

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030679.D
 Acq On : 19 Apr 2023 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	226555	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	222352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	130905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	93323	56.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 112.380%	
7) Chloroethane-d5	1.535	69	72658	52.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.420%	
11) 1,1-Dichloroethene-d2	2.066	65	43648	55.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 110.840%	
21) 2-Butanone-d5	3.793	46	103474	113.431	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 113.430%	
24) Chloroform-d	4.259	84	165589	55.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.040%	
26) 1,2-Dichloroethane-d4	4.950	65	110988	57.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.720%	
32) Benzene-d6	4.969	84	300576	57.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.360%	
36) 1,2-Dichloropropane-d6	5.995	67	90500	55.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.840%	
41) Toluene-d8	7.249	98	289201	58.592	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 117.180%	
43) trans-1,3-Dichloroprop...	7.558	79	46683	56.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.440%	
47) 2-Hexanone-d5	8.030	63	70363	109.380	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.380%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	133839	56.484	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.960%	
66) 1,2-Dichlorobenzene-d4	11.567	152	118687	57.042	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.080%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94909	48.725	ug/L	98
3) Chloromethane	1.217	50	115204	45.087	ug/L	99
5) Vinyl chloride	1.288	62	99892	48.491	ug/L	99
6) Bromomethane	1.487	94	42242	51.713	ug/L	100
8) Chloroethane	1.552	64	64418	45.592	ug/L	100
9) Trichlorofluoromethane	1.719	101	173097	51.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	88557	50.470	ug/L	99
12) 1,1-Dichloroethene	2.076	96	81548	51.405	ug/L	99
13) Acetone	2.117	43	112054	79.382	ug/L	99
14) Carbon disulfide	2.246	76	215064	47.998	ug/L	98
15) Methyl Acetate	2.378	43	97519	51.769	ug/L	97
16) Methylene chloride	2.455	84	90140	49.654	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	79668	49.747	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	272247	53.074	ug/L	99
19) 1,1-Dichloroethane	3.121	63	163530	50.083	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	90372	51.876	ug/L	98
22) 2-Butanone	3.873	43	130746	89.630	ug/L	99
23) Bromochloromethane	4.159	128	50101	51.492	ug/L	95
25) Chloroform	4.285	83	174274	51.568	ug/L	99

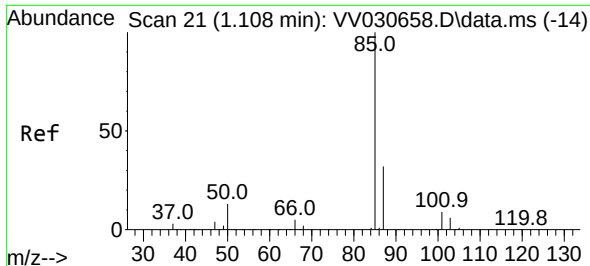
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

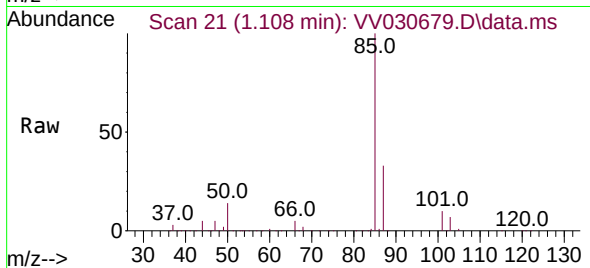
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	149624	52.302	ug/L	99
29) Cyclohexane	4.593	56	138325	51.840	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	160513	51.374	ug/L	100
31) Carbon tetrachloride	4.744	117	142547	51.030	ug/L	99
33) Benzene	5.021	78	357910	53.007	ug/L	100
34) Trichloroethene	5.841	95	90688	51.636	ug/L	97
35) Methylcyclohexane	6.059	83	142214	51.677	ug/L	98
37) 1,2-Dichloropropane	6.101	63	90658	49.884	ug/L	98
38) Bromodichloromethane	6.439	83	130563	51.142	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	134409	49.277	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	271332	106.880	ug/L	99
42) Toluene	7.323	91	387735	53.612	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	141221	52.698	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	94006	51.585	ug/L	99
46) Tetrachloroethene	7.911	164	78824	51.274	ug/L	99
48) 2-Hexanone	8.082	43	214510	102.406	ug/L	97
49) Dibromochloromethane	8.185	129	101467	50.478	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96425	51.066	ug/L	98
51) Chlorobenzene	8.821	112	253947	53.019	ug/L	100
52) Ethylbenzene	8.953	91	425130	53.098	ug/L	100
53) m,p-Xylene	9.082	106	164335	54.339	ug/L	97
54) o-Xylene	9.487	106	161134	54.463	ug/L	98
55) Styrene	9.503	104	290187	55.838	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	150714	50.372	ug/L	99
59) Bromoform	9.673	173	83273	50.809	ug/L	100
60) Isopropylbenzene	9.876	105	435120	53.298	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	115405	49.222	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	359389	53.467	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	356646	53.141	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	216432	52.952	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	224480	52.083	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	223299	54.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	33285	47.917	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	156117	50.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	137637	52.502	ug/L	100
71) Naphthalene	13.448	128	355125	49.520	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	138588	53.313	ug/L	99

