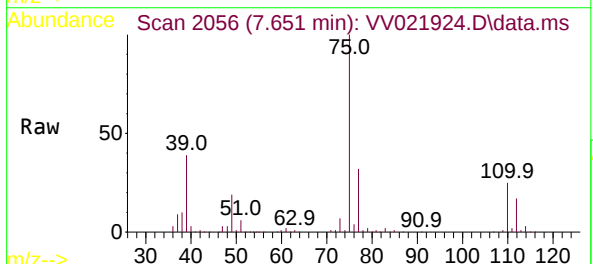
Instrument :
MSVOA_V
ClientSampleId :

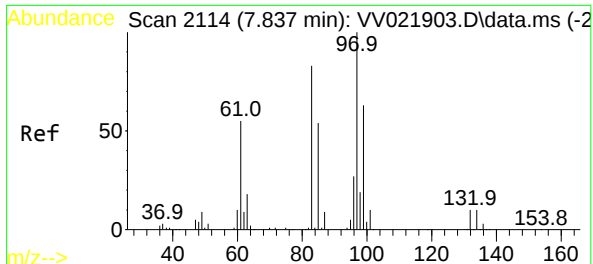
Tgt Ion: 91 Resp: 636619
Ion Ratio Lower Upper
91 100
92 57.5 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 44.307 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 75 Resp: 213890
Ion Ratio Lower Upper
75 100
77 32.3 22.2 41.2



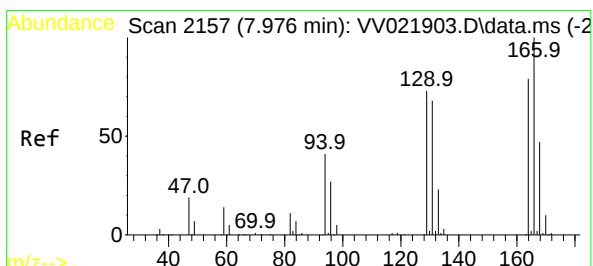
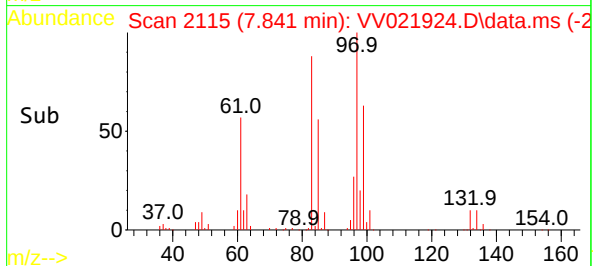
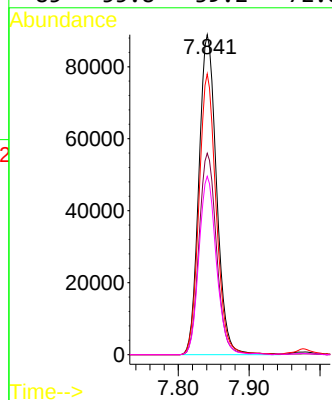
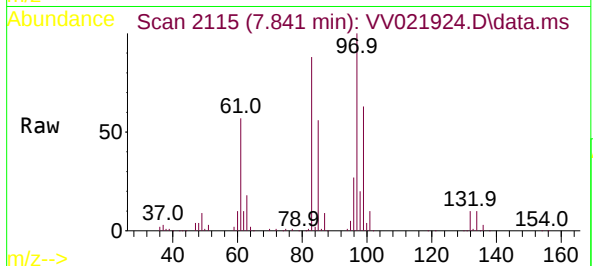


#45

1,1,2-Trichloroethane
Concen: 47.452 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Instrument :
MSVOA_V
ClientSampled :

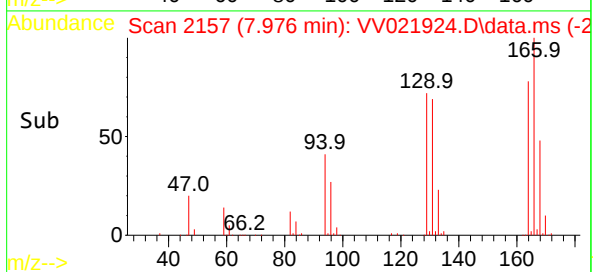
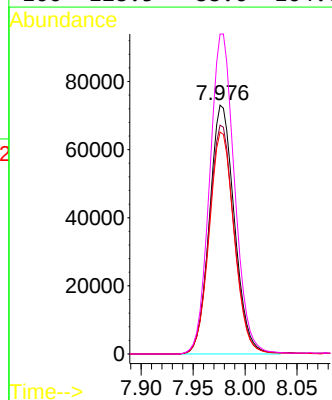
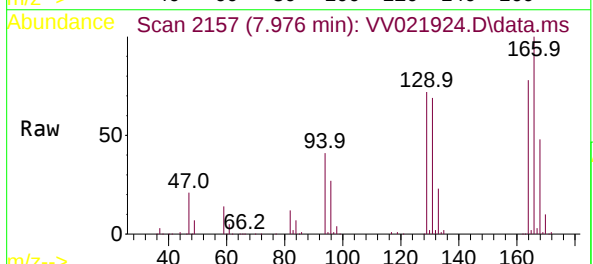
Tgt Ion: 97 Resp: 153777
Ion Ratio Lower Upper
97 100
99 62.9 44.2 82.0
83 87.8 59.2 110.0
85 55.8 39.2 72.8

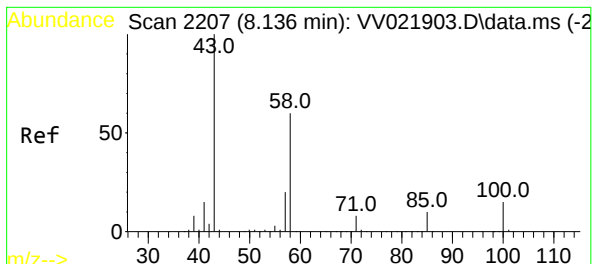


#46

Tetrachloroethene
Concen: 44.694 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:164 Resp: 121947
Ion Ratio Lower Upper
164 100
129 91.9 63.7 118.3
131 89.2 61.5 114.3
166 128.5 88.6 164.6

