

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
 Data File : VV021614.D
 Acq On : 06 Jul 2021 14:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 07 01:05:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 07 01:00:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	489301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	455357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	242458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111414	35.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.980%
7) Chloroethane-d5	1.558	69	100015	39.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.060%
11) 1,1-Dichloroethene-d2	2.105	63	234639	41.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	3.870	46	232518	87.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	4.349	84	289253	44.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
26) 1,2-Dichloroethane-d4	5.031	65	170100	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.050	84	563810	44.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	181269	44.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.900%
41) Toluene-d8	7.317	98	520109	43.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
43) trans-1,3-Dichloroprop...	7.622	79	88132	43.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
47) 2-Hexanone-d5	8.085	63	177923	95.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	266316	49.017	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	11.625	152	222778	46.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	200595	47.399	ug/L	100
3) Chloromethane	1.243	50	192311	47.201	ug/L	98
5) Vinyl chloride	1.311	62	186972	46.354	ug/L	100
6) Bromomethane	1.507	94	98542	41.924	ug/L	99
8) Chloroethane	1.577	64	107844	46.506	ug/L	99
9) Trichlorofluoromethane	1.748	101	258168	50.857	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	142280	48.925	ug/L	100
12) 1,1-Dichloroethene	2.114	96	135430	48.465	ug/L	94
13) Acetone	2.156	43	148417	67.900	ug/L #	100
14) Carbon disulfide	2.291	76	453765	46.058	ug/L	100
15) Methyl Acetate	2.423	43	183187	45.100	ug/L	100
16) Methylene chloride	2.503	84	179421	47.298	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	167656	49.179	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	544603	49.323	ug/L	99
19) 1,1-Dichloroethane	3.188	63	302302	48.680	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	187796	49.538	ug/L	95
22) 2-Butanone	3.954	43	251618	83.353	ug/L	99
23) Bromochloromethane	4.246	128	98345	49.149	ug/L	98
25) Chloroform	4.375	83	309934	48.954	ug/L	99

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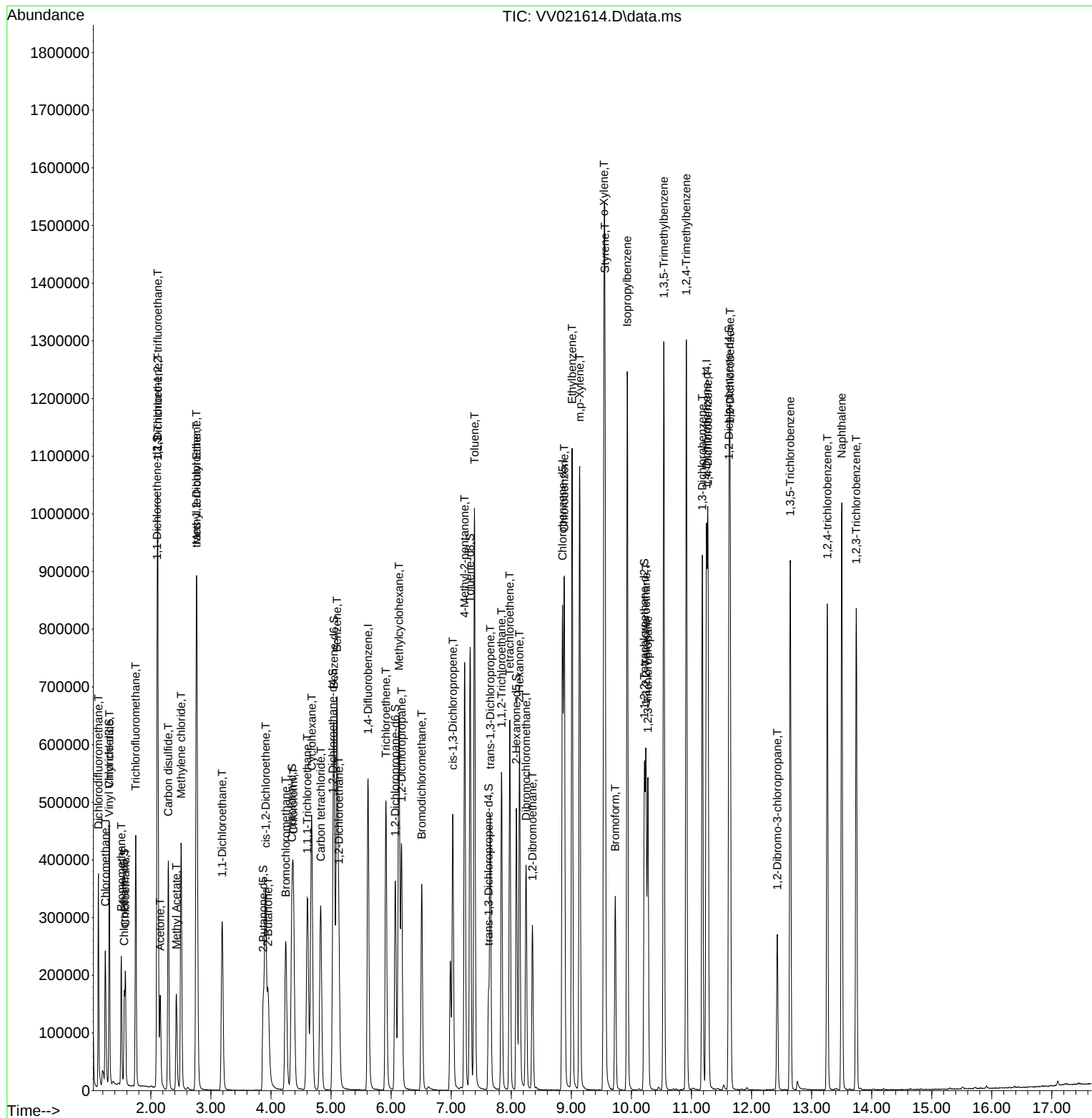
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	222229	48.260	ug/L	99
29) Cyclohexane	4.677	56	280923	48.857	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	280583	49.012	ug/L	99
31) Carbon tetrachloride	4.828	117	247043	48.999	ug/L	99
33) Benzene	5.098	78	685573	49.472	ug/L	100
34) Trichloroethene	5.912	95	177896	47.490	ug/L	99
35) Methylcyclohexane	6.130	83	291058	48.941	ug/L	100
37) 1,2-Dichloropropane	6.175	63	178928	49.674	ug/L	100
38) Bromodichloromethane	6.510	83	239360	49.171	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	292679	49.273	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	486419	91.993	ug/L	99
42) Toluene	7.387	91	739680	49.833	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	275130	49.599	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	174709	49.372	ug/L	99
46) Tetrachloroethene	7.976	164	146610	49.210	ug/L	99
48) 2-Hexanone	8.137	43	359894	86.111	ug/L	99
49) Dibromochloromethane	8.246	129	204268	50.124	ug/L	98
50) 1,2-Dibromoethane	8.352	107	190728	49.159	ug/L	100
51) Chlorobenzene	8.883	112	481072	49.803	ug/L	99
52) Ethylbenzene	9.011	91	806292	50.000	ug/L	99
53) m,p-Xylene	9.140	106	314067	50.750	ug/L	98
54) o-Xylene	9.545	106	313457	50.771	ug/L	99
55) Styrene	9.561	104	535092	51.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	283060	51.315	ug/L	99
59) Bromoform	9.731	173	154322	49.521	ug/L	99
60) Isopropylbenzene	9.931	105	823313	49.785	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	216552	46.203	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	708868	50.295	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	719068	50.414	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	382953	49.245	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	389102	50.060	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	391417	50.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64484	46.409	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	289605	49.834	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	253043	50.630	ug/L	99
71) Naphthalene	13.503	128	803373	52.780	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	254209	51.498	ug/L	100

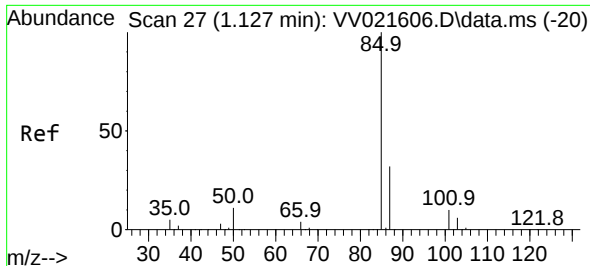
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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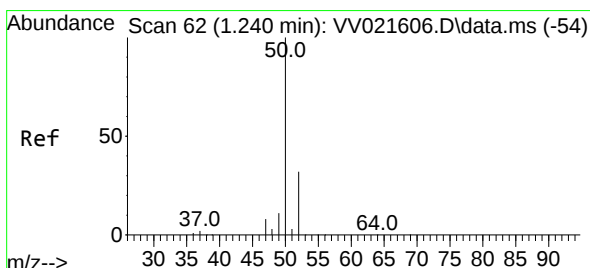
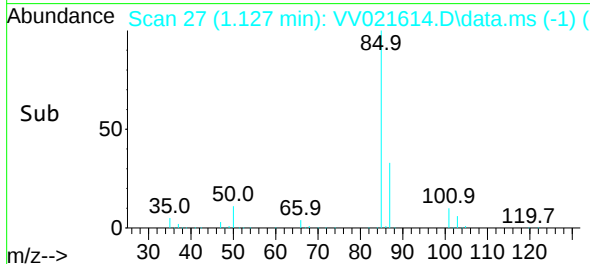
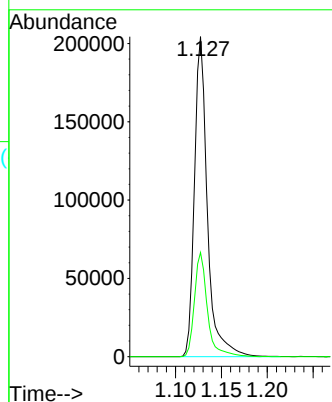
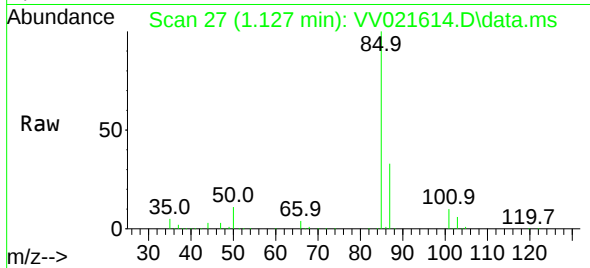




#2
Dichlorodifluoromethane
Concen: 47.399 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

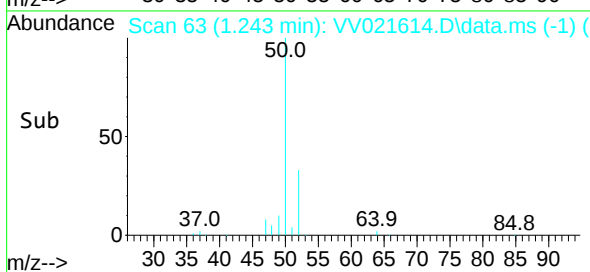
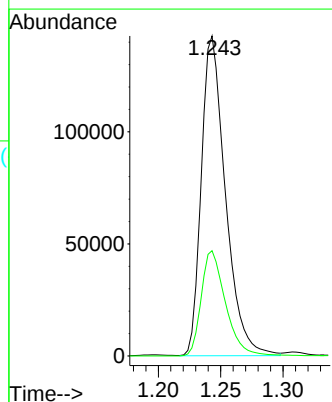
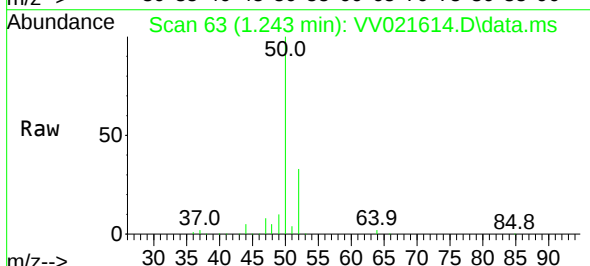
Instrument :
MSVOA_V
ClientSampleId :

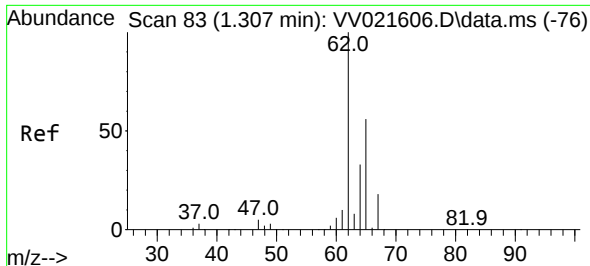
Tgt Ion: 85 Resp: 200595
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 47.201 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 50 Resp: 192311
Ion Ratio Lower Upper
50 100
52 32.9 22.3 41.5

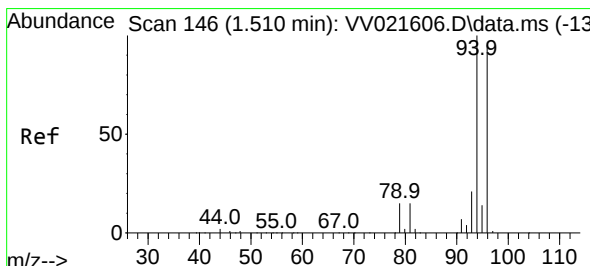
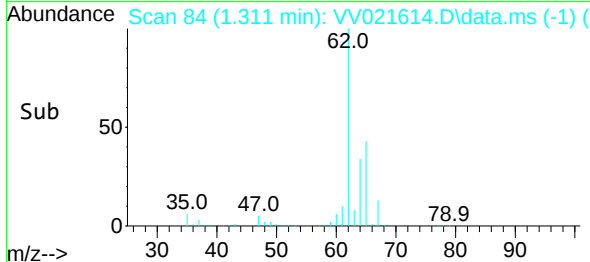
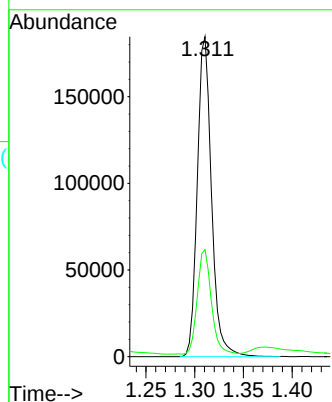
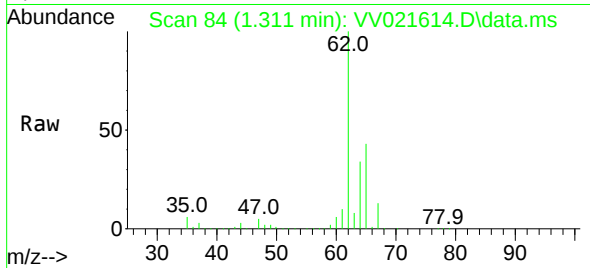




#5
 Vinyl chloride
 Concen: 46.354 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021614.D
 Acq: 06 Jul 2021 14:54

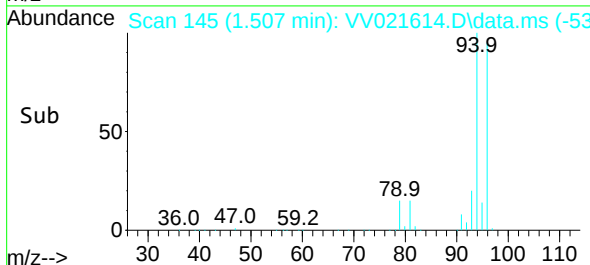
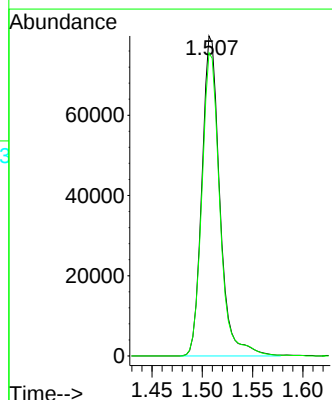
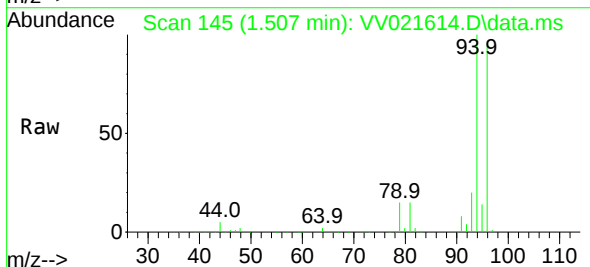
Instrument :
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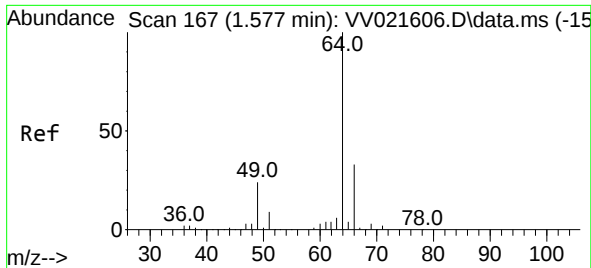
Tgt Ion: 62 Resp: 186972
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.3 43.3