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

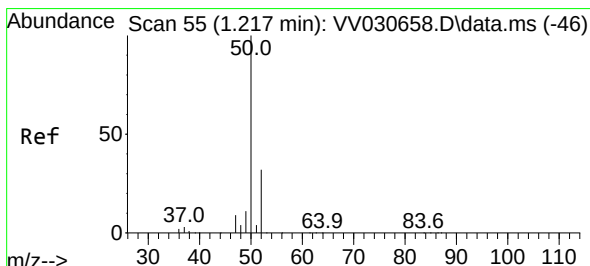
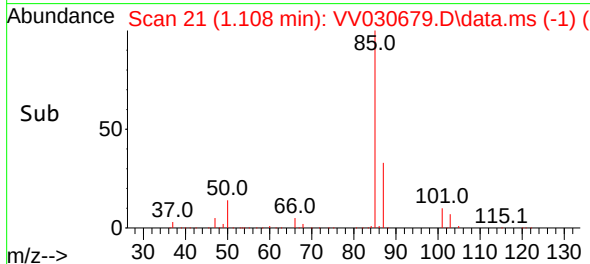
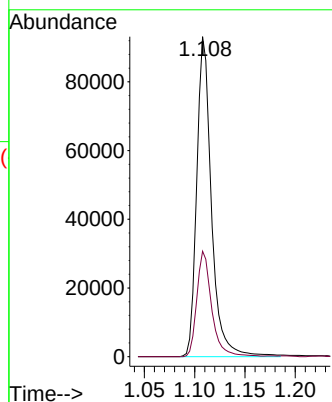


#2
 Dichlorodifluoromethane
 Concen: 48.725 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52

Instrument :
 MSVOA_V
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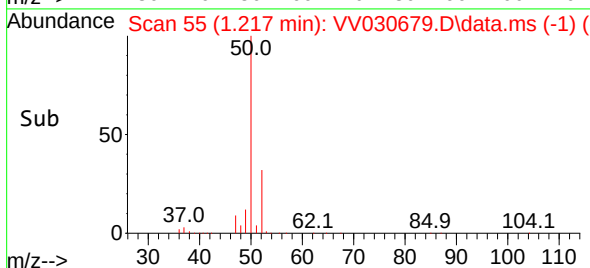
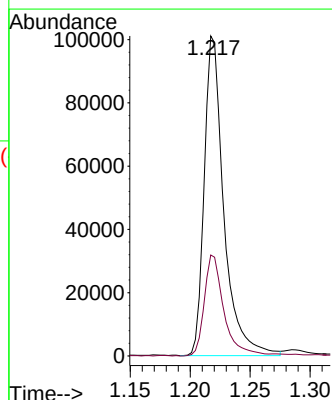
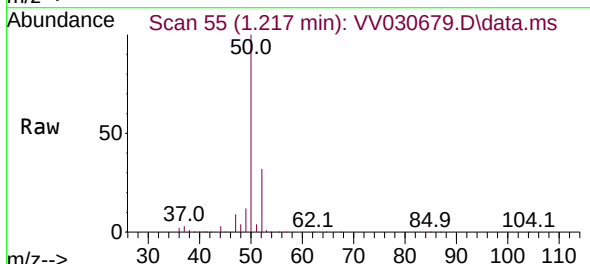