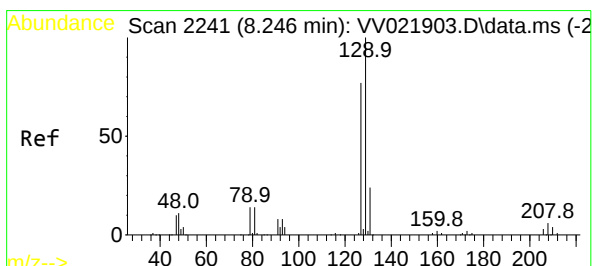
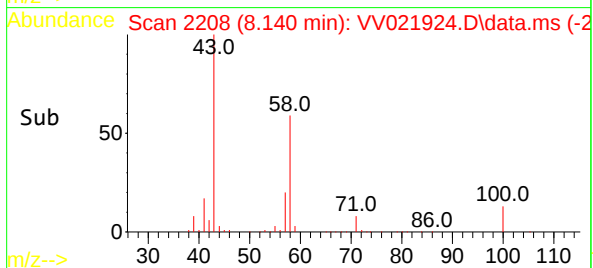
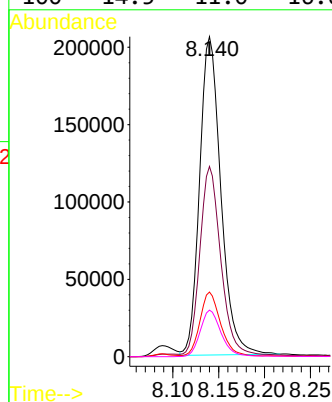
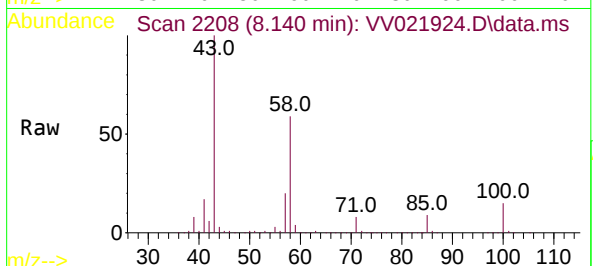




#48
2-Hexanone
Concen: 96.280 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

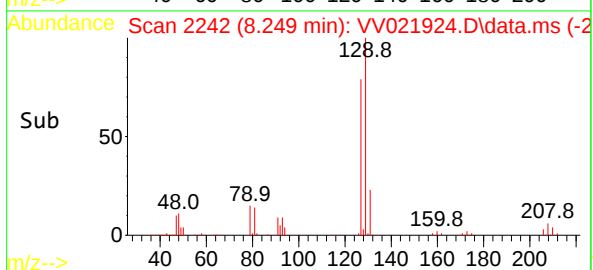
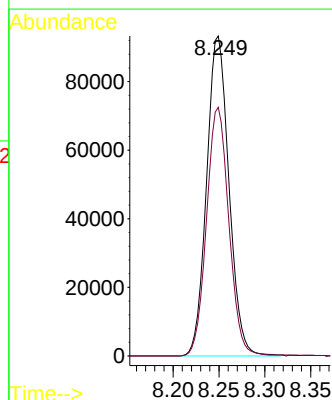
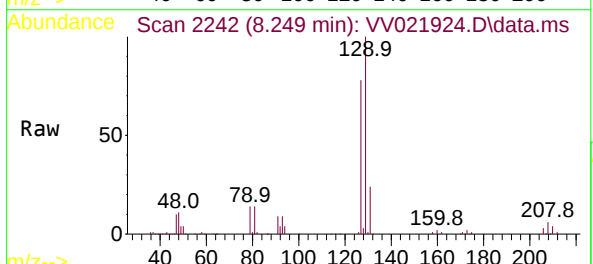
Instrument :
MSVOA_V
ClientSampleId :

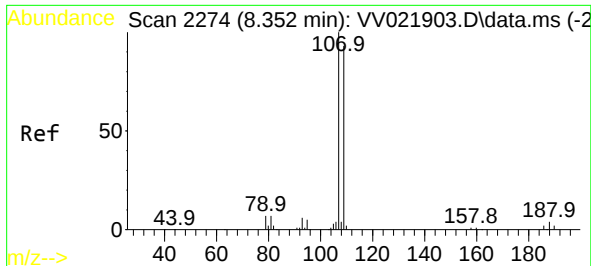
Tgt Ion:	43	Resp:	331879
Ion	Ratio	Lower	Upper
43	100		
58	59.4	45.4	68.2
57	19.5	15.3	22.9
100	14.5	11.0	16.6



#49
Dibromochloromethane
Concen: 44.278 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:	129	Resp:	158429
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 47.069 ug/L

RT: 8.355 min Scan# 2275

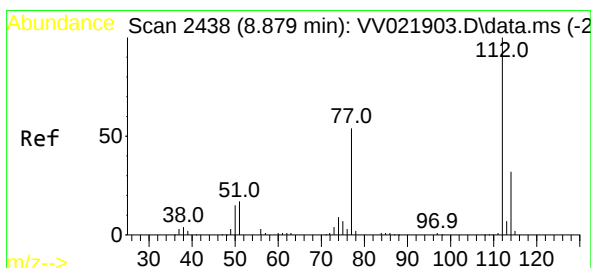
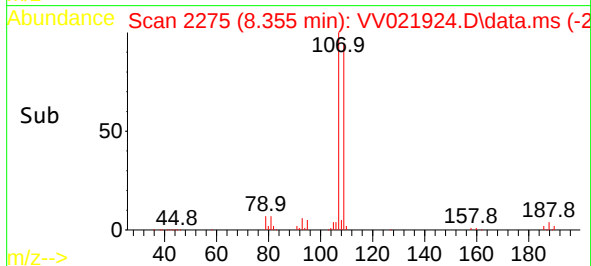
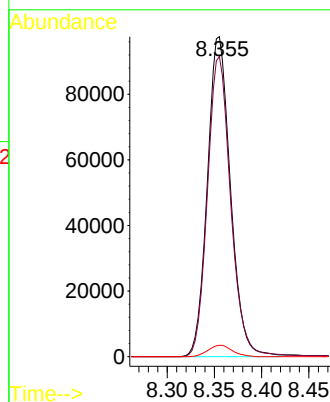
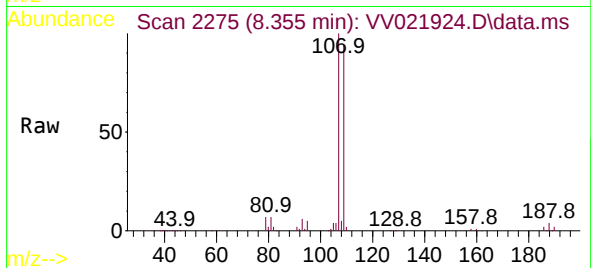
Delta R.T. 0.003 min

Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

Tgt Ion:	107	Resp:	165994
Ion	Ratio	Lower	Upper
107	100		
109	93.8	66.3	123.1
188	3.6	3.0	4.4