#6
 Bromomethane
 Concen: 41.924 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VV021614.D
 Acq: 06 Jul 2021 14:54

Tgt Ion: 94 Resp: 98542
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.5 121.7

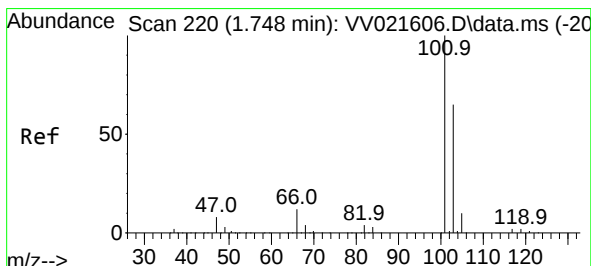
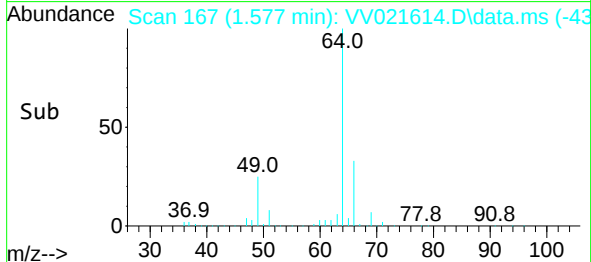
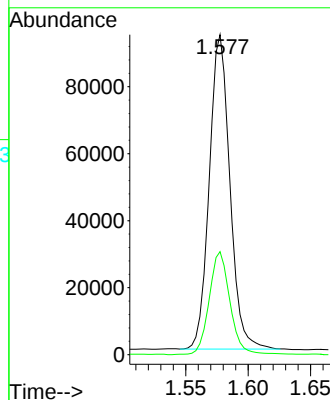
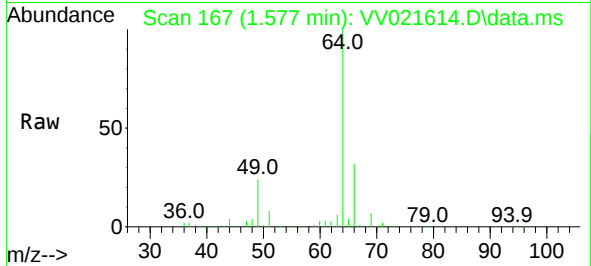




#8
Chloroethane
Concen: 46.506 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

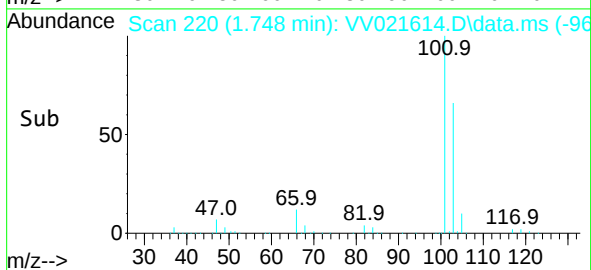
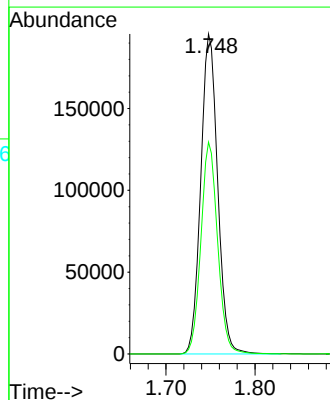
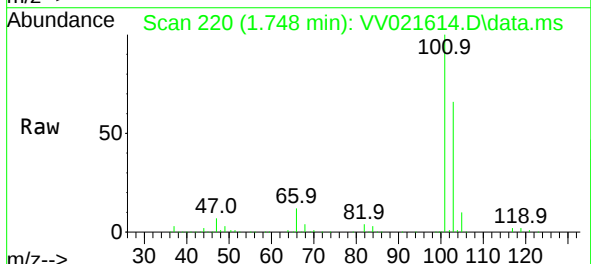
Instrument :
MSVOA_V
ClientSampleId :

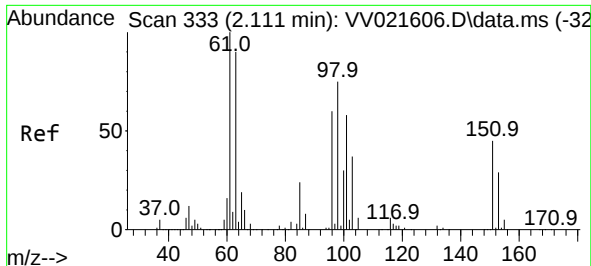
Tgt Ion: 64 Resp: 107844
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 50.857 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion:101 Resp: 258168
Ion Ratio Lower Upper
101 100
103 65.4 52.4 78.6





#10

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

Concen: 48.925 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion:101 Resp: 142280

Ion Ratio Lower Upper

101 100

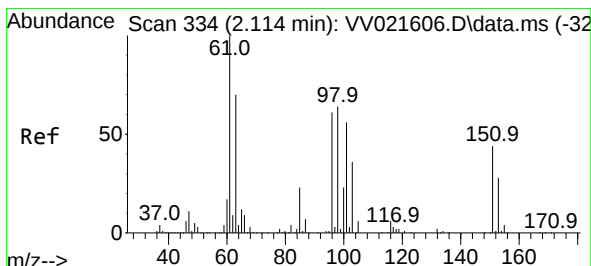
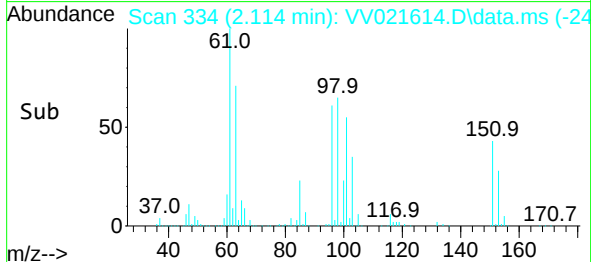
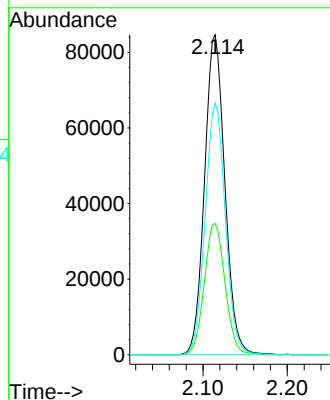
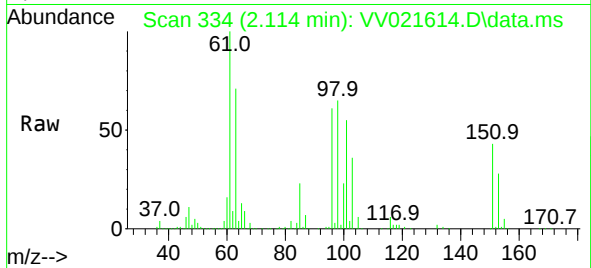
85 41.7 33.3 49.9

151 78.3 62.8 94.2

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.465 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

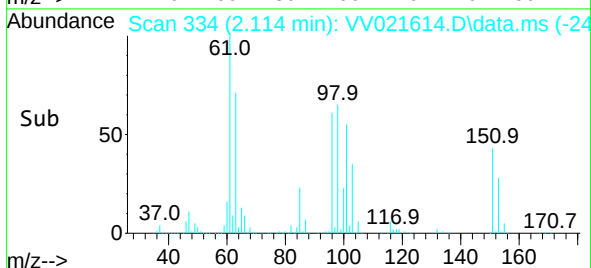
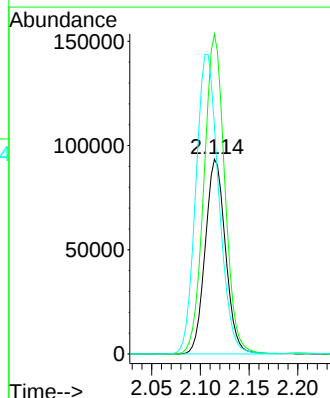
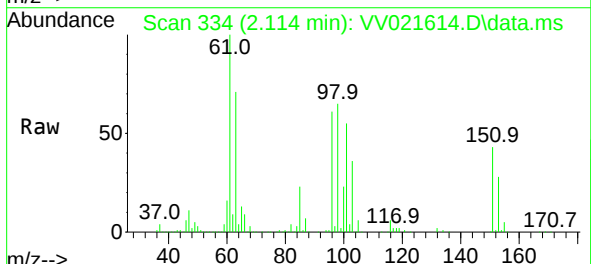
Tgt Ion: 96 Resp: 135430

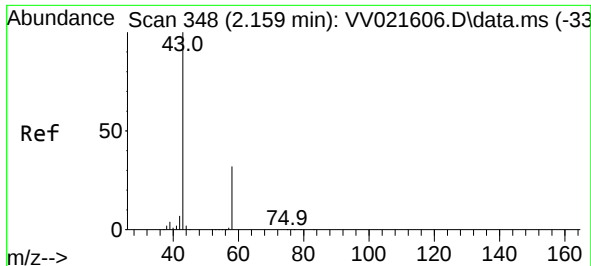
Ion Ratio Lower Upper

96 100

61 164.3 112.9 209.7

63 117.1 90.8 168.6

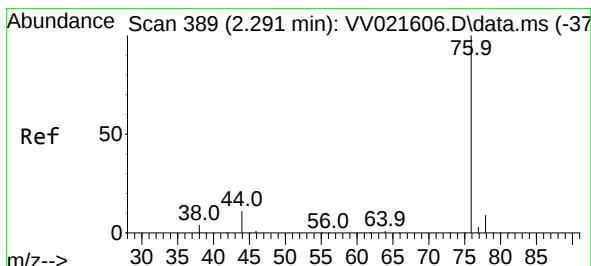
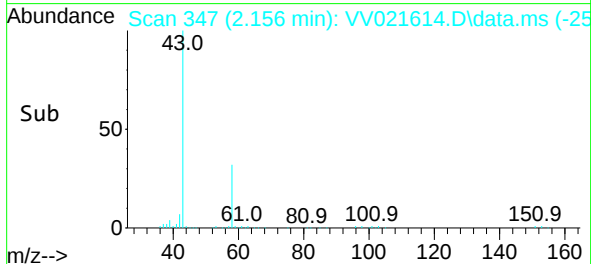
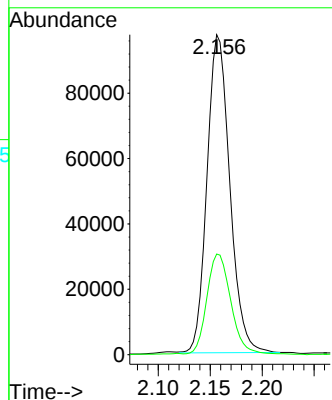
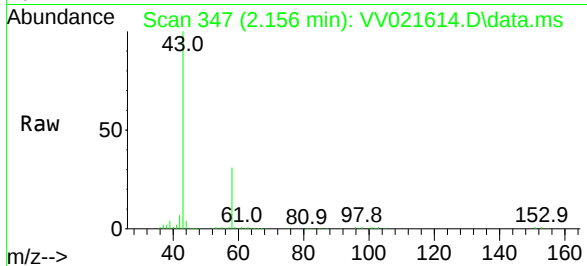




#13
Acetone
Concen: 67.900 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

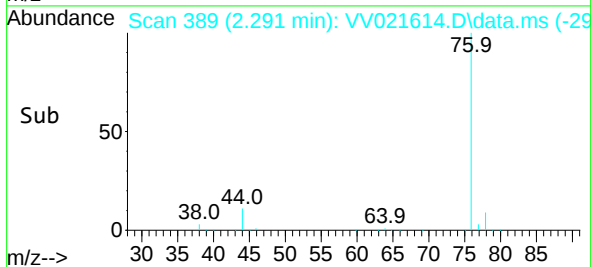
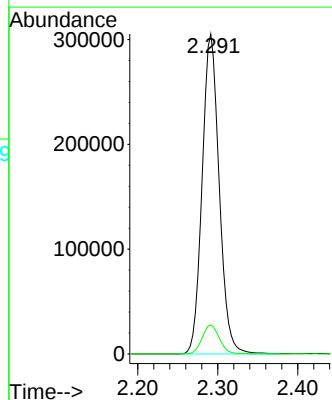
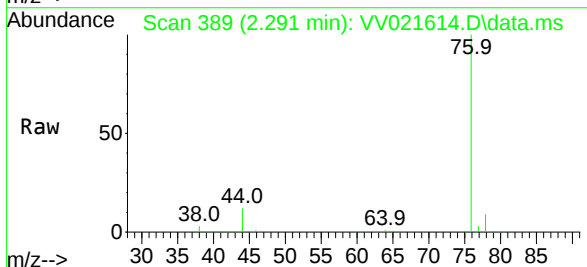
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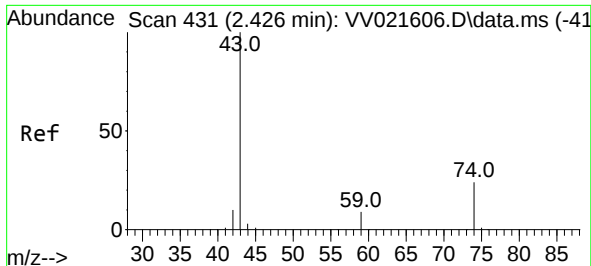
Tgt Ion: 43 Resp: 148417
Ion Ratio Lower Upper
43 100
58 32.8 0.0 0.0#



#14
Carbon disulfide
Concen: 46.058 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 453765
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

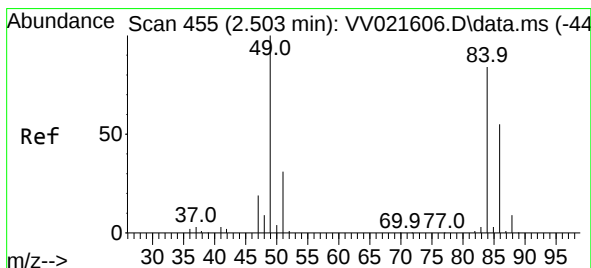
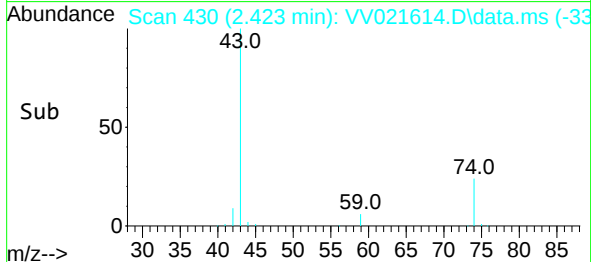
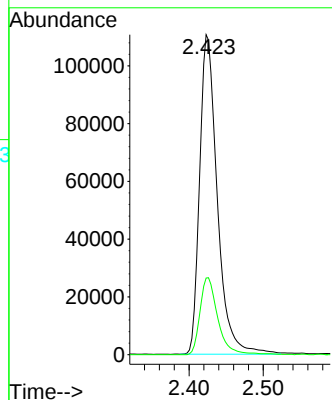
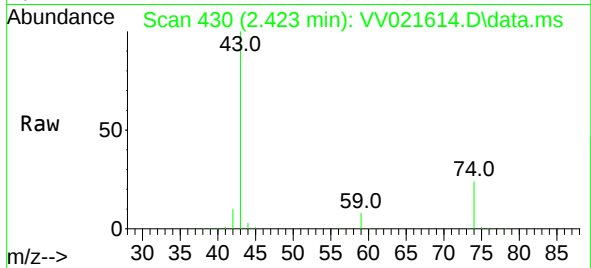




#15
Methyl Acetate
Concen: 45.100 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