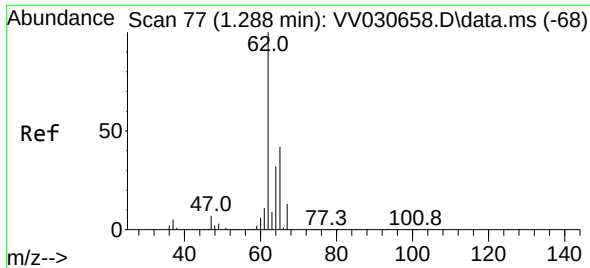
Tgt Ion: 85 Resp: 94909
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.6 38.4



#3
 Chloromethane
 Concen: 45.087 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52

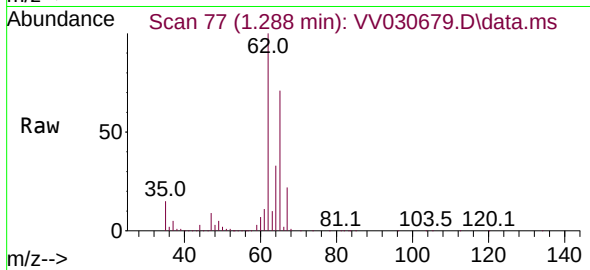
Tgt Ion: 50 Resp: 115204
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.5 41.9



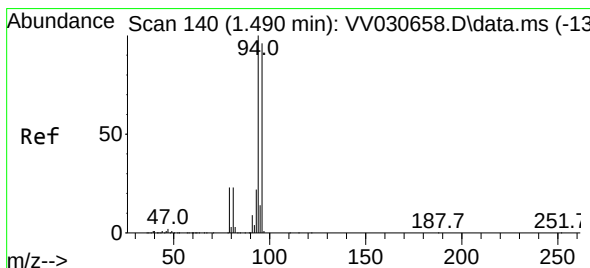
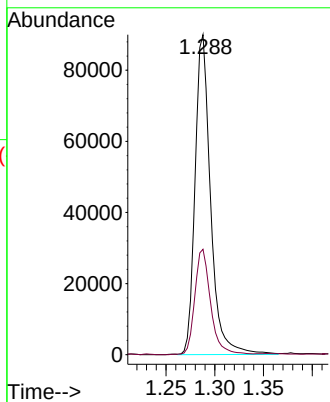
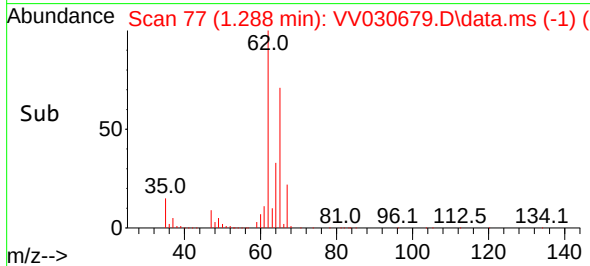


#5
 Vinyl chloride
 Concen: 48.491 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52

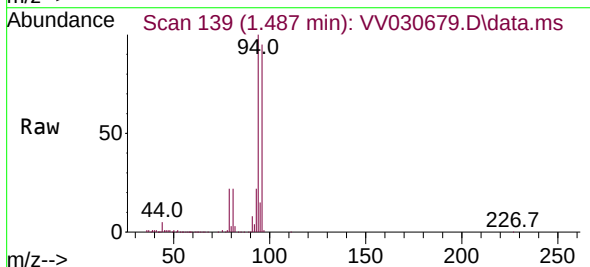
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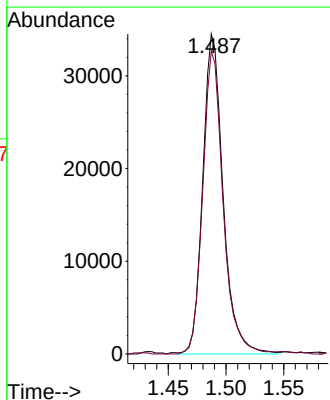
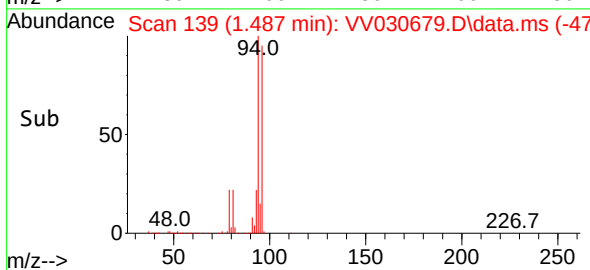
Tgt Ion: 62 Resp: 99892
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4