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 46.411 ug/L

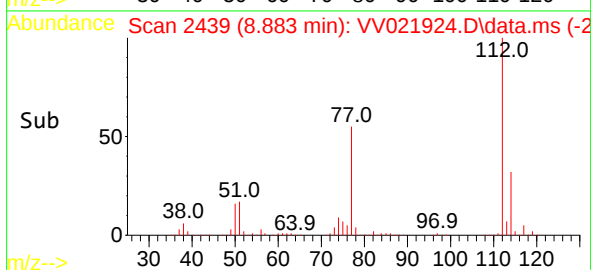
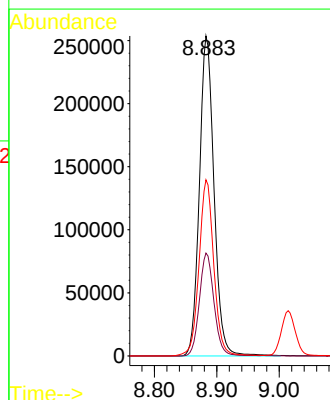
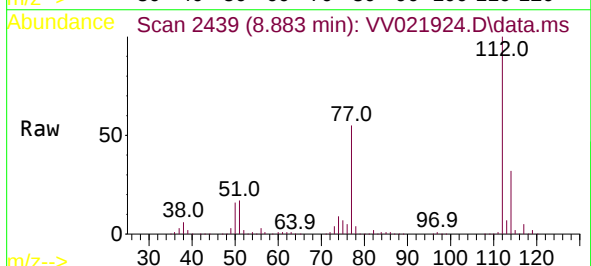
RT: 8.883 min Scan# 2439

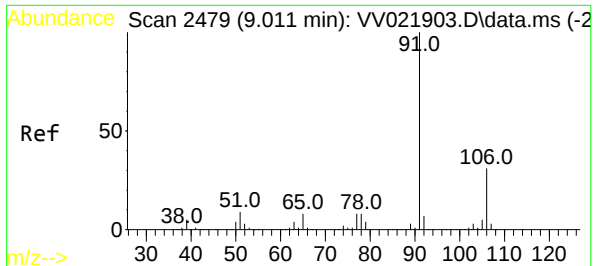
Delta R.T. 0.003 min

Lab File: VV021924.D

Acq: 20 Aug 2021 19:25

Tgt Ion:	112	Resp:	413482
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.2	41.2
77	55.1	43.7	65.5

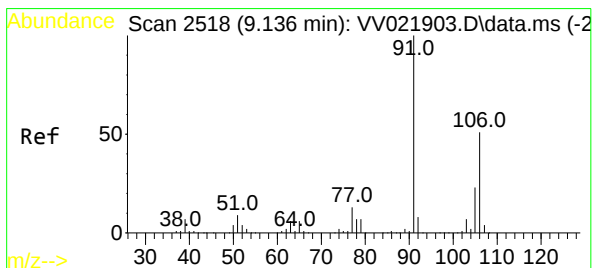
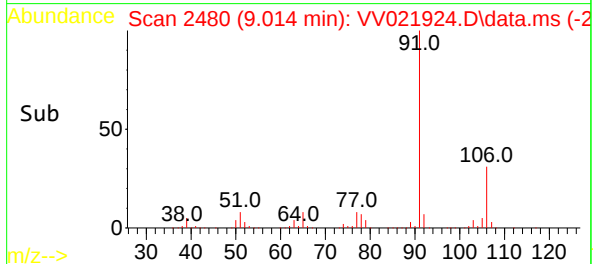
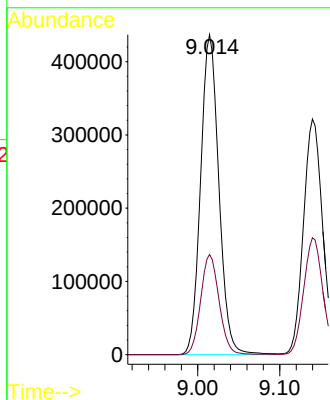
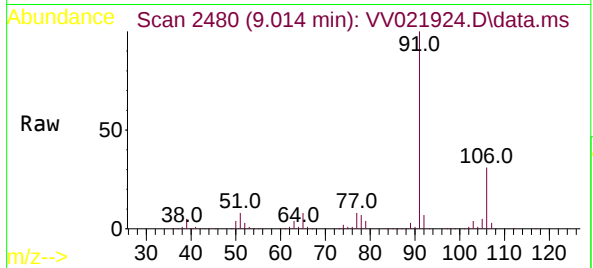




#52
Ethylbenzene
Concen: 46.395 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

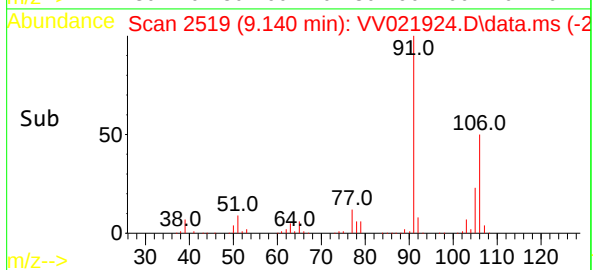
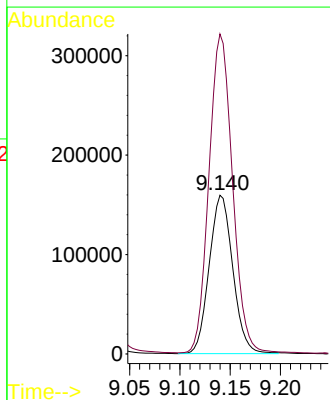
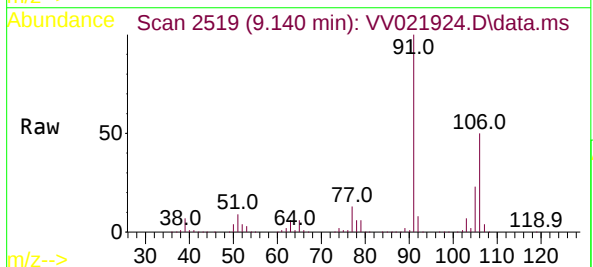
Instrument :
MSVOA_V
ClientSampleId :

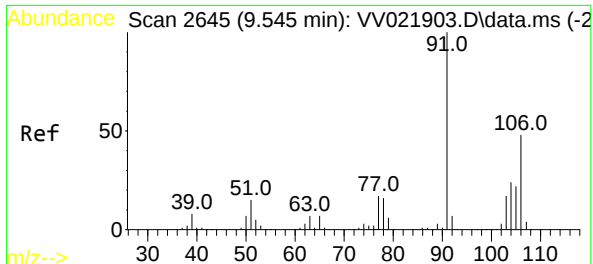
Tgt Ion: 91 Resp: 675391
Ion Ratio Lower Upper
91 100
106 31.3 22.2 41.2



#53
m,p-Xylene
Concen: 46.079 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 106 Resp: 259971
Ion Ratio Lower Upper
106 100
91 201.6 139.2 258.6