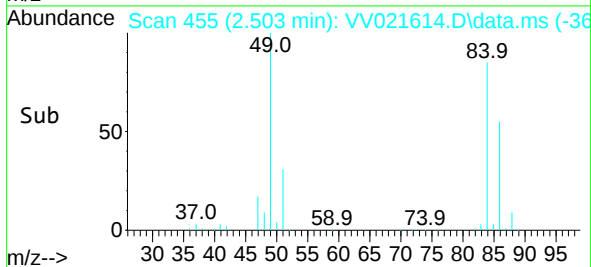
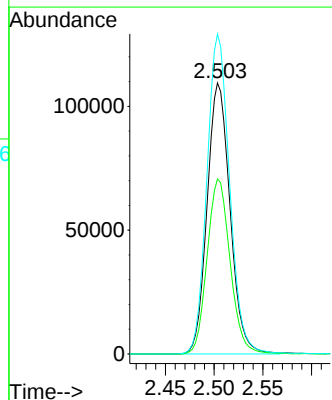
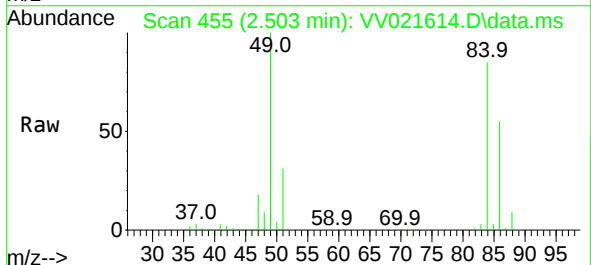
Instrument :
MSVOA_V
ClientSampleId :

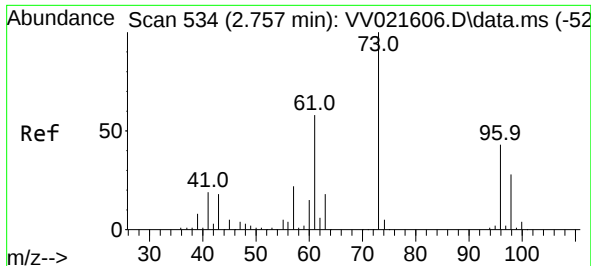
Tgt Ion: 43 Resp: 183187
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 47.298 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 84 Resp: 179421
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.9
49 118.1 82.5 153.3

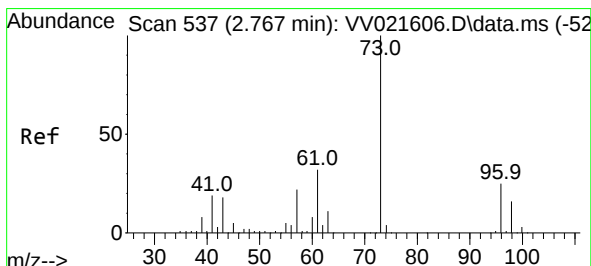
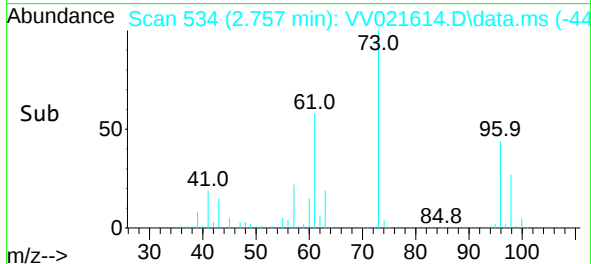
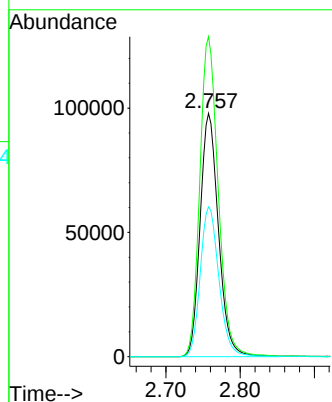
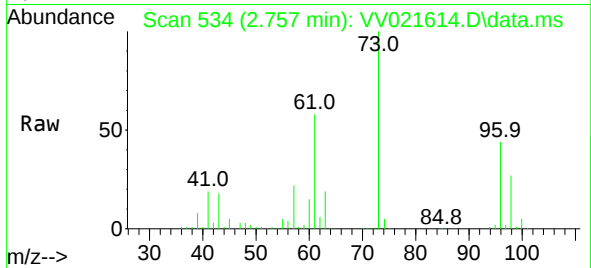




#17
trans-1,2-Dichloroethene
Concen: 49.179 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

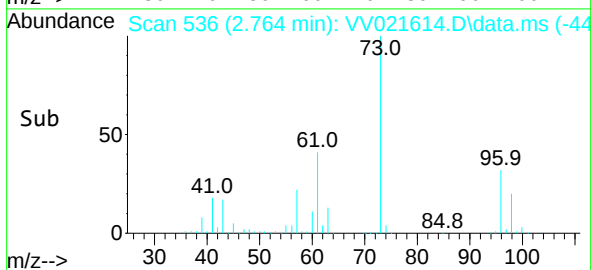
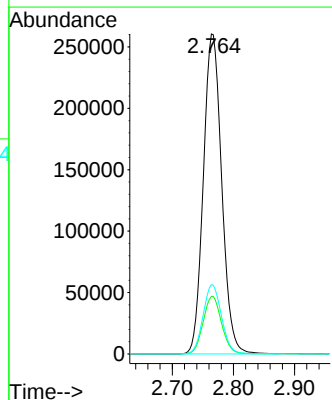
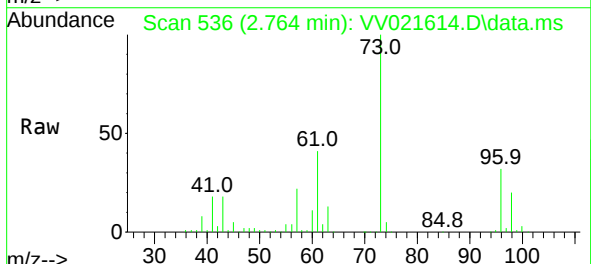
Instrument :
MSVOA_V
ClientSampleId :

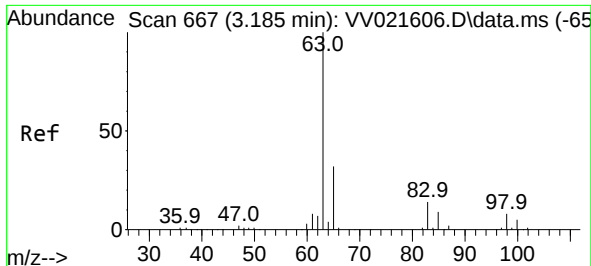
Tgt Ion: 96 Resp: 167656
Ion Ratio Lower Upper
96 100
61 131.5 93.0 172.6
98 61.6 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 49.323 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 73 Resp: 544603
Ion Ratio Lower Upper
73 100
43 17.8 14.6 22.0
57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 48.680 ug/L

RT: 3.188 min Scan# 668

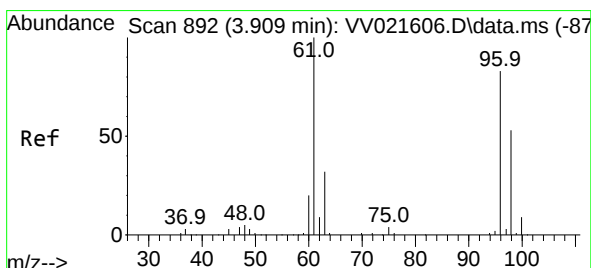
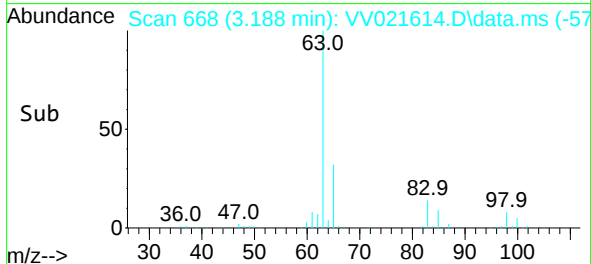
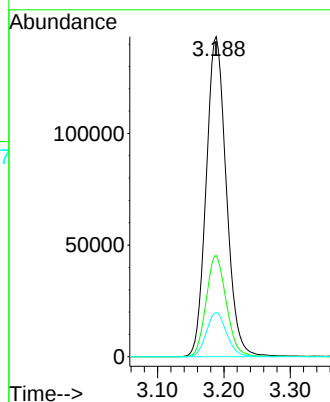
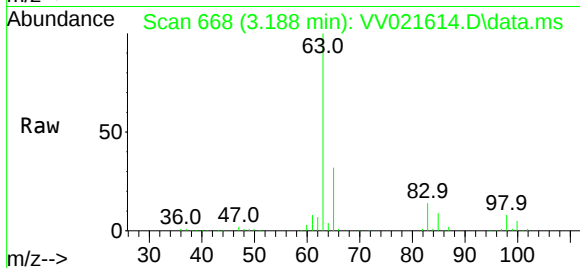
Delta R.T. 0.003 min

Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion: 63 Resp: 302302

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	13.8	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 49.538 ug/L

RT: 3.912 min Scan# 893

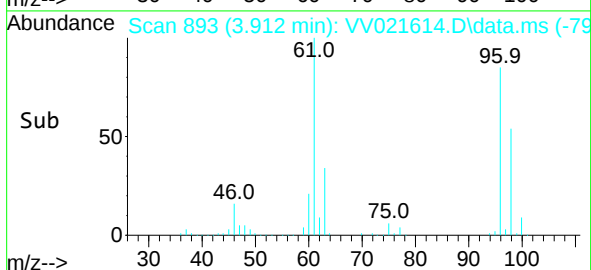
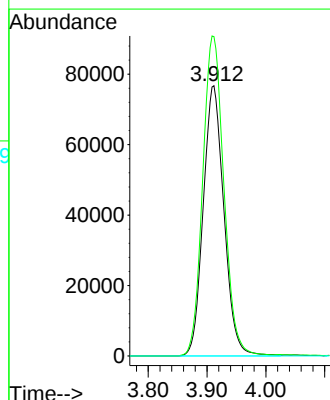
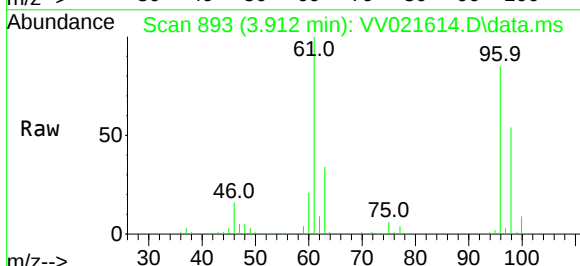
Delta R.T. 0.003 min

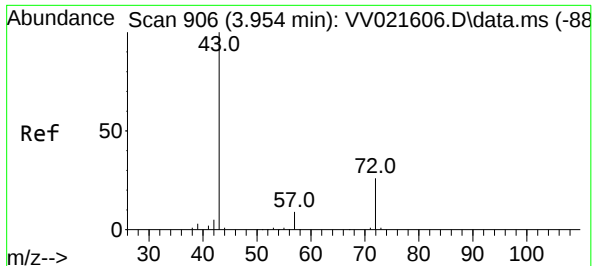
Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion: 96 Resp: 187796

Ion	Ratio	Lower	Upper
96	100		
61	118.2	86.9	161.3
68	0.0	0.0	0.0

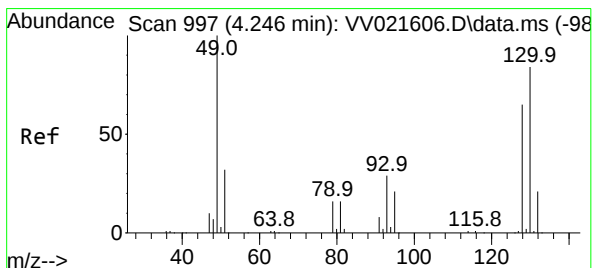
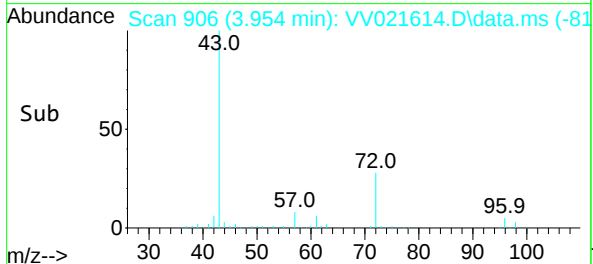
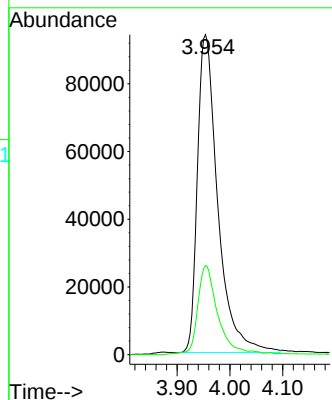
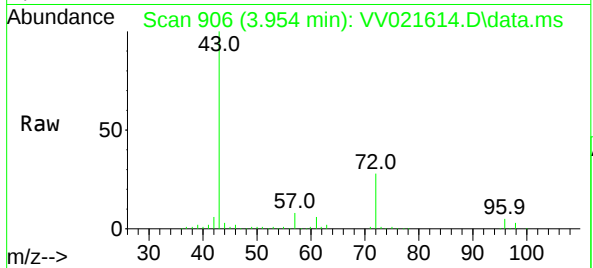




#22
2-Butanone
Concen: 83.353 ug/L
RT: 3.954 min Scan# 906
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

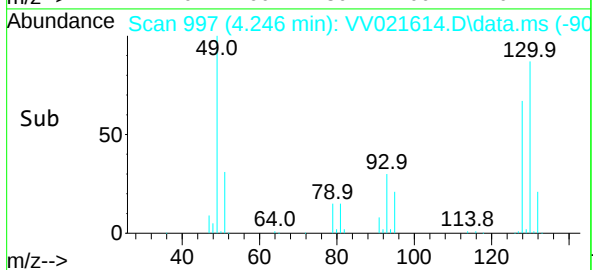
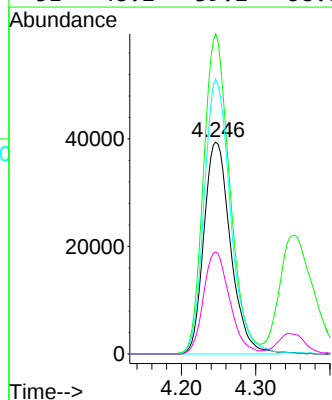
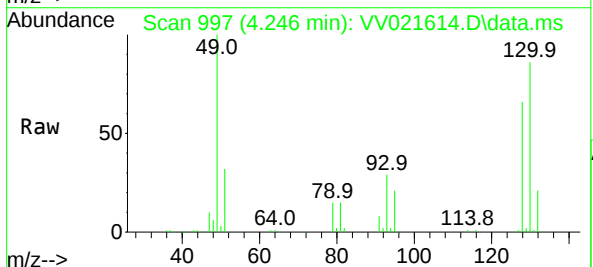
Instrument :
MSVOA_V
ClientSampled :

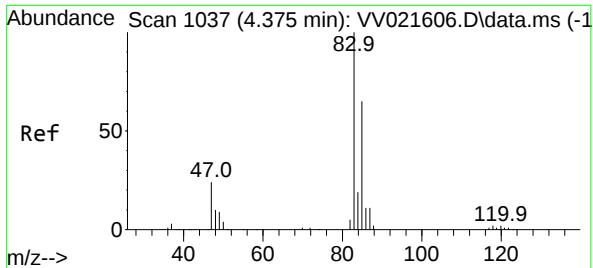
Tgt Ion: 43 Resp: 251618
Ion Ratio Lower Upper
43 100
72 27.2 13.3 39.8



#23
Bromochloromethane
Concen: 49.149 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 128 Resp: 98345
Ion Ratio Lower Upper
128 100
49 151.1 107.5 199.7
130 129.7 92.2 171.2
51 48.2 39.2 58.8





#25

Chloroform

Concen: 48.954 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion: 83 Resp: 309934