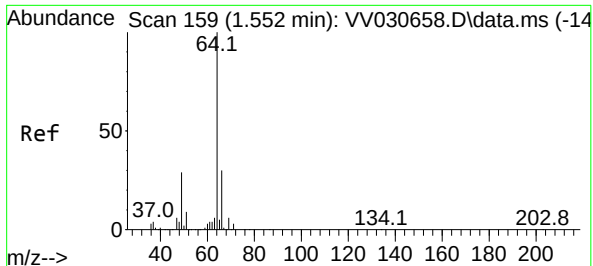


#6
 Bromomethane
 Concen: 51.713 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52



Tgt Ion: 94 Resp: 42242
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

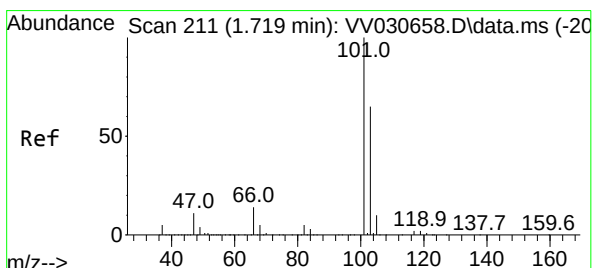
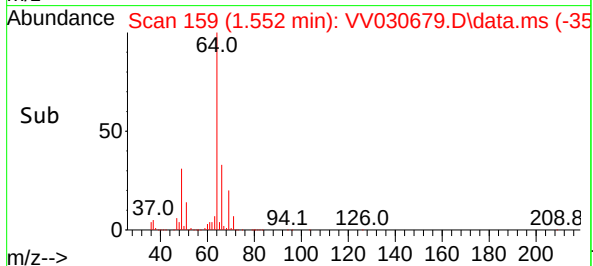
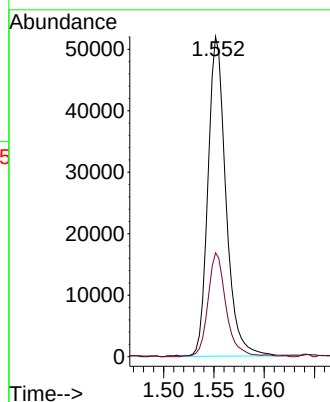
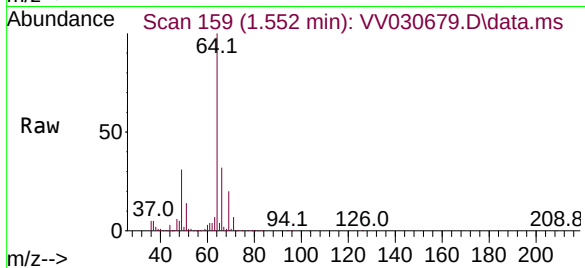




#8
Chloroethane
Concen: 45.592 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

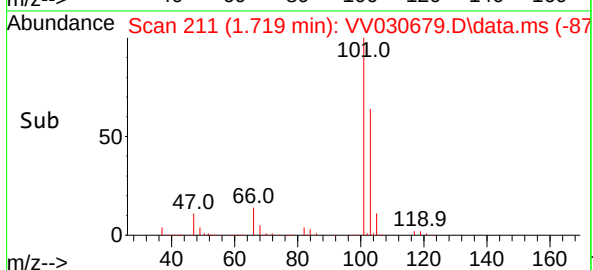
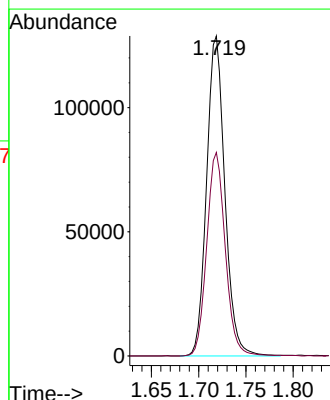
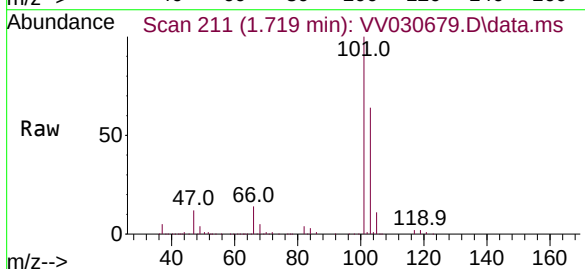
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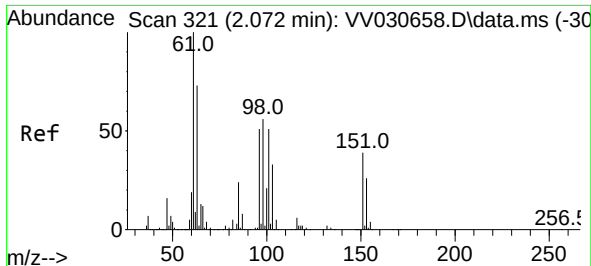
Tgt Ion: 64 Resp: 64418
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 51.845 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion:101 Resp: 173097
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