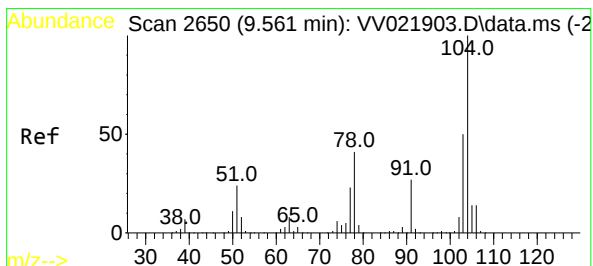
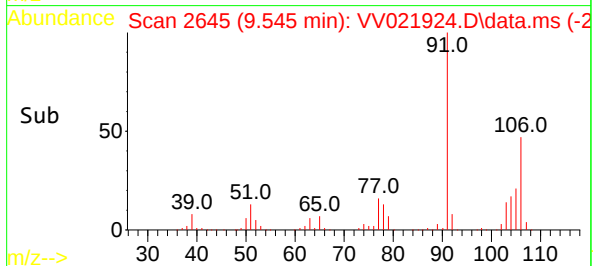
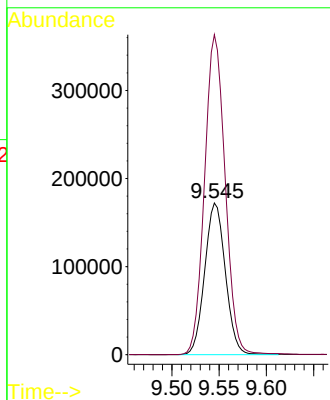
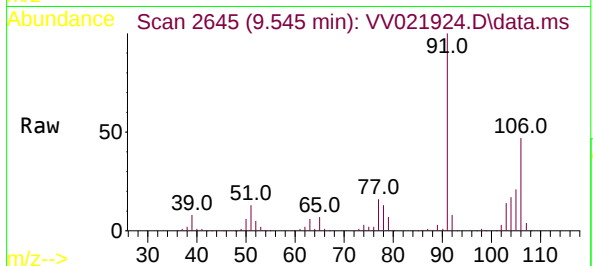




#54
o-Xylene
Concen: 46.830 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

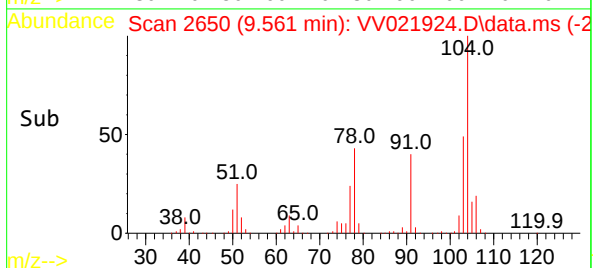
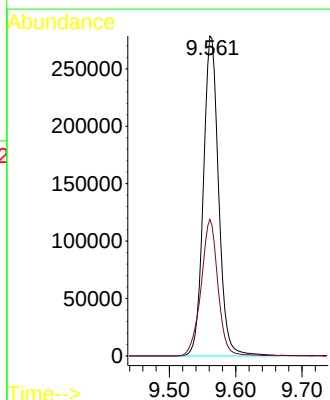
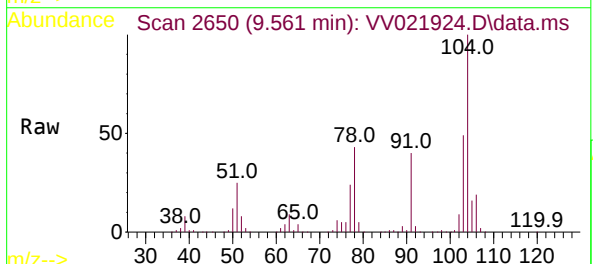
Instrument :
MSVOA_V
ClientSampleId :

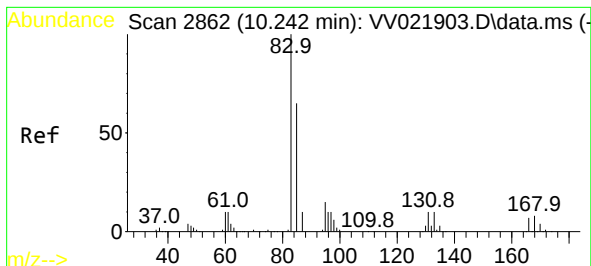
Tgt Ion:106 Resp: 261894
Ion Ratio Lower Upper
106 100
91 210.9 148.1 275.0



#55
Styrene
Concen: 47.616 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:104 Resp: 445918
Ion Ratio Lower Upper
104 100
78 42.7 30.2 56.2

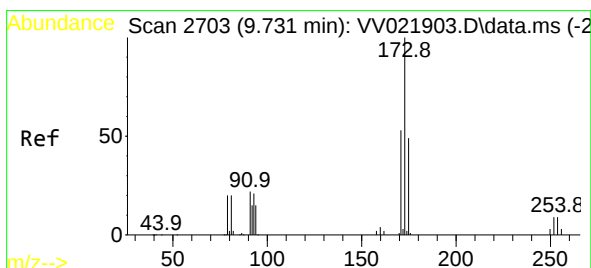
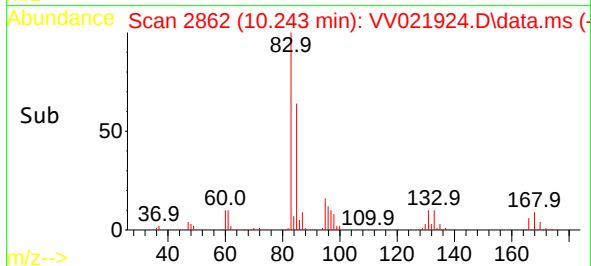
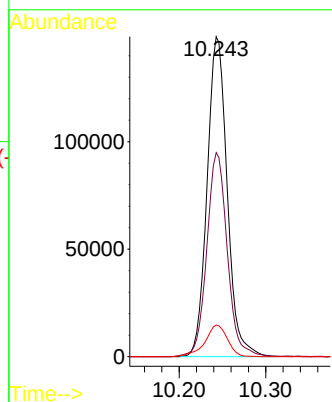
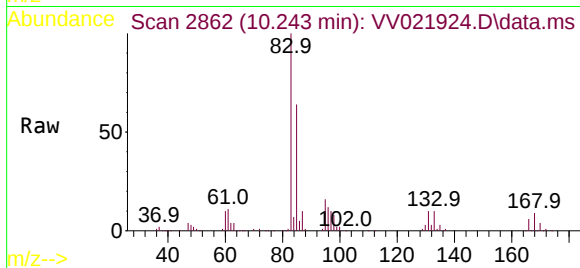




#57
1,1,2,2-Tetrachloroethane
Concen: 53.161 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