Ion Ratio Lower Upper

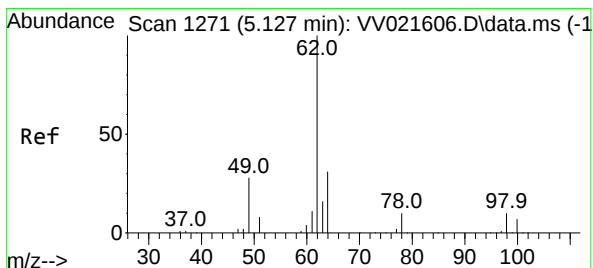
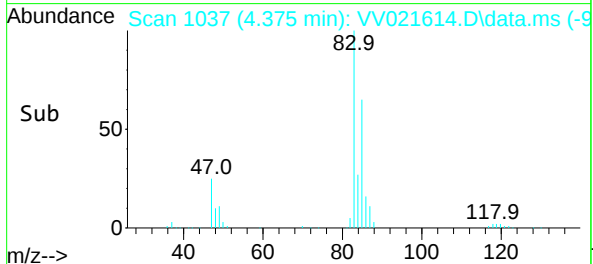
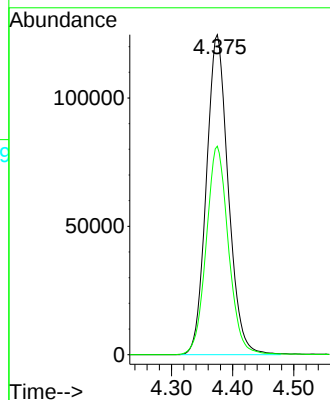
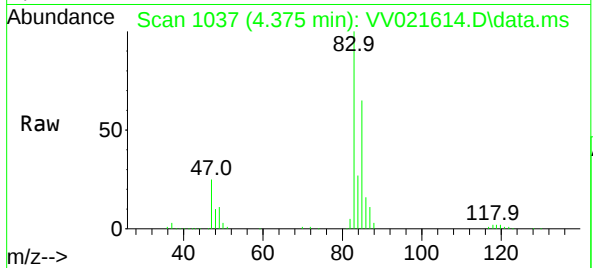
83 100

85 65.1 45.1 83.7

Instrument :

MSVOA_V

ClientSampleId :



#27

1,2-Dichloroethane

Concen: 48.260 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021614.D

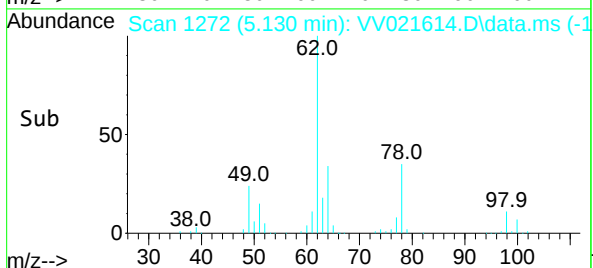
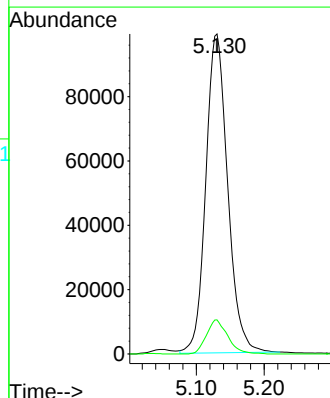
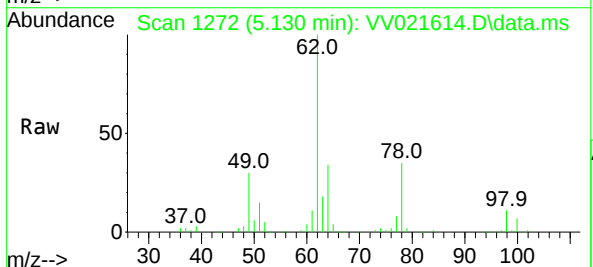
Acq: 06 Jul 2021 14:54

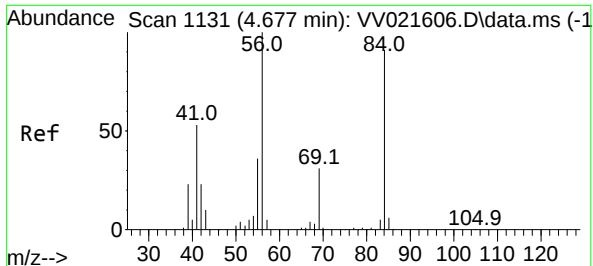
Tgt Ion: 62 Resp: 222229

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 48.857 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

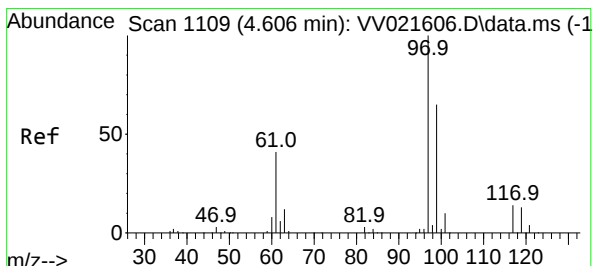
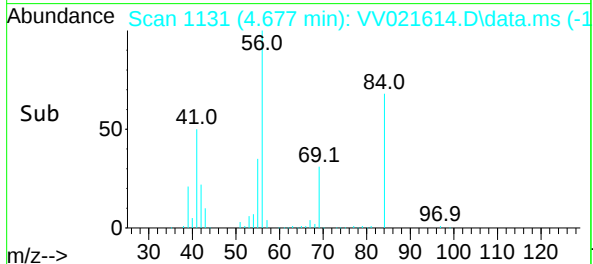
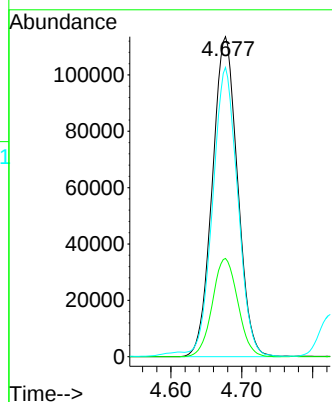
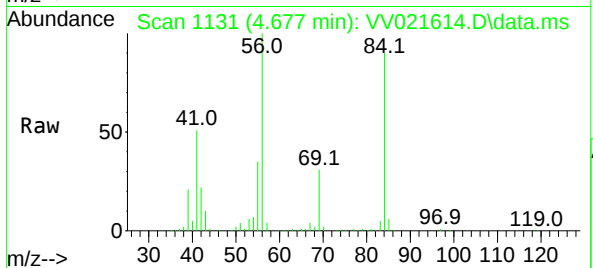
Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion: 56 Resp: 280923

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.9	37.3
84	89.0	71.6	107.4

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 49.012 ug/L

RT: 4.606 min Scan# 1109

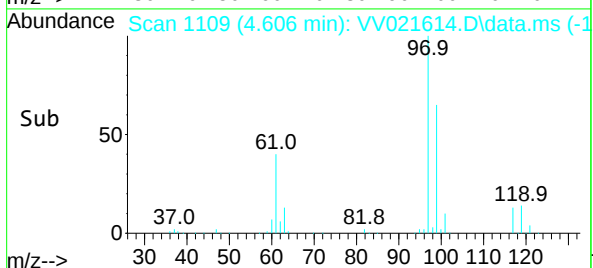
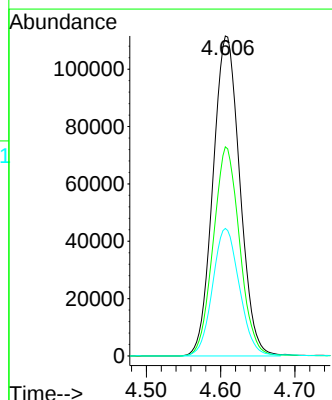
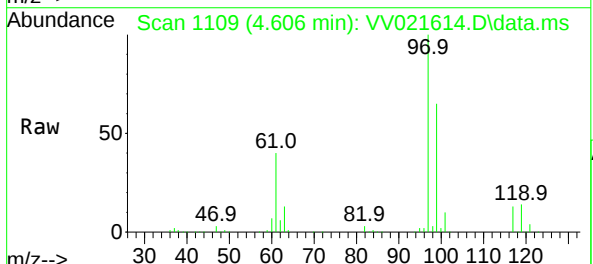
Delta R.T. -0.000 min

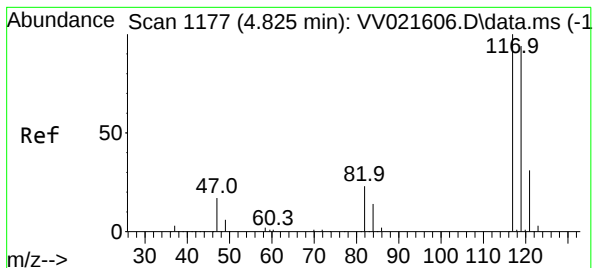
Lab File: VV021614.D

Acq: 06 Jul 2021 14:54

Tgt Ion: 97 Resp: 280583

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	39.9	32.6	49.0

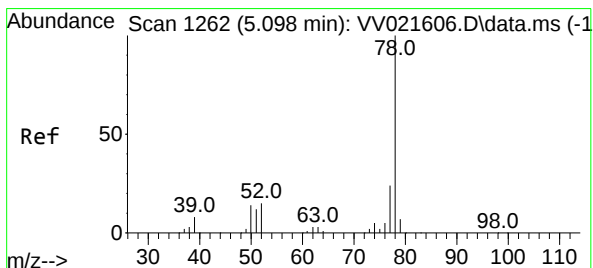
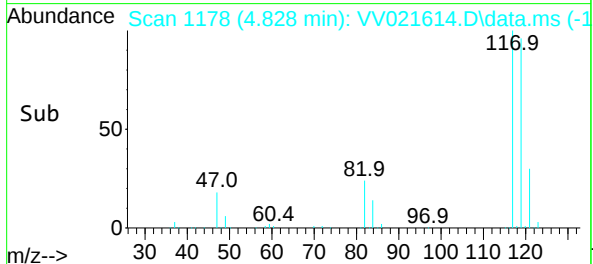
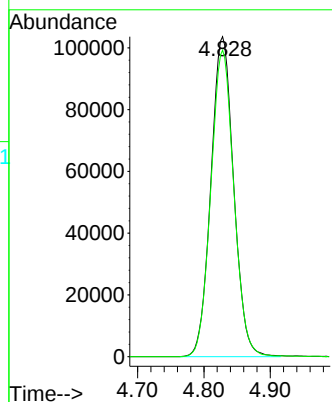
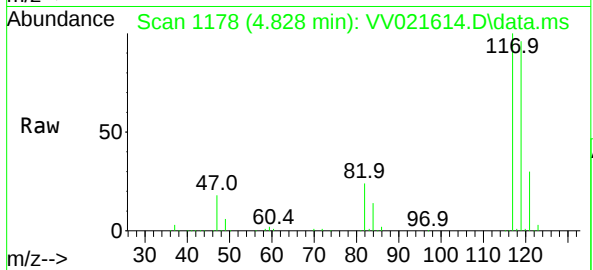




#31
Carbon tetrachloride
Concen: 48.999 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

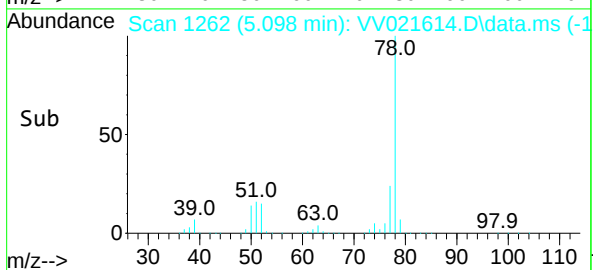
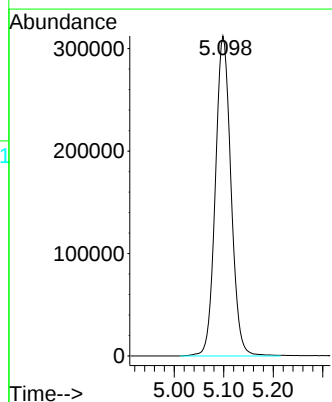
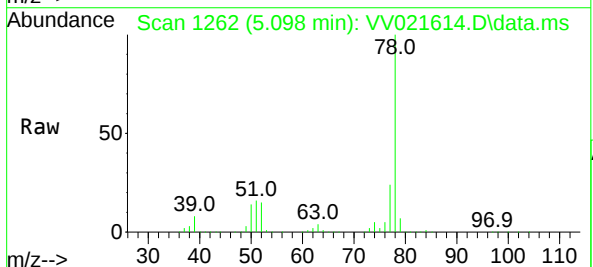
Instrument :
MSVOA_V
ClientSampled :

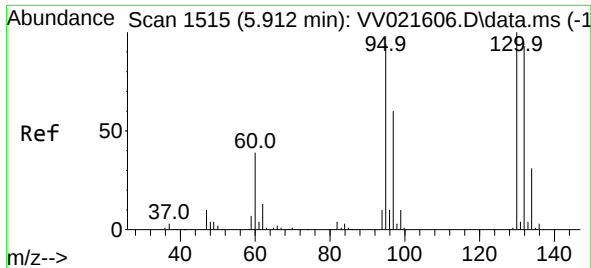
Tgt Ion:117 Resp: 247043
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7



#33
Benzene
Concen: 49.472 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 78 Resp: 685573

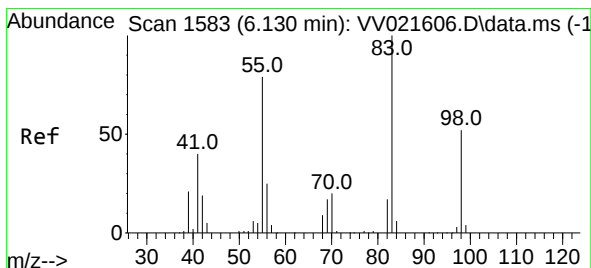
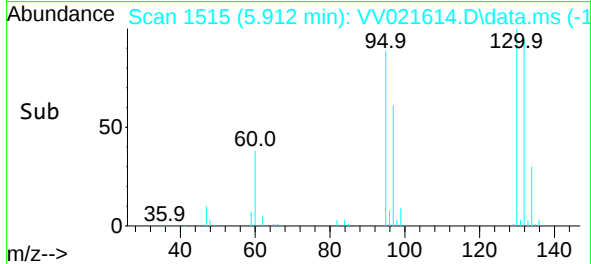
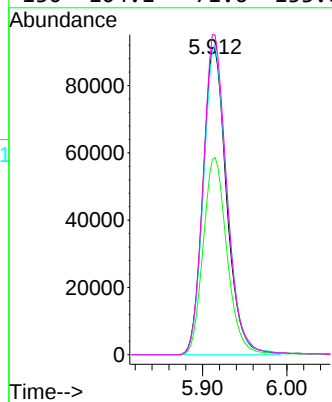
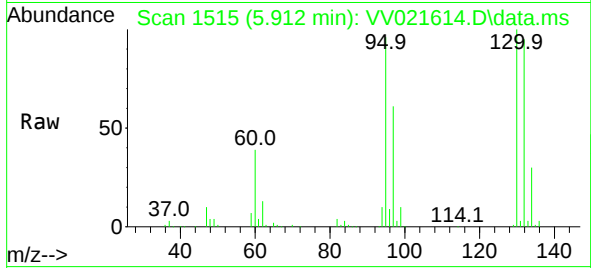




#34
Trichloroethene
Concen: 47.490 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

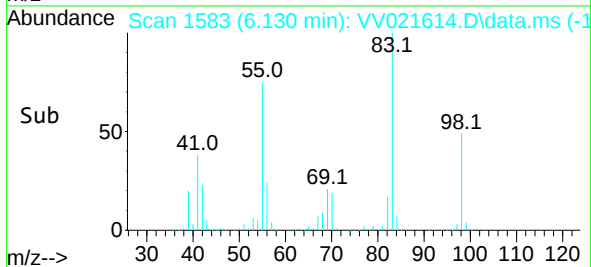
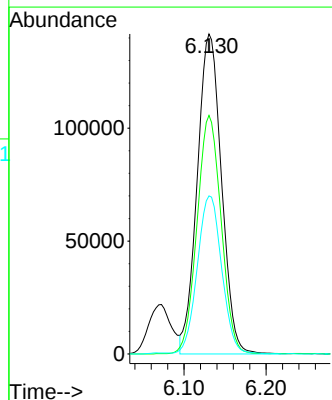
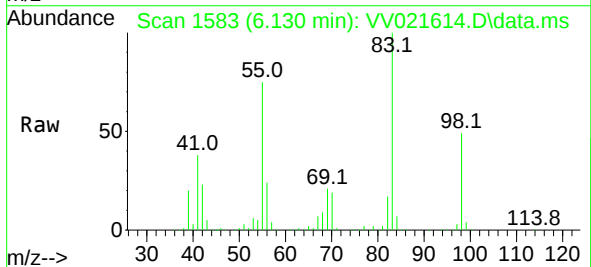
Instrument :
MSVOA_V
ClientSampleId :