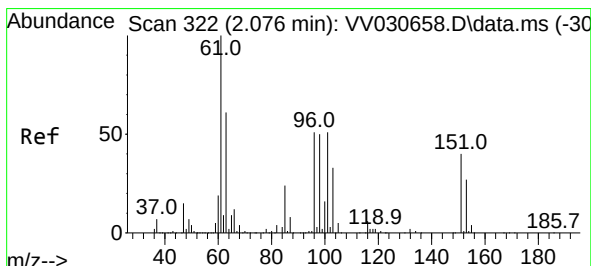
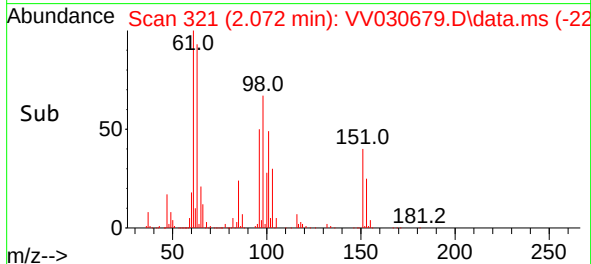
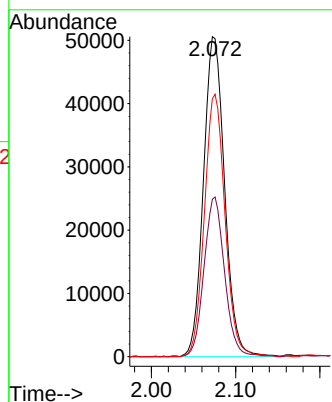
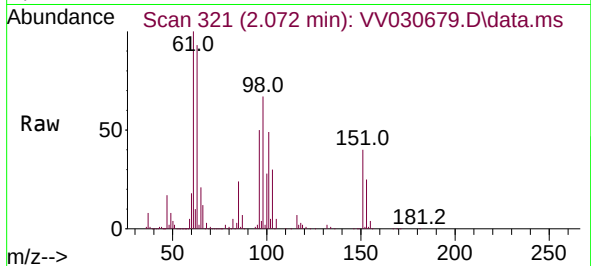




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.470 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52

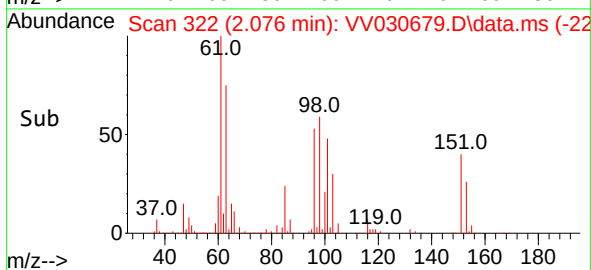
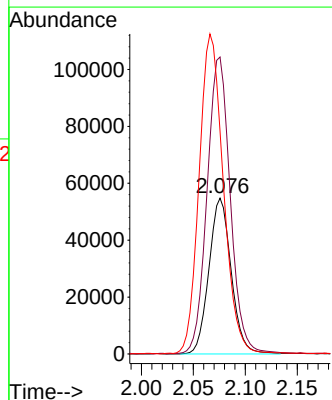
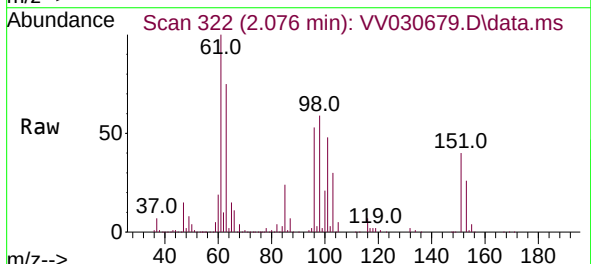
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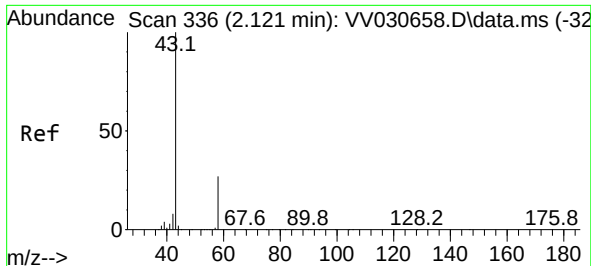
Tgt Ion:101 Resp: 88557
 Ion Ratio Lower Upper
 101 100
 85 48.4 37.5 56.3
 151 80.0 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 51.405 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030679.D
 Acq: 19 Apr 2023 20:52