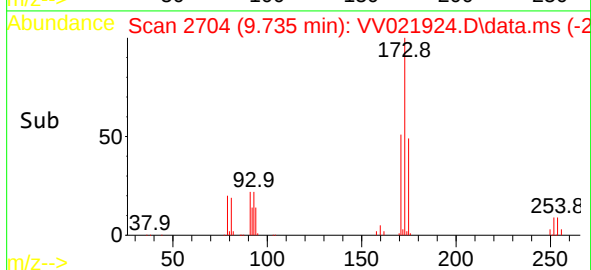
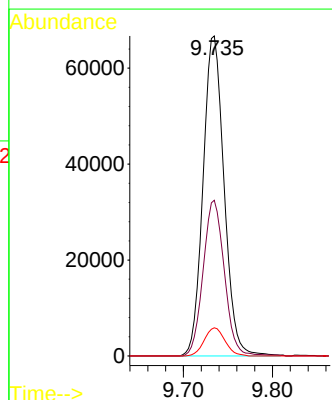
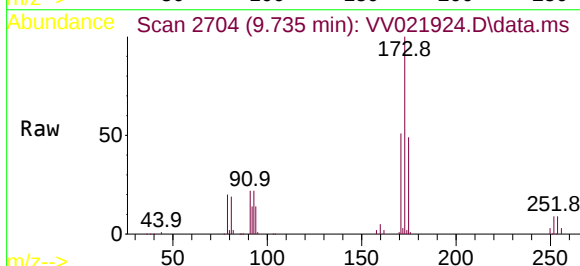
Instrument :
MSVOA_V
ClientSampled :

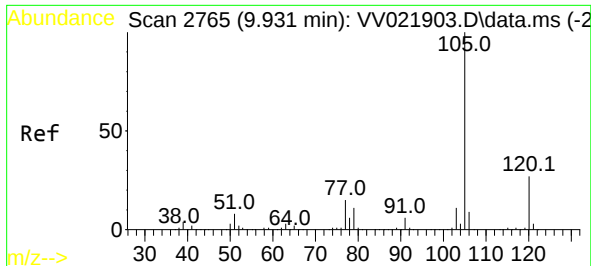
Tgt Ion: 83 Resp: 239832
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.5
131 9.9 7.9 11.9



#59
Bromoform
Concen: 41.788 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 173 Resp: 109526
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 8.7 7.2 10.8

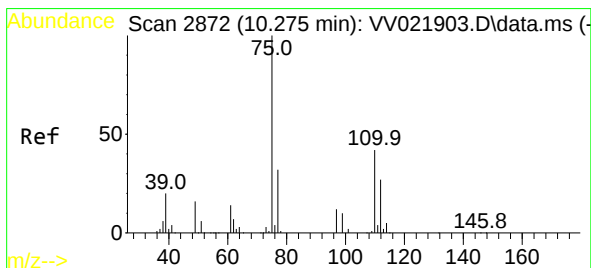
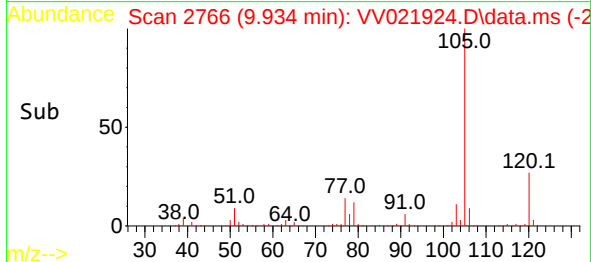
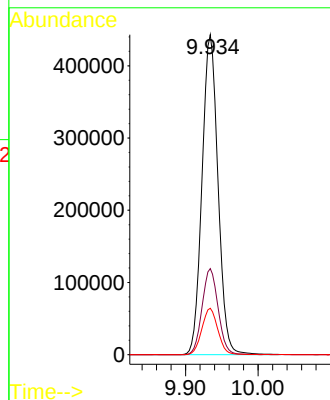
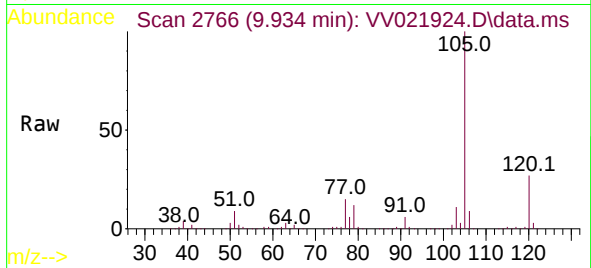




#60
Isopropylbenzene
Concen: 45.874 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

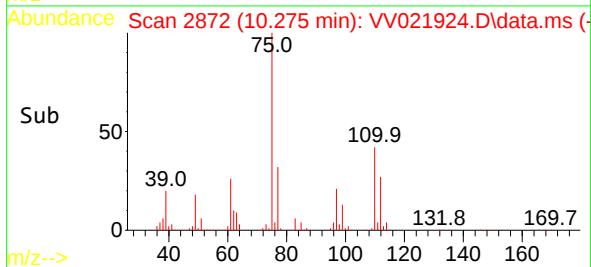
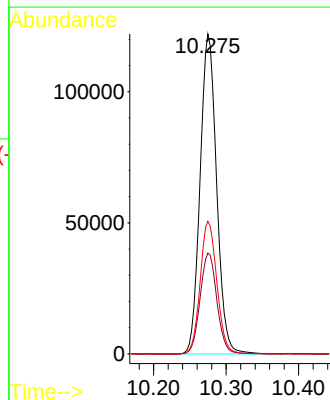
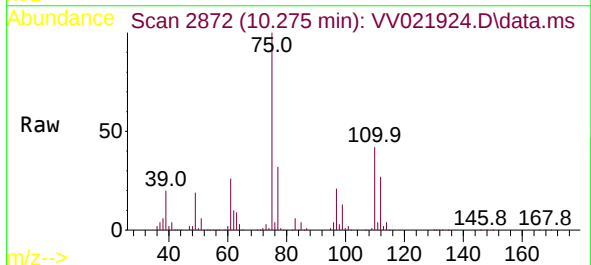
Instrument :
MSVOA_V
ClientSampled :

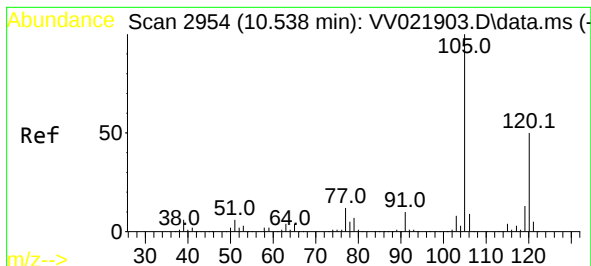
Tgt Ion:105 Resp: 678103
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 47.397 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion: 75 Resp: 193123
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 41.9 33.4 50.2