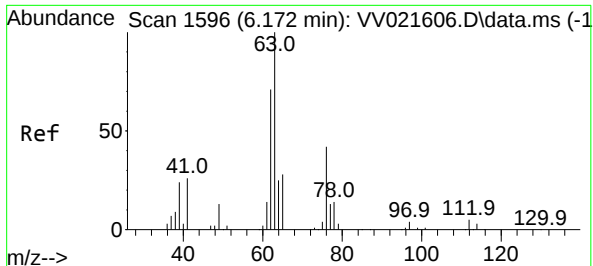
Tgt Ion: 95 Resp: 177896
Ion Ratio Lower Upper
95 100
97 63.5 44.6 82.8
132 98.8 69.0 128.1
130 104.1 71.6 133.0



#35
Methylcyclohexane
Concen: 48.941 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 83 Resp: 291058
Ion Ratio Lower Upper
83 100
55 74.0 58.7 88.1
98 49.6 39.7 59.5



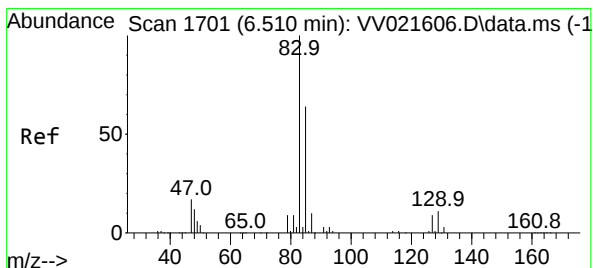
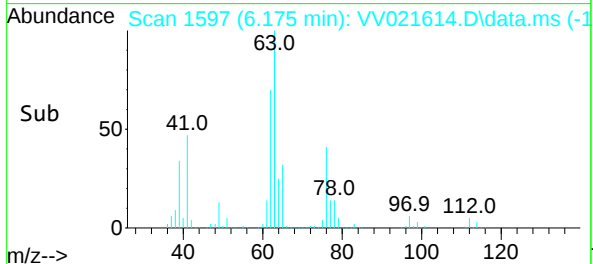
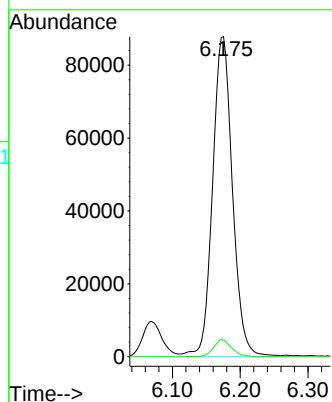
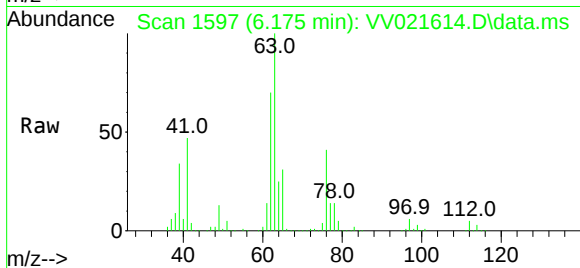


#37

1,2-Dichloropropane
Concen: 49.674 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Instrument :
MSVOA_V
ClientSampled :

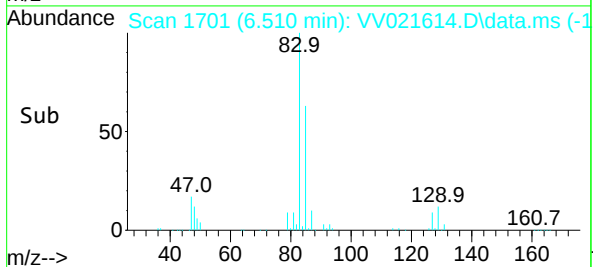
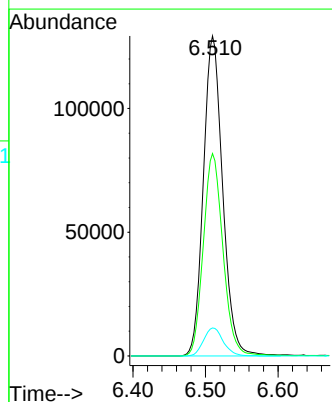
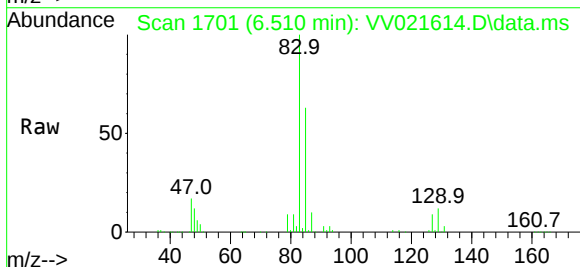
Tgt Ion: 63 Resp: 178928
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6

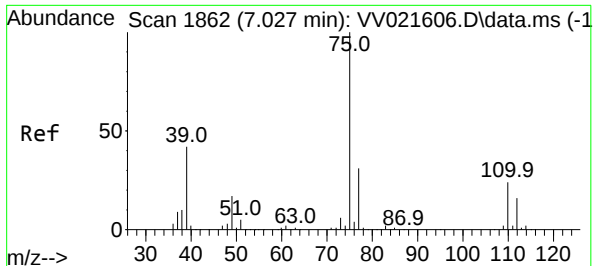


#38

Bromodichloromethane
Concen: 49.171 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 83 Resp: 239360
Ion Ratio Lower Upper
83 100
85 63.3 46.3 86.1
127 8.8 7.3 10.9

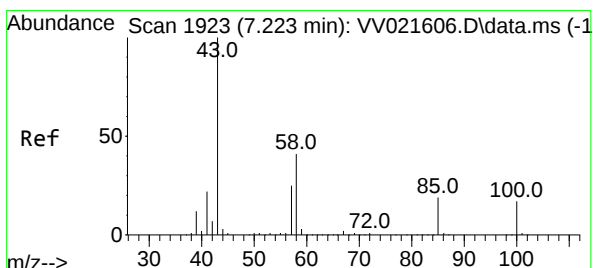
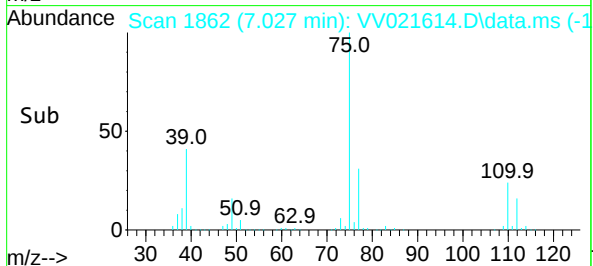
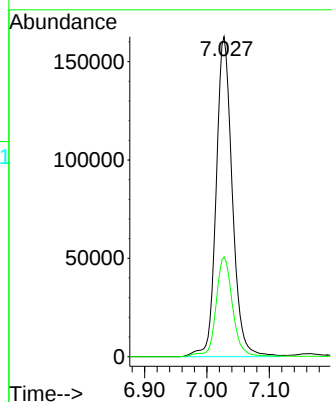
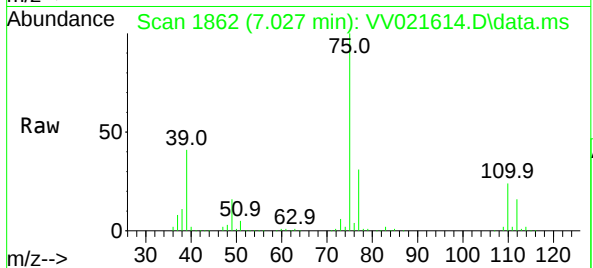




#39
 cis-1,3-Dichloropropene
 Concen: 49.273 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021614.D
 Acq: 06 Jul 2021 14:54

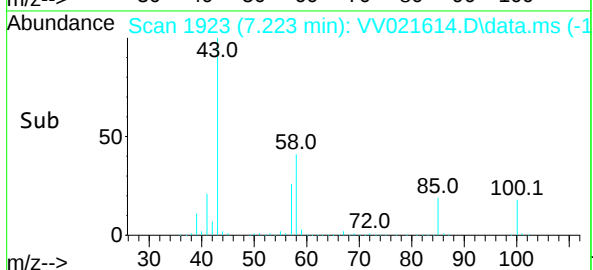
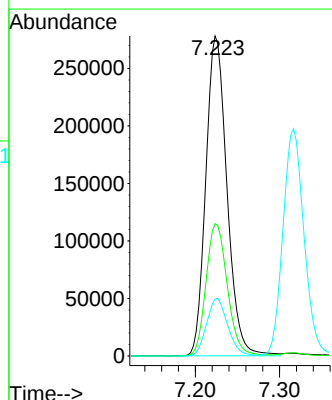
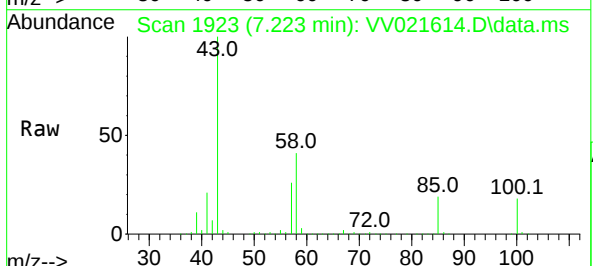
Instrument :
 MSVOA_V
 ClientSampled :

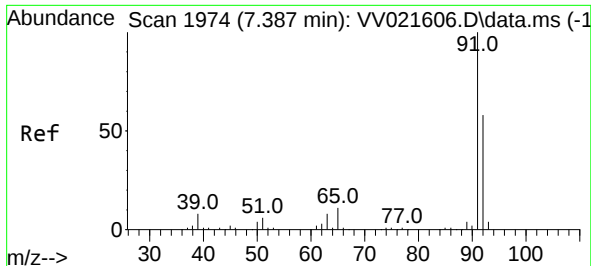
Tgt Ion: 75 Resp: 292679
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 91.993 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV021614.D
 Acq: 06 Jul 2021 14:54

Tgt Ion: 43 Resp: 486419
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.8 49.2
 100 17.9 13.5 20.3

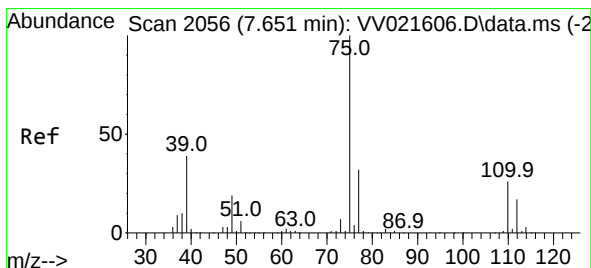
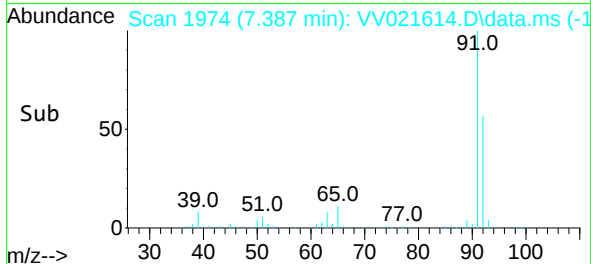
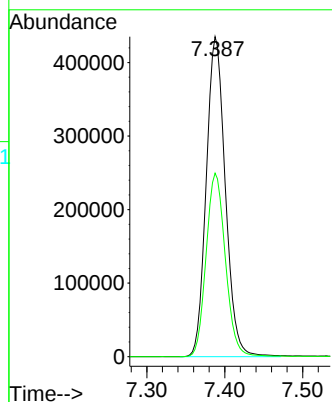
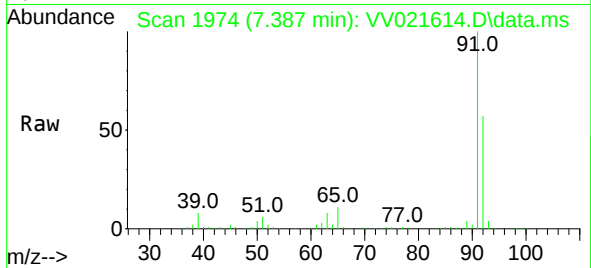




#42
Toluene
Concen: 49.833 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

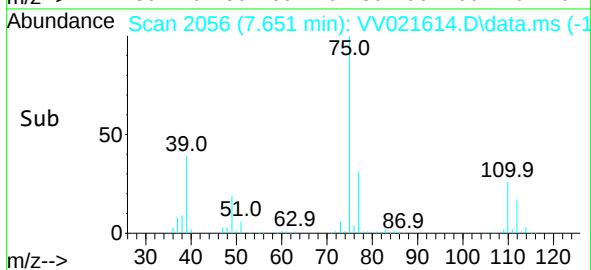
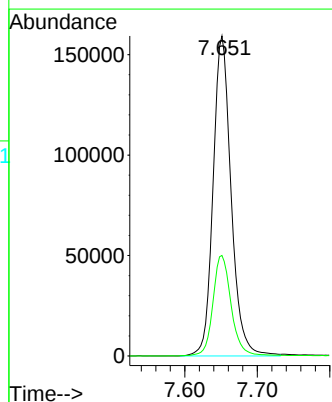
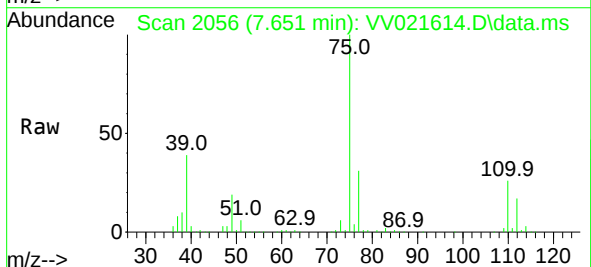
Instrument :
MSVOA_V
ClientSampleId :

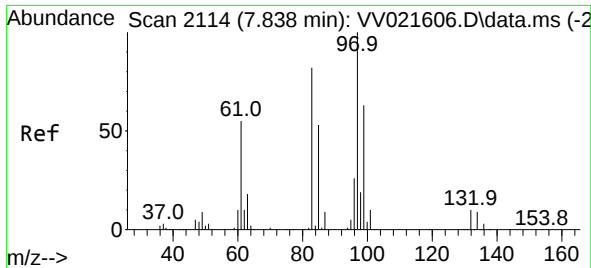
Tgt Ion: 91 Resp: 739680
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 49.599 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 75 Resp: 275130
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4





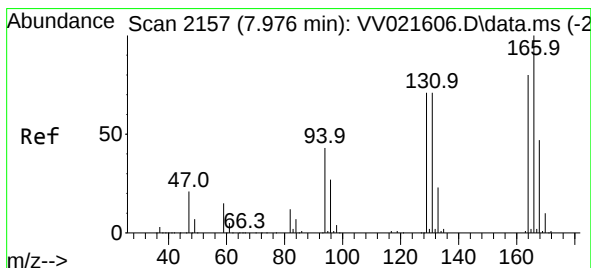
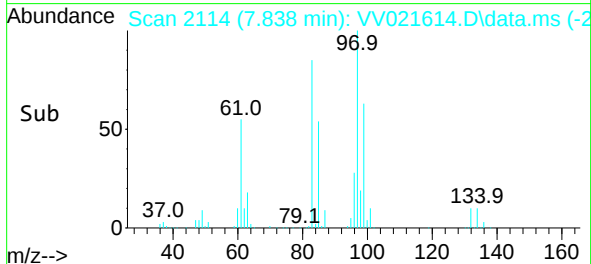
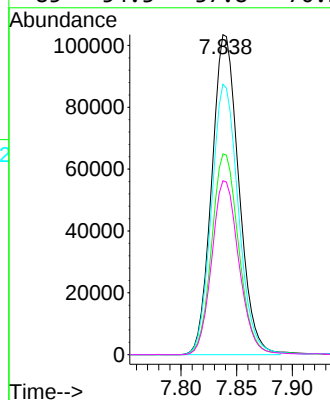
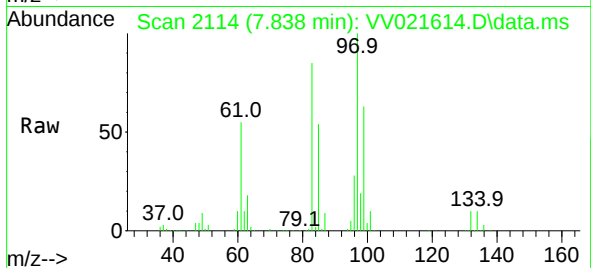
#45

1,1,2-Trichloroethane
Concen: 49.372 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 174709

Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.4	82.4
83	84.5	58.8	109.2
85	54.3	37.8	70.2