Tgt Ion: 96 Resp: 81548
 Ion Ratio Lower Upper
 96 100
 61 190.4 131.9 245.0
 63 142.8 99.8 185.3





#13

Acetone

Concen: 79.382 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

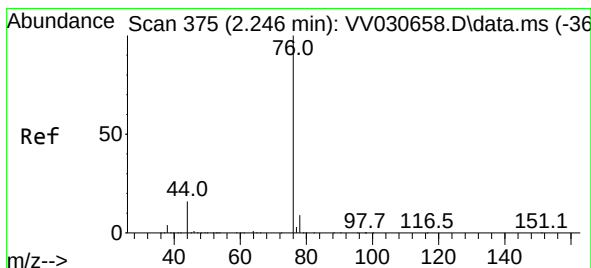
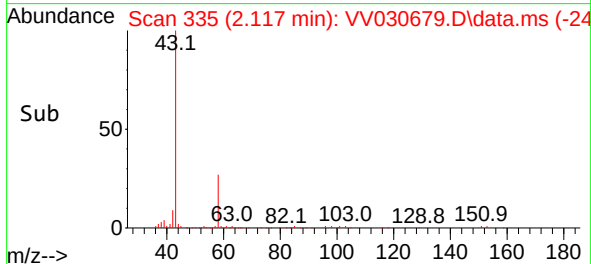
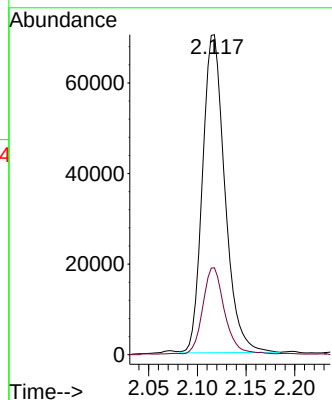
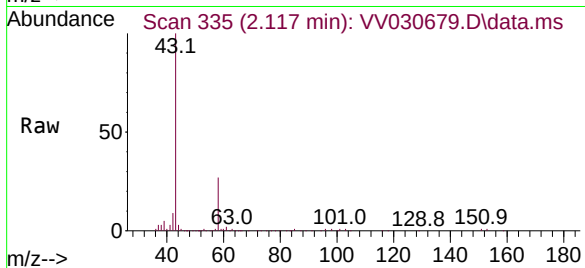
ClientSampleId :

Tgt Ion: 43 Resp: 112054

Ion Ratio Lower Upper

43 100

58 26.0 0.0 52.8



#14

Carbon disulfide

Concen: 47.998 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030679.D

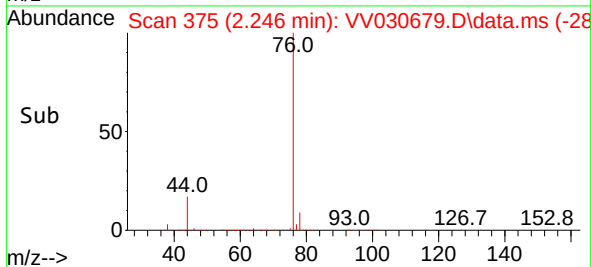
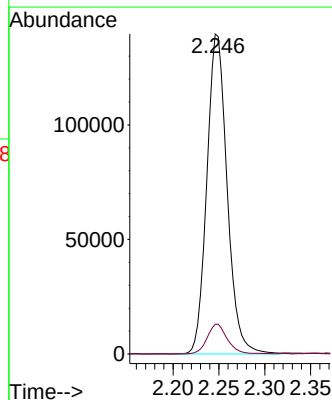
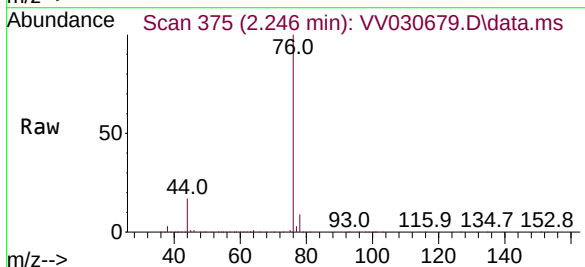
Acq: 19 Apr 2023 20:52