#62

1,3,5-Trimethylbenzene

Concen: 46.140 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV021924.D

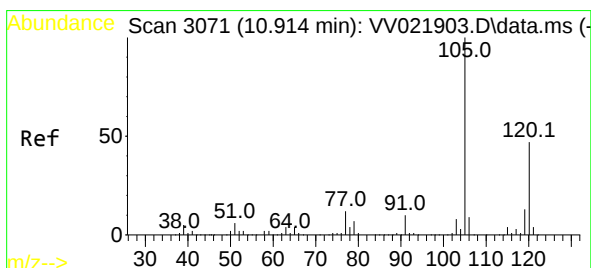
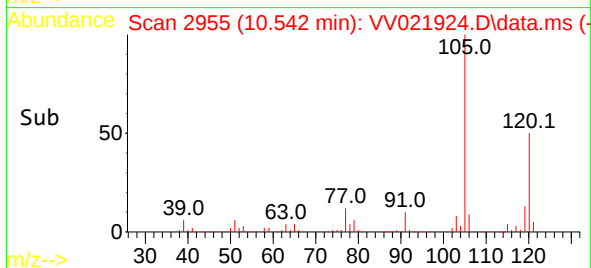
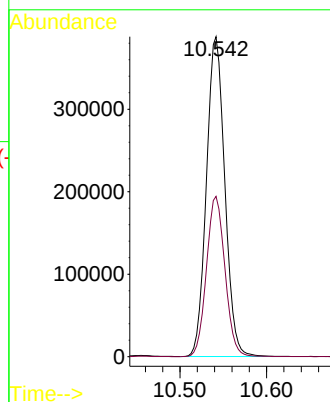
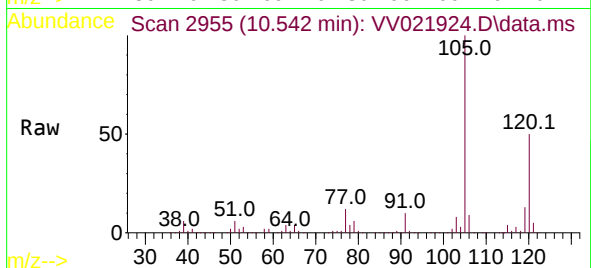
Acq: 20 Aug 2021 19:25

Tgt Ion:105 Resp: 572345

Ion Ratio Lower Upper

105 100

120 50.5 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 46.433 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV021924.D

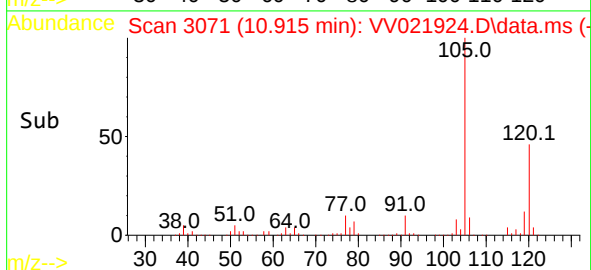
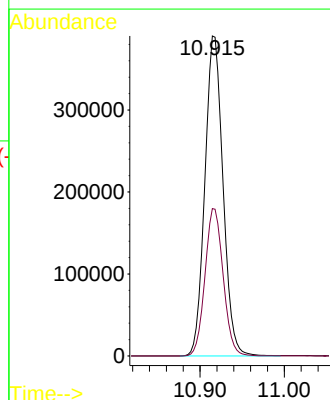
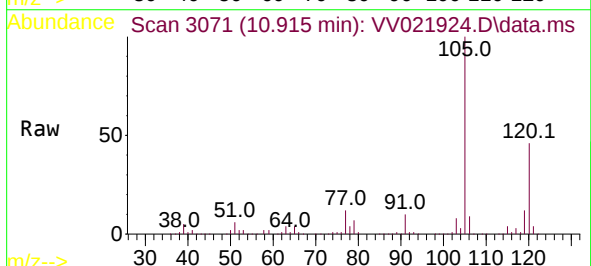
Acq: 20 Aug 2021 19:25

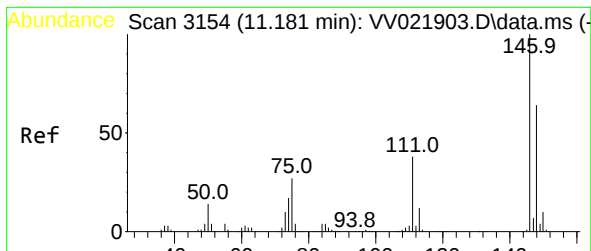
Tgt Ion:105 Resp: 585644

Ion Ratio Lower Upper

105 100

120 46.1 37.3 55.9

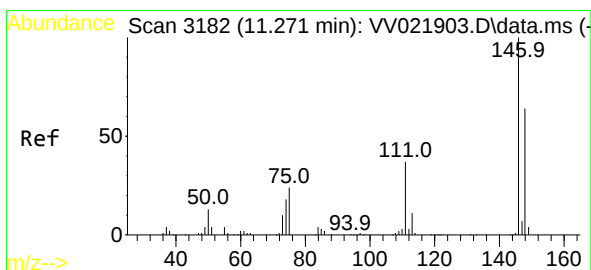
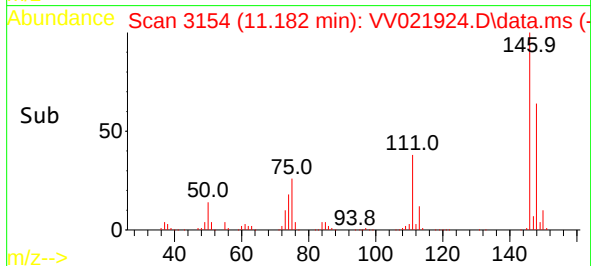
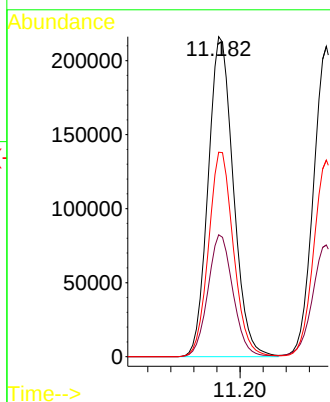
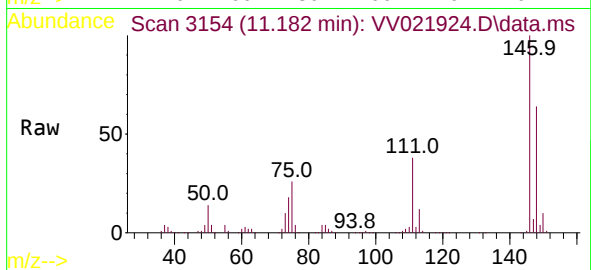




#64
1,3-Dichlorobenzene
Concen: 45.776 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