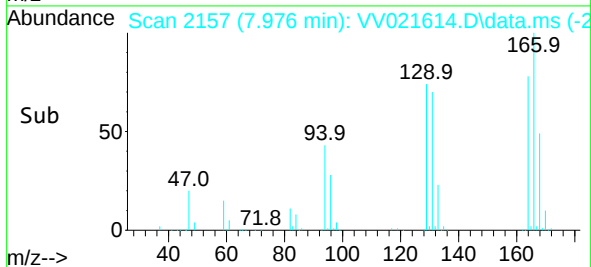
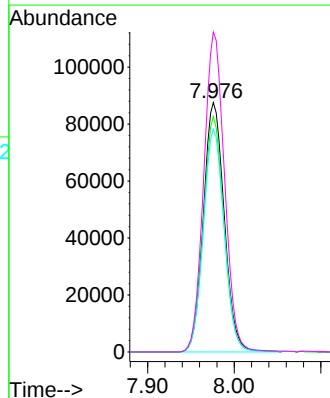
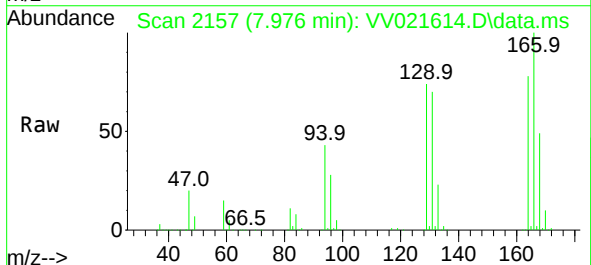


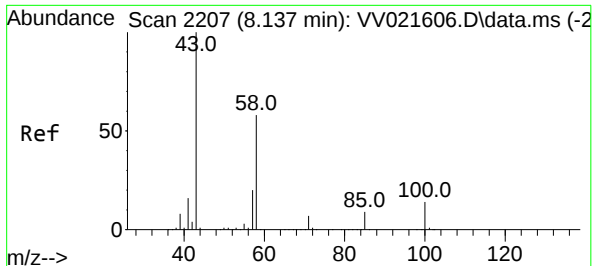
#46

Tetrachloroethene
Concen: 49.210 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 164 Resp: 146610

Ion	Ratio	Lower	Upper
164	100		
129	94.3	65.9	122.3
131	89.3	64.0	119.0
166	128.3	89.0	165.2



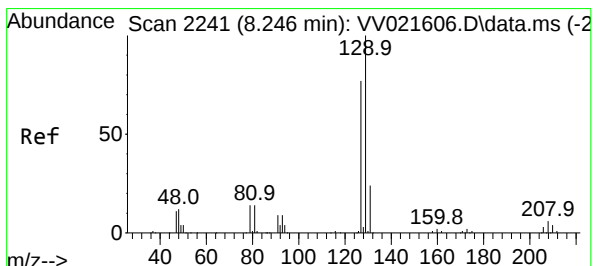
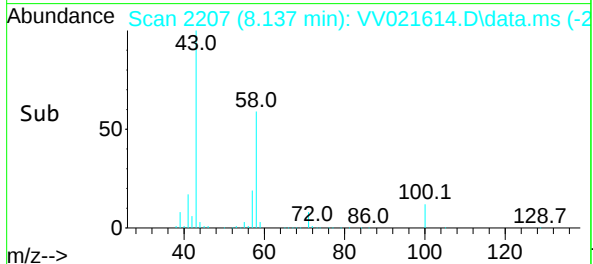
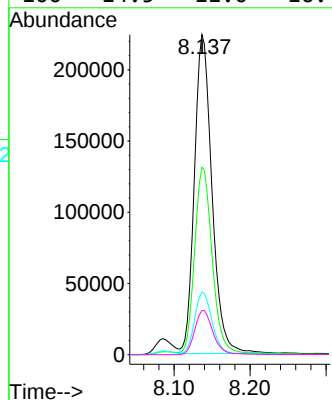
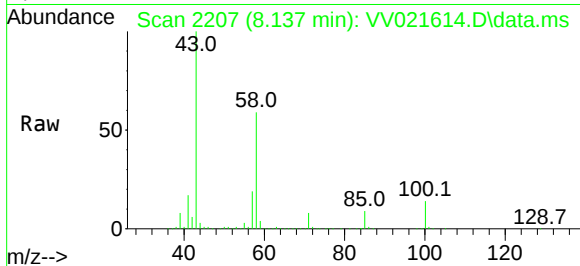


#48
2-Hexanone
Concen: 86.111 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 359894

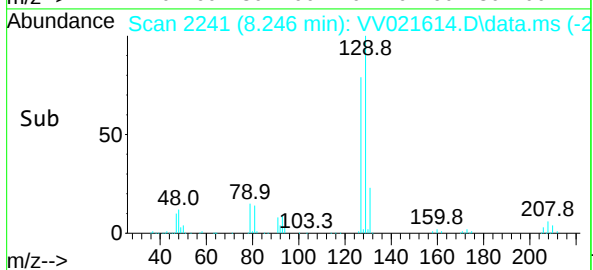
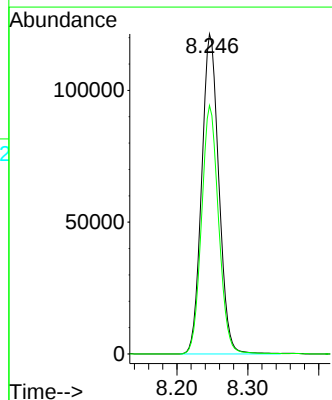
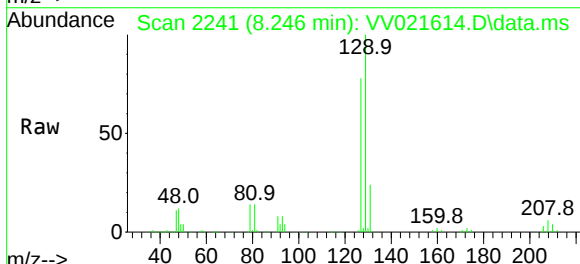
Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.7	70.1
57	19.4	15.5	23.3
100	14.5	11.0	16.4

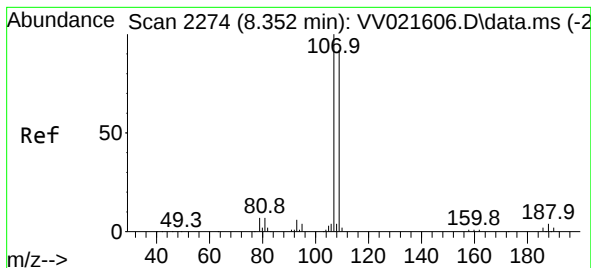


#49
Dibromochloromethane
Concen: 50.124 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 129 Resp: 204268

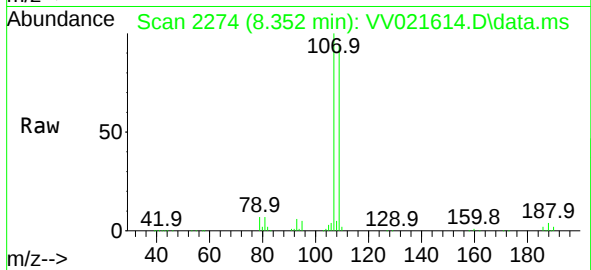
Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.1	98.7



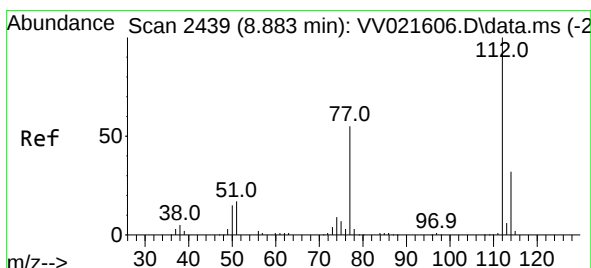
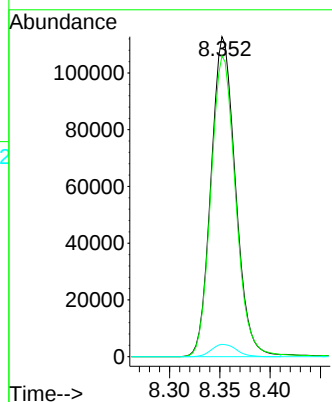
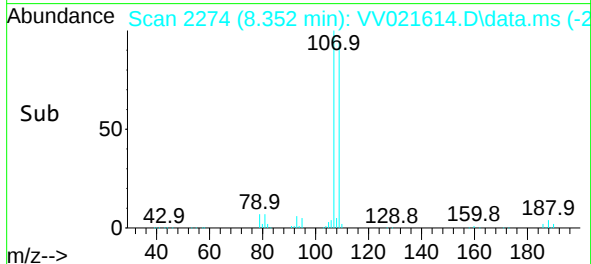


#50
1,2-Dibromoethane
Concen: 49.159 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

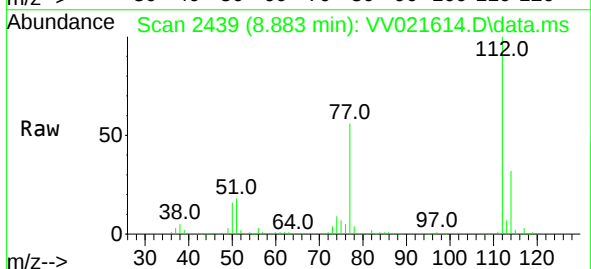
Instrument :
MSVOA_V
ClientSampleId :



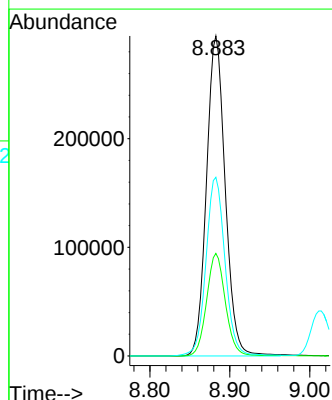
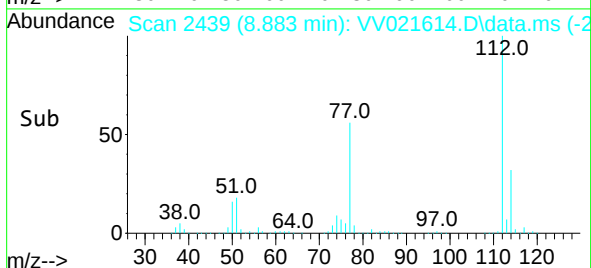
Tgt Ion:107 Resp: 190728
Ion Ratio Lower Upper
107 100
109 94.0 65.8 122.2
188 3.9 3.1 4.7

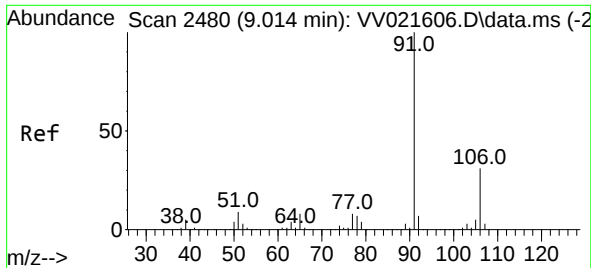


#51
Chlorobenzene
Concen: 49.803 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54



Tgt Ion:112 Resp: 481072
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 55.9 44.0 66.0

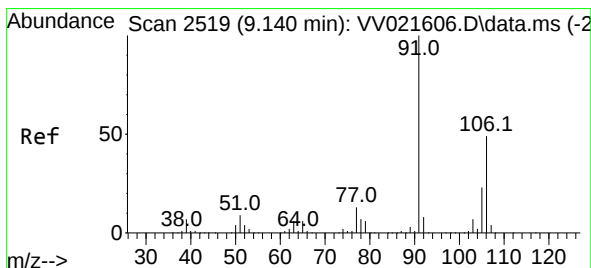
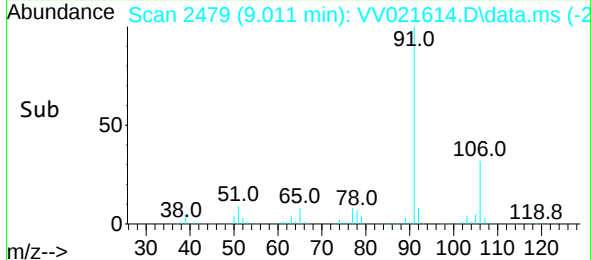
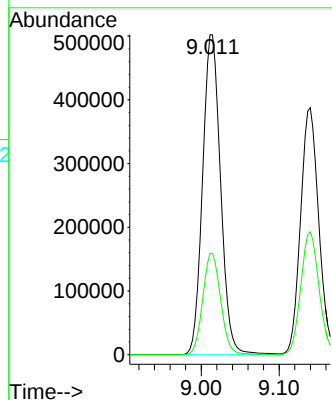
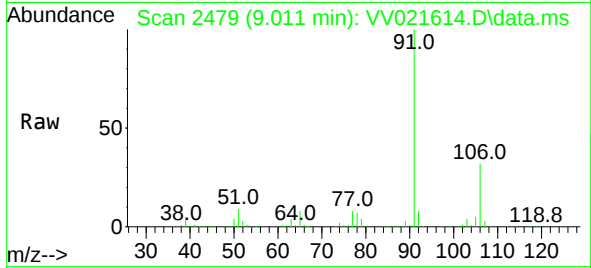




#52
Ethylbenzene
Concen: 50.000 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

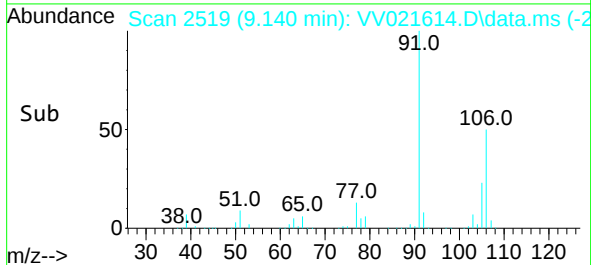
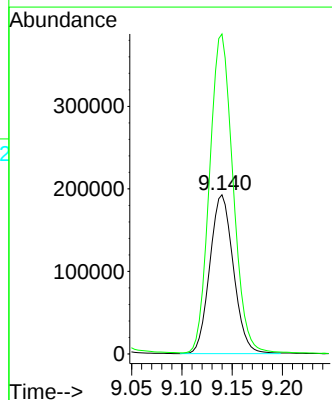
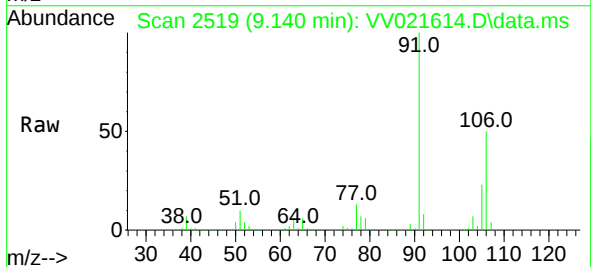
Instrument :
MSVOA_V
ClientSampleId :

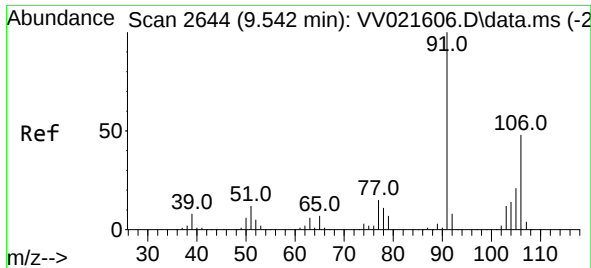
Tgt Ion: 91 Resp: 806292
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 50.750 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 106 Resp: 314067
Ion Ratio Lower Upper
106 100
91 201.0 138.7 257.5