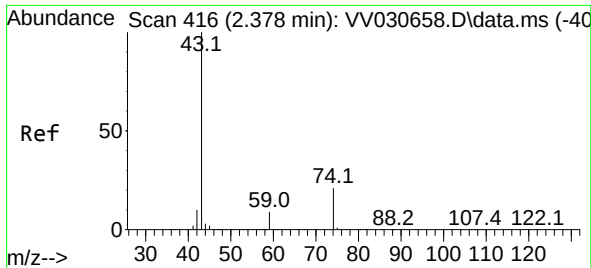
Tgt Ion: 76 Resp: 215064

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

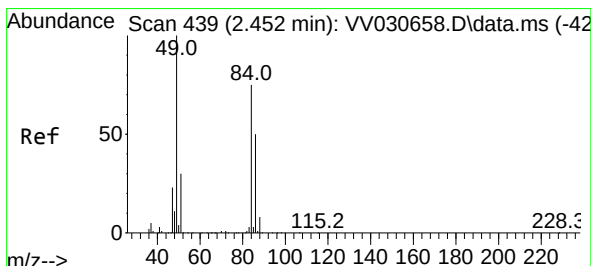
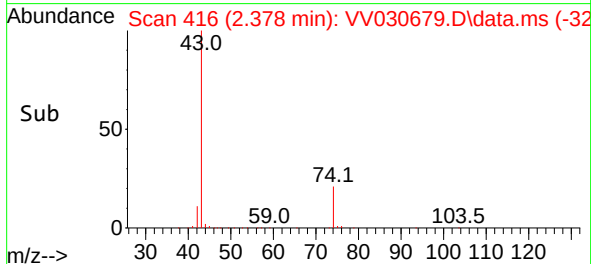
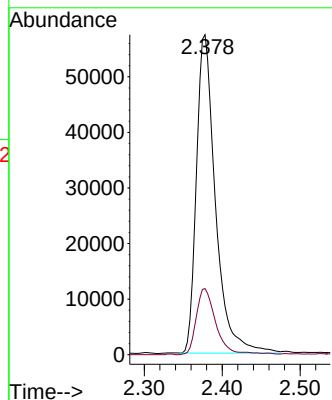
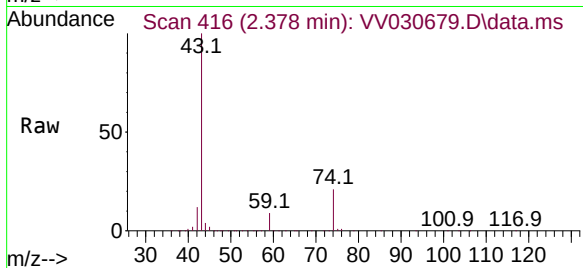




#15
Methyl Acetate
Concen: 51.769 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

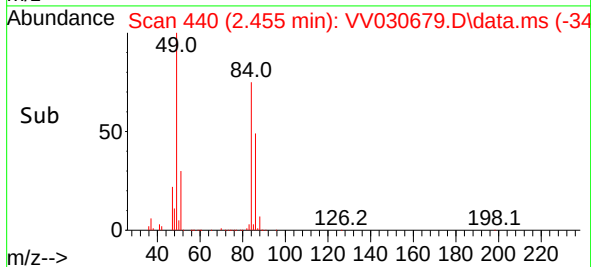
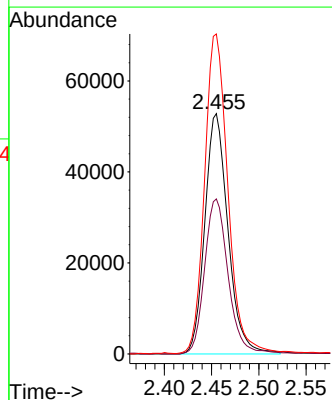
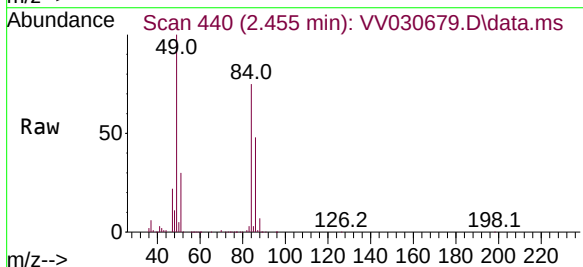
Instrument :
MSVOA_V
ClientSampleId :