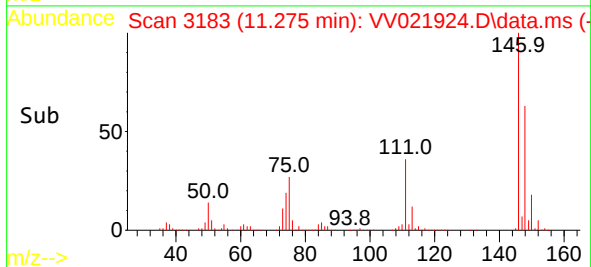
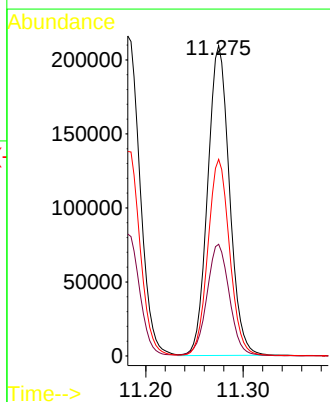
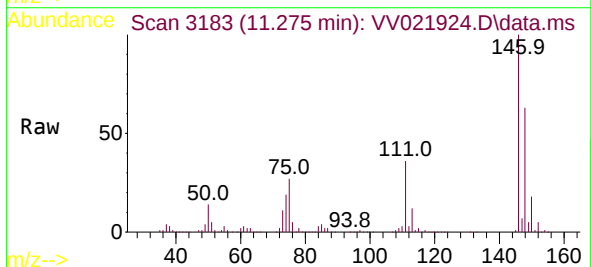
Instrument :
MSVOA_V
ClientSampled :

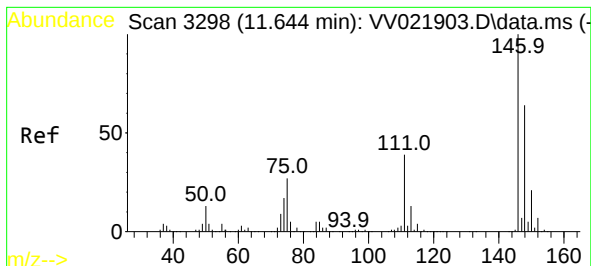
Tgt Ion:146 Resp: 327681
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.1
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 45.430 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:146 Resp: 324616
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.6
148 63.4 45.1 83.9

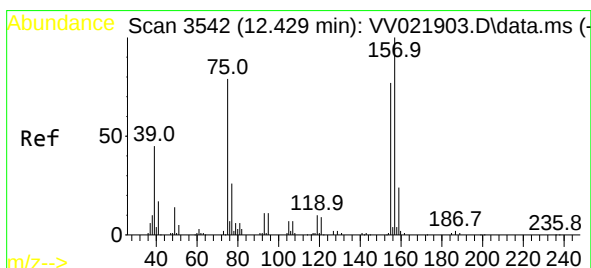
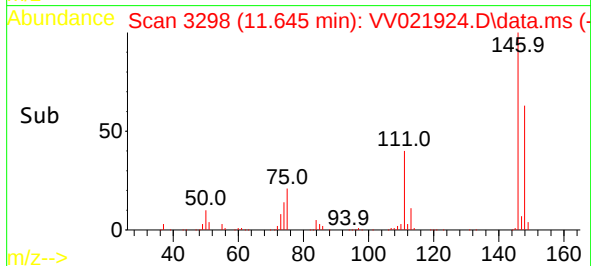
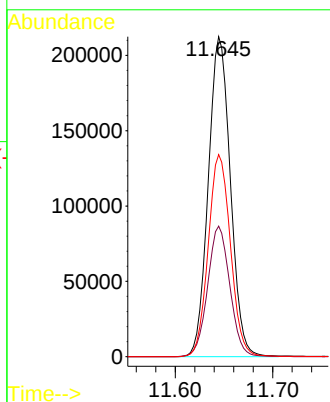
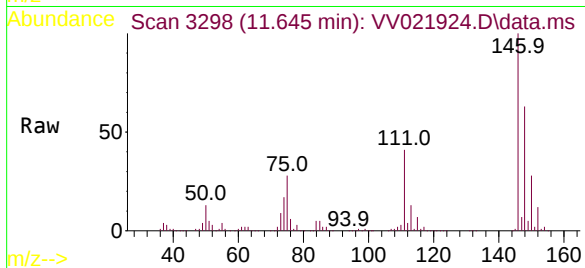




#67
1,2-Dichlorobenzene
Concen: 46.340 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

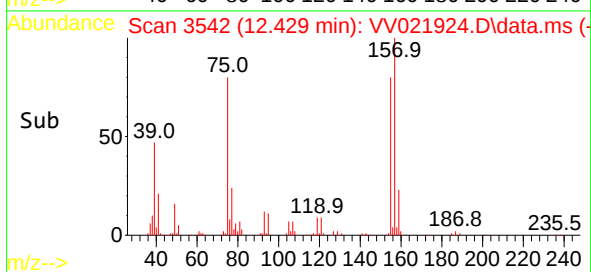
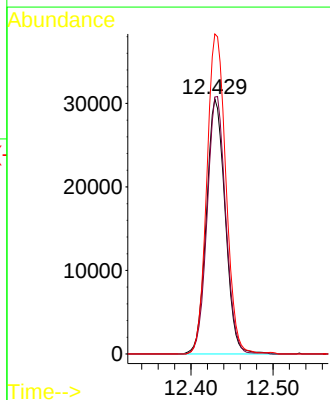
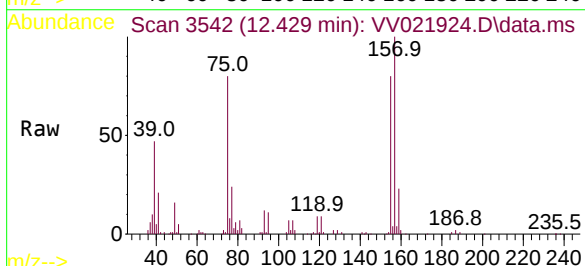
Instrument :
MSVOA_V
ClientSampled :

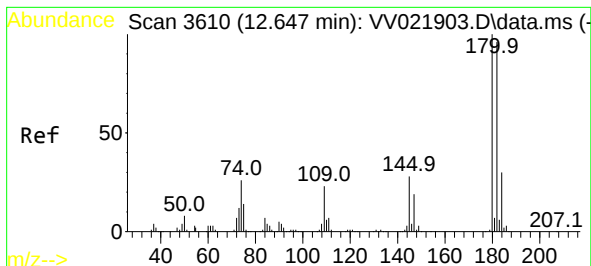
Tgt Ion:146 Resp: 334635
Ion Ratio Lower Upper
146 100
111 40.8 31.8 47.8
148 63.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.027 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