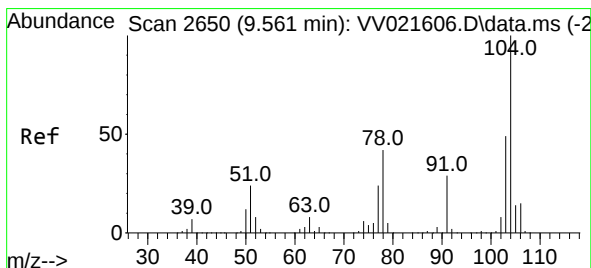
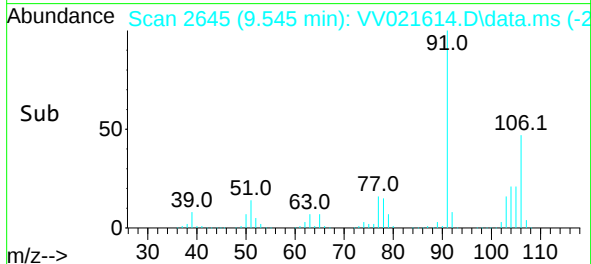
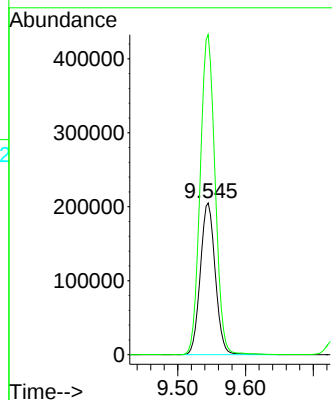
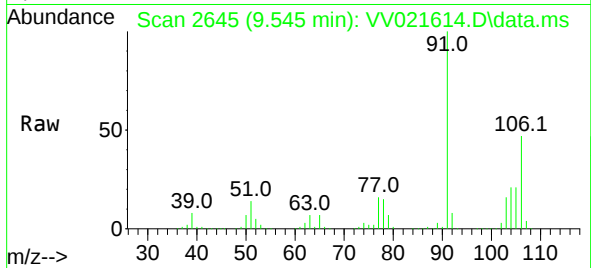




#54
o-Xylene
Concen: 50.771 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

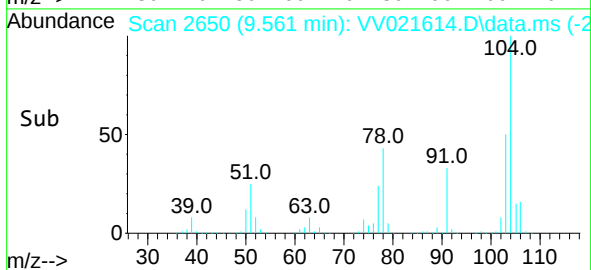
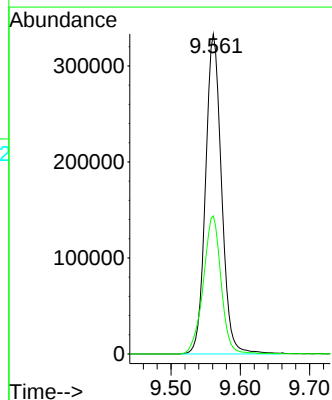
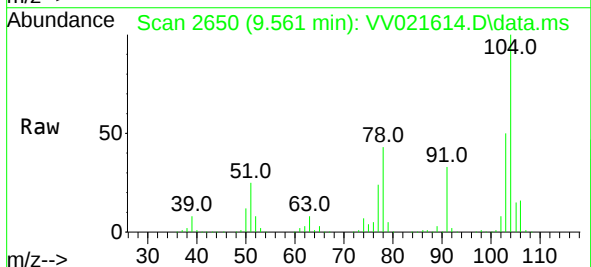
Instrument :
MSVOA_V
ClientSampled :

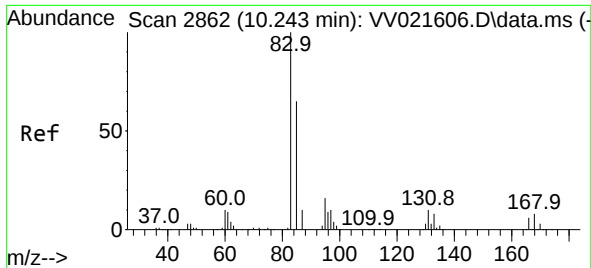
Tgt Ion:106 Resp: 313457
Ion Ratio Lower Upper
106 100
91 210.9 149.0 276.8



#55
Styrene
Concen: 51.291 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion:104 Resp: 535092
Ion Ratio Lower Upper
104 100
78 43.1 30.6 56.8

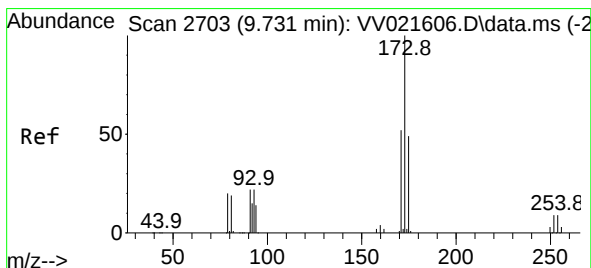
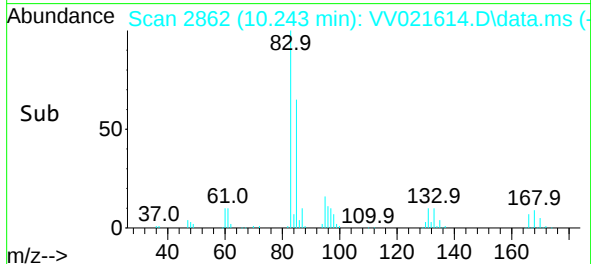
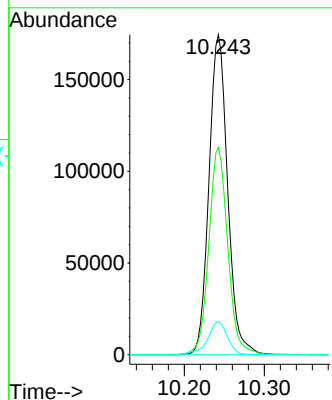
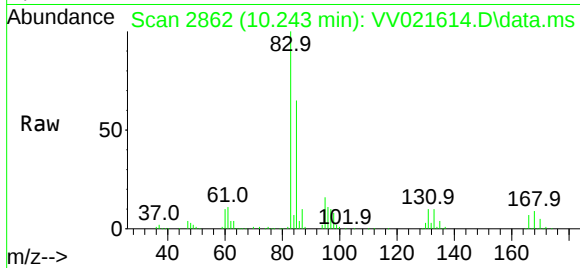




#57
1,1,2,2-Tetrachloroethane
Concen: 51.315 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

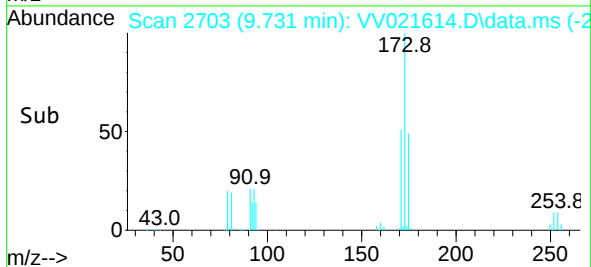
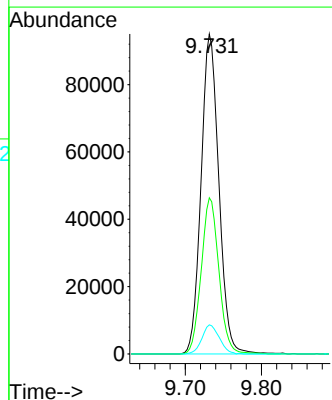
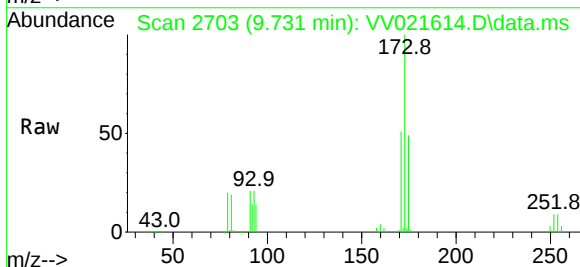
Instrument :
MSVOA_V
ClientSampleId :

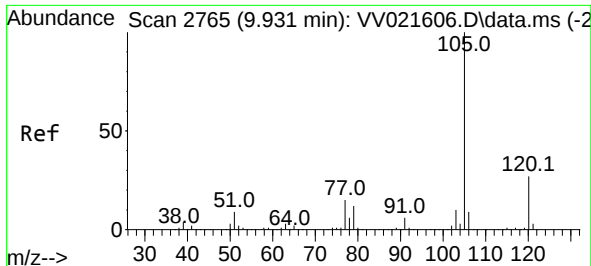
Tgt Ion: 83 Resp: 283060
Ion Ratio Lower Upper
83 100
85 64.9 45.0 83.6
131 10.3 8.4 12.6



#59
Bromoform
Concen: 49.521 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 173 Resp: 154322
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 8.9 7.0 10.6

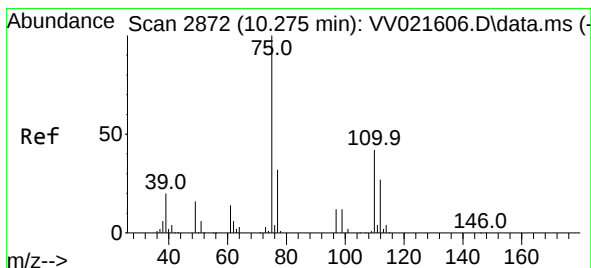
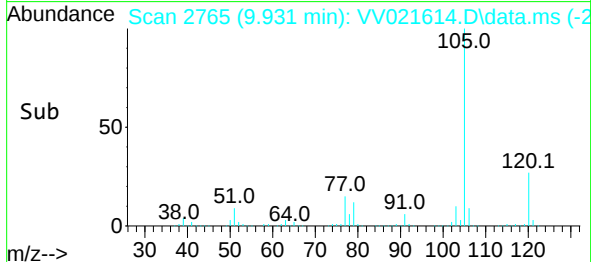
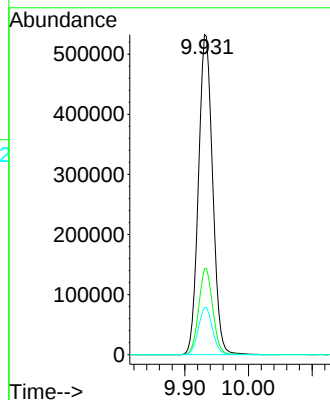
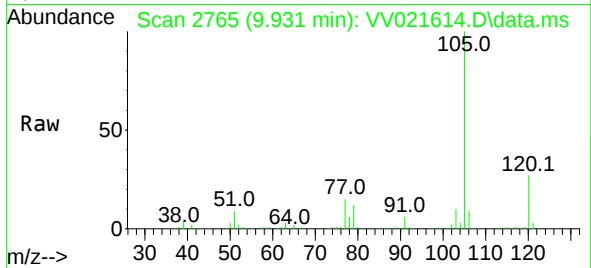




#60
Isopropylbenzene
Concen: 49.785 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

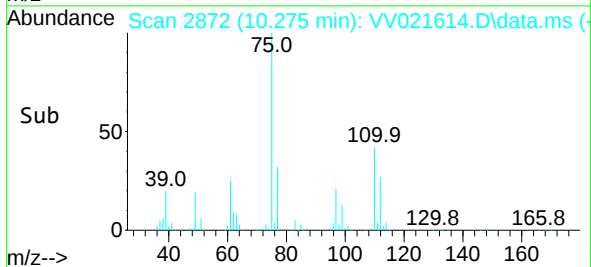
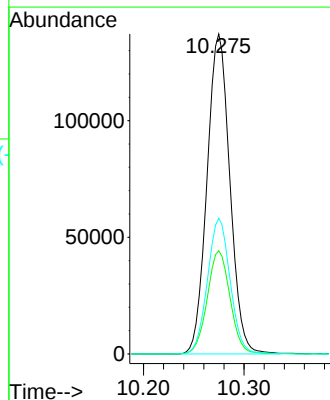
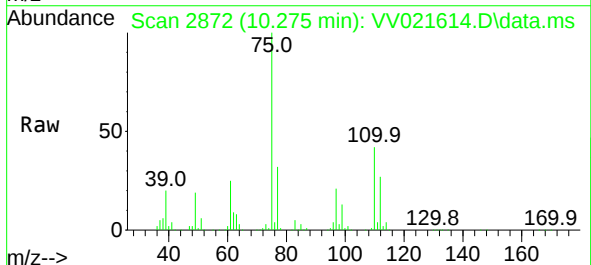
Instrument :
MSVOA_V
ClientSampleId :

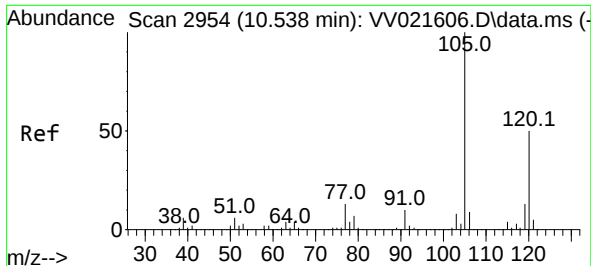
Tgt Ion:105 Resp: 823313
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 46.203 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 75 Resp: 216552
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 42.1 33.0 49.6

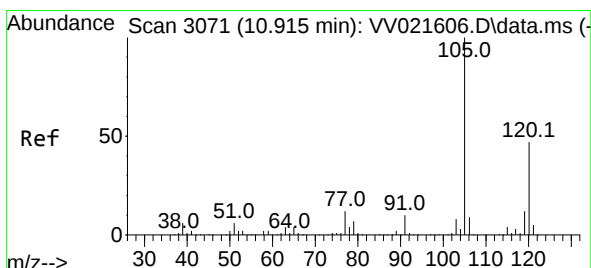
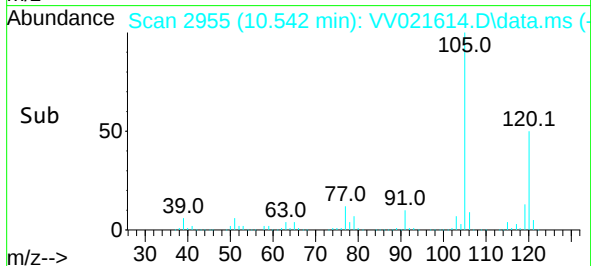
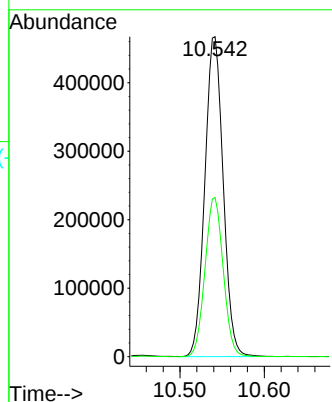
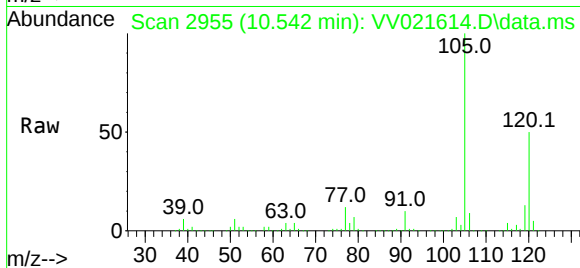




#62
1,3,5-Trimethylbenzene
Concen: 50.295 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

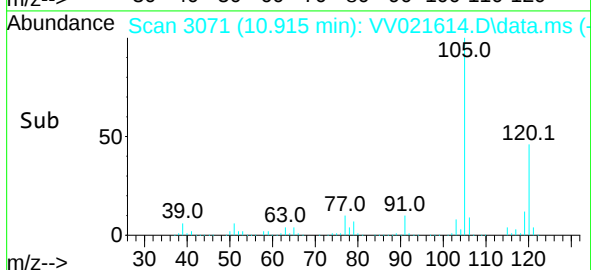
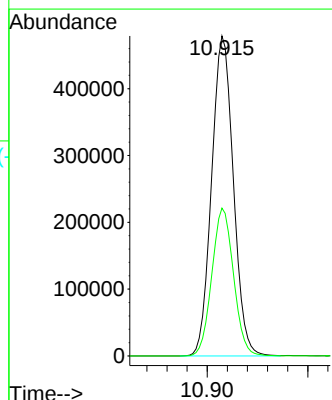
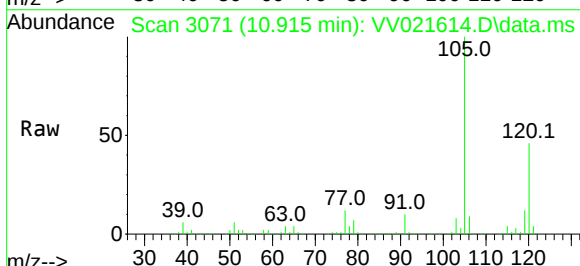
Instrument :
MSVOA_V
ClientSampled :

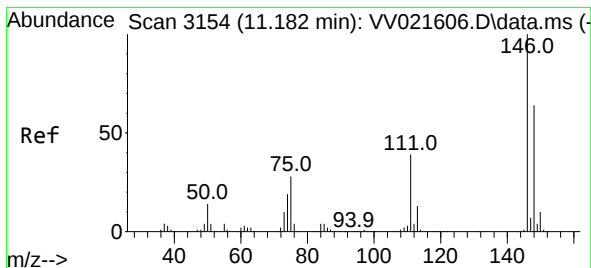
Tgt Ion:105 Resp: 708868
Ion Ratio Lower Upper
105 100
120 49.5 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 50.414 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion:105 Resp: 719068
Ion Ratio Lower Upper
105 100
120 46.1 37.1 55.7

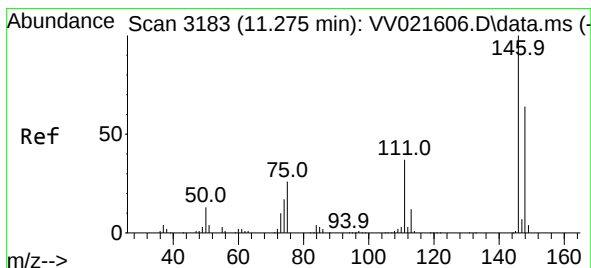
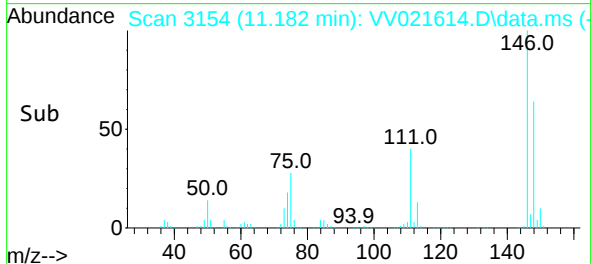
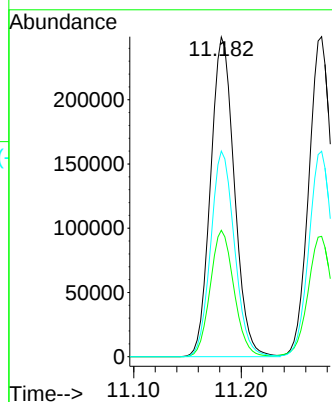
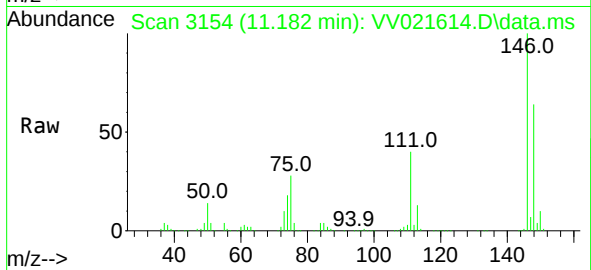




#64
1,3-Dichlorobenzene
Concen: 49.245 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

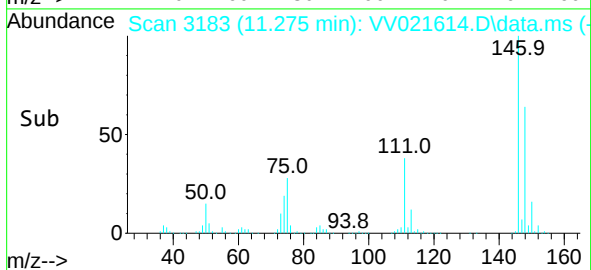
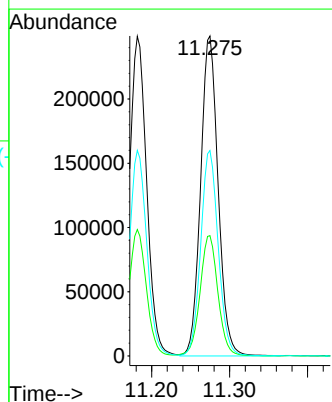
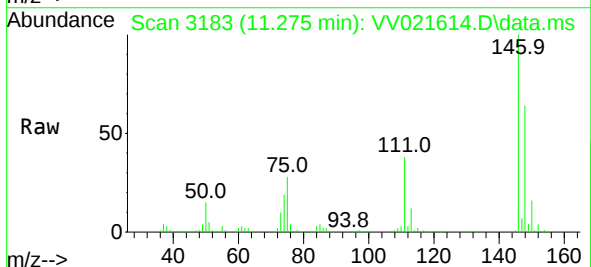
Instrument :
MSVOA_V
ClientSampled :

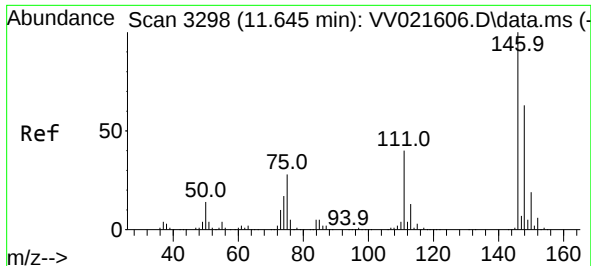
Tgt Ion:146 Resp: 382953
Ion Ratio Lower Upper
146 100
111 39.5 27.3 50.7
148 64.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.060 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion:146 Resp: 389102
Ion Ratio Lower Upper
146 100
111 37.6 26.6 49.4
148 64.2 45.2 84.0

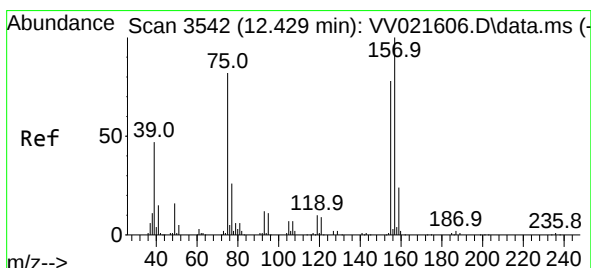
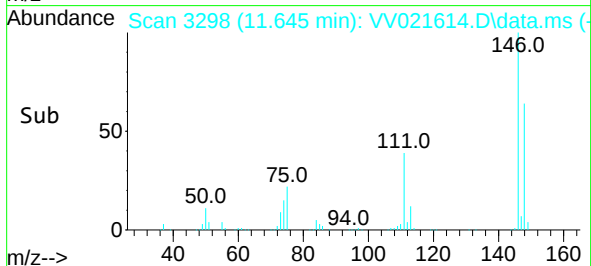
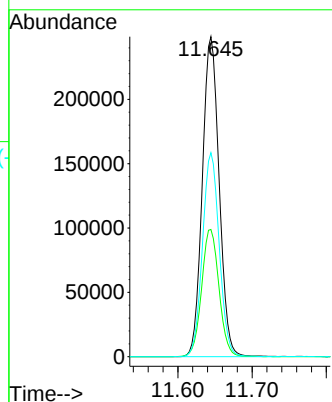
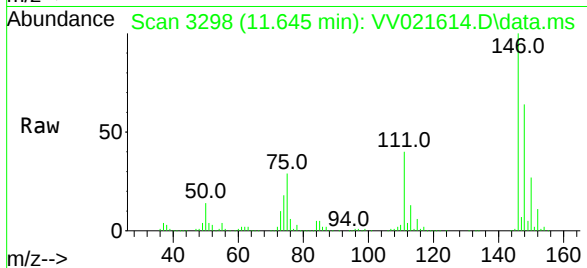




#67
1,2-Dichlorobenzene
Concen: 50.225 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

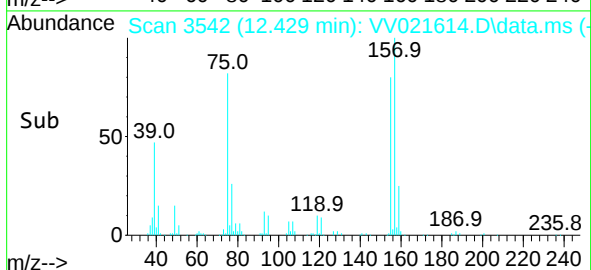
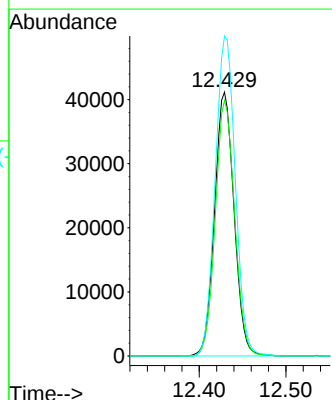
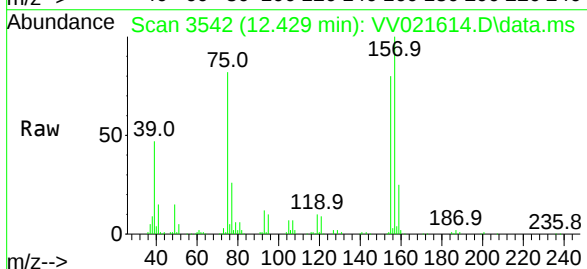
Instrument :
MSVOA_V
ClientSampleId :

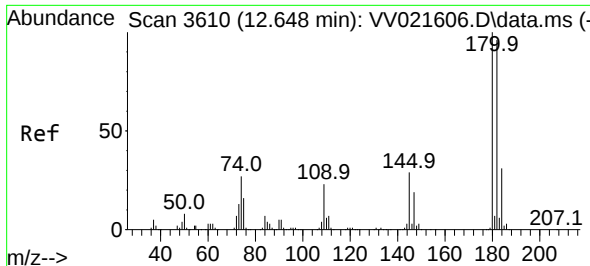
Tgt Ion:146 Resp: 391417
Ion Ratio Lower Upper
146 100
111 39.8 32.6 48.8
148 63.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 46.409 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion: 75 Resp: 64484
Ion Ratio Lower Upper
75 100
155 96.9 75.9 113.9
157 121.3 96.7 145.1

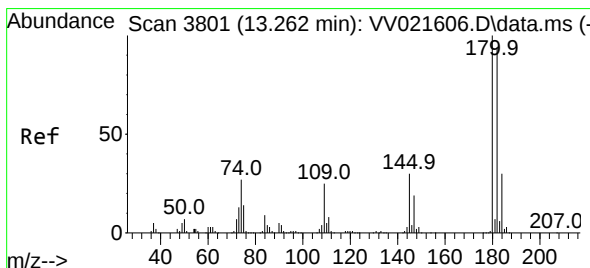
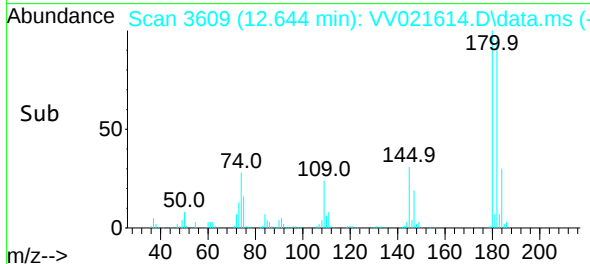
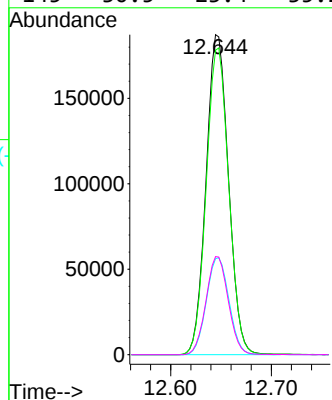
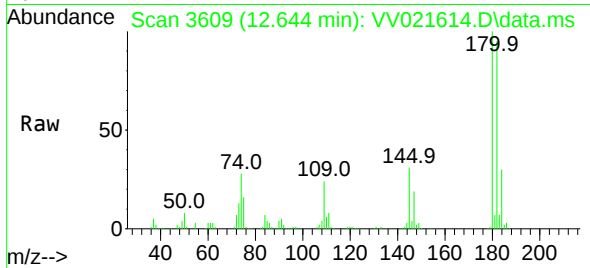




#69
1,3,5-Trichlorobenzene
Concen: 49.834 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

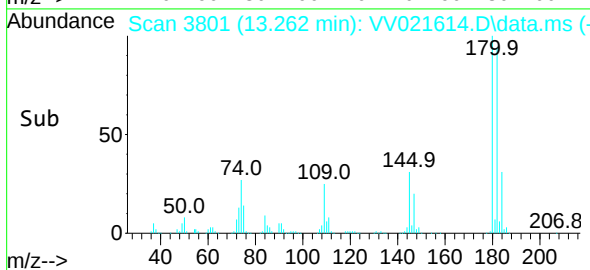
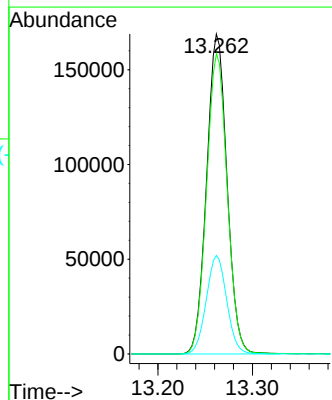
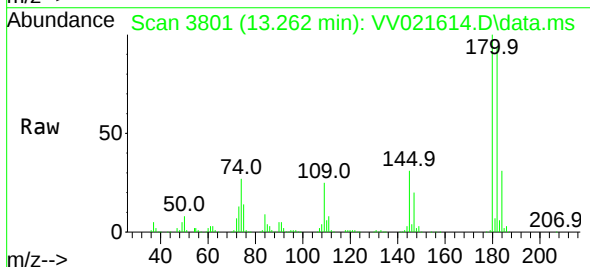
Instrument :
MSVOA_V
ClientSampleId :

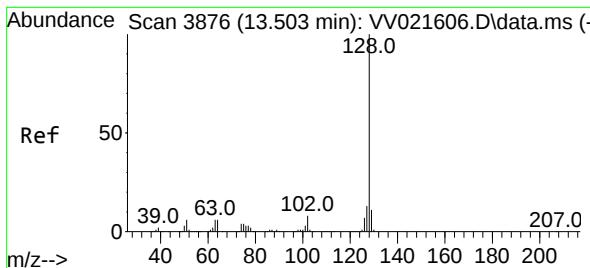
Tgt Ion:	180	Resp:	289605
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.0	112.4
184	30.6	23.8	35.6
145	30.5	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 50.630 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

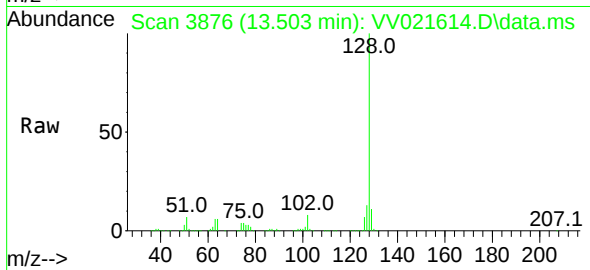
Tgt Ion:	180	Resp:	253043
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.4	113.2
145	30.9	24.1	36.1



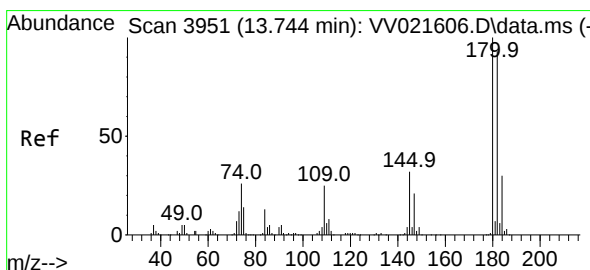
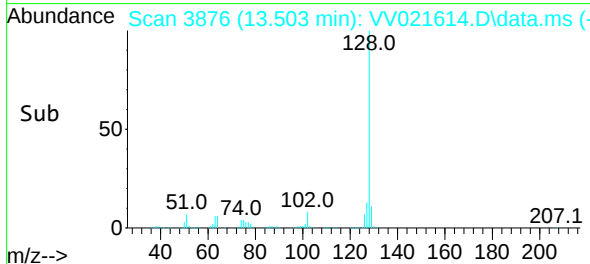
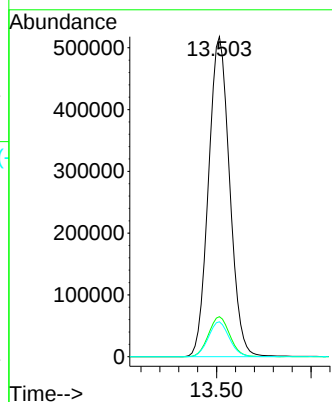


#71
Naphthalene
Concen: 52.780 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 803373
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.498 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021614.D
Acq: 06 Jul 2021 14:54

Tgt Ion:180 Resp: 254209
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 32.4 25.7 38.5