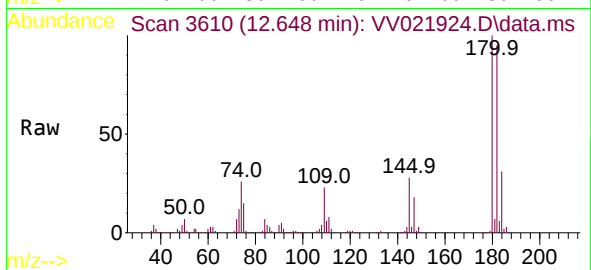
Tgt Ion: 75 Resp: 48569
Ion Ratio Lower Upper
75 100
155 100.8 77.8 116.8
157 125.5 99.4 149.0



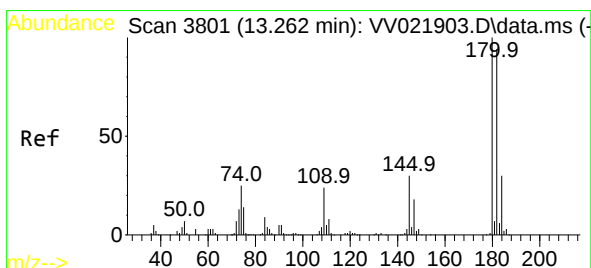
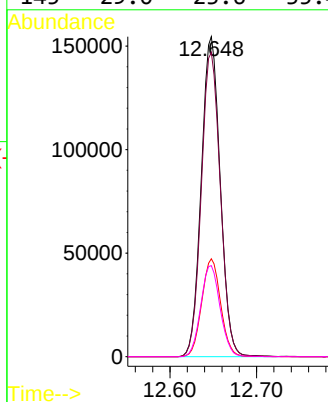
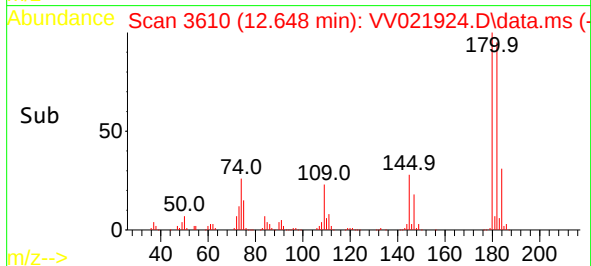


#69
1,3,5-Trichlorobenzene
Concen: 45.318 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

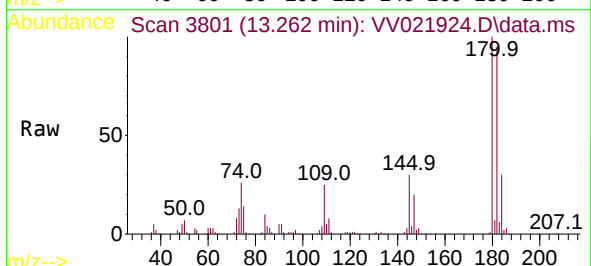
Instrument :
MSVOA_V
ClientSampleId :



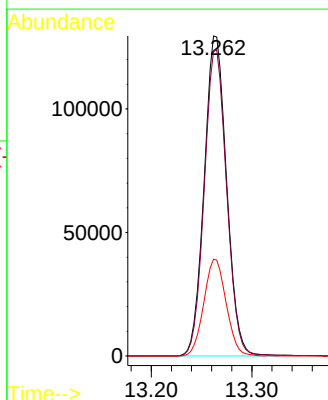
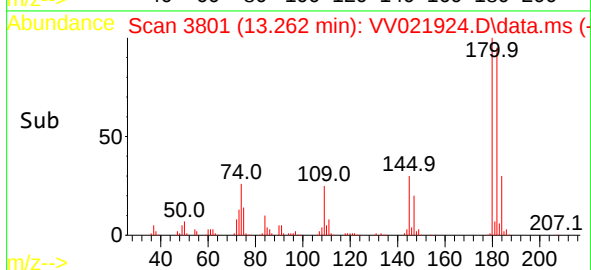
Tgt Ion:180 Resp: 235151
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
184 30.5 24.1 36.1
145 29.0 23.6 35.4

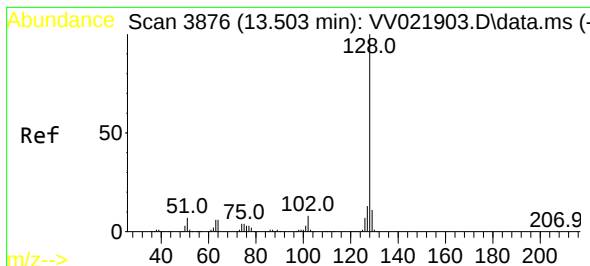


#70
1,2,4-trichlorobenzene
Concen: 46.214 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25



Tgt Ion:180 Resp: 201115
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 30.0 23.9 35.9

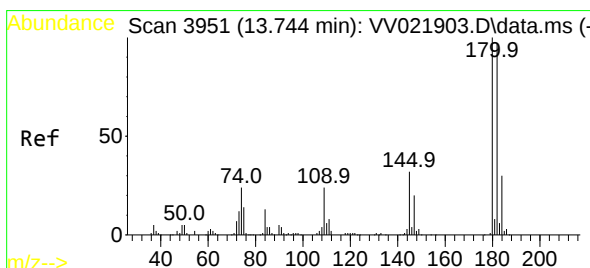
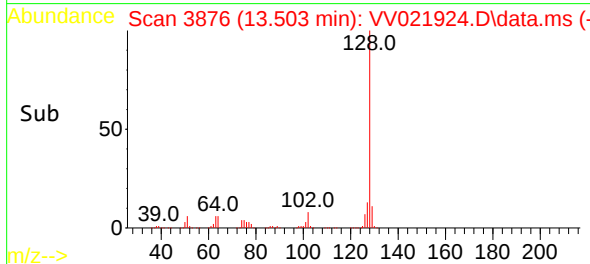
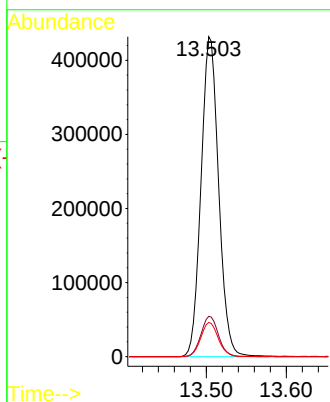
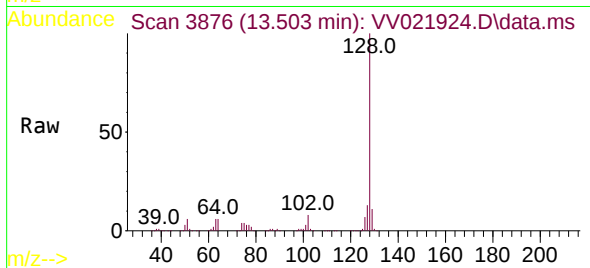




#71
Naphthalene
Concen: 52.326 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 661463
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.259 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021924.D
Acq: 20 Aug 2021 19:25

Tgt Ion:180 Resp: 210981
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 31.4 25.6 38.4