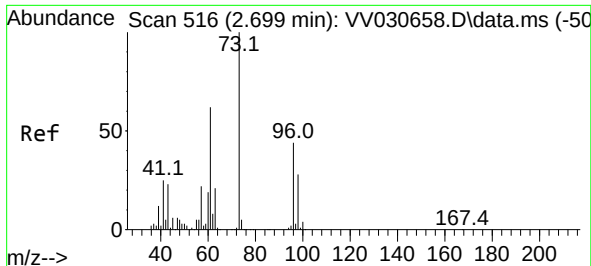
Tgt Ion: 43 Resp: 97519
Ion Ratio Lower Upper
43 100
74 20.7 17.7 26.5



#16
Methylene chloride
Concen: 49.654 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 84 Resp: 90140
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.2
49 133.1 90.4 168.0

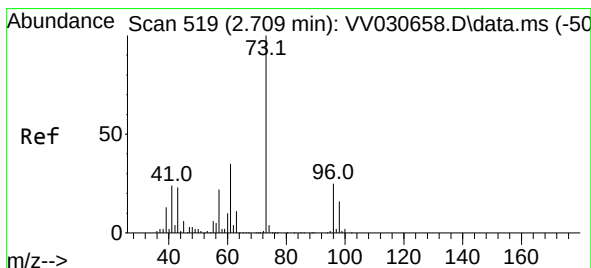
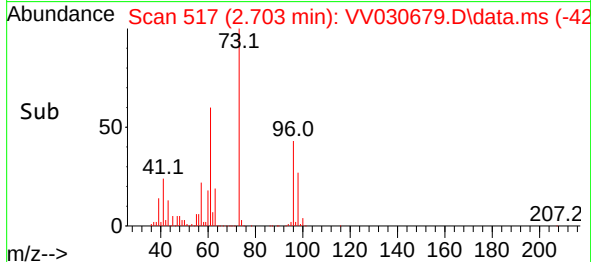
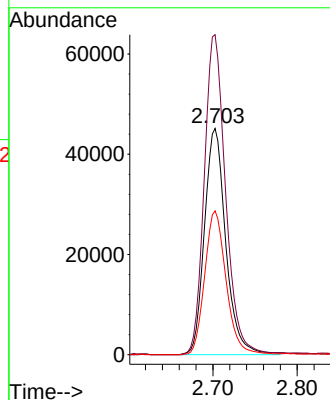
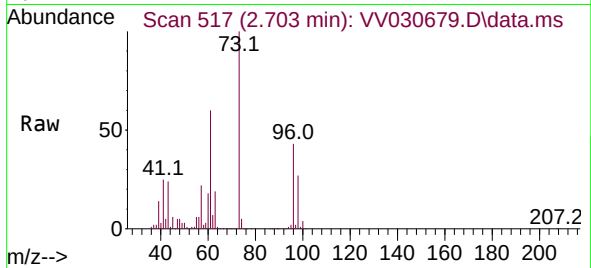




#17
trans-1,2-Dichloroethene
Concen: 49.747 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

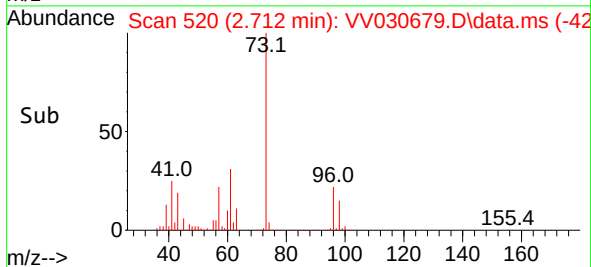
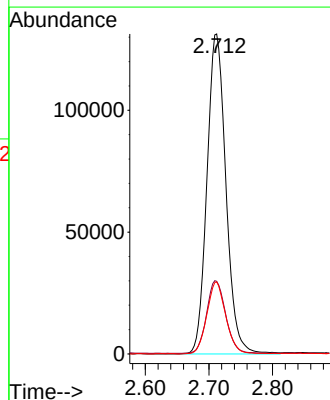
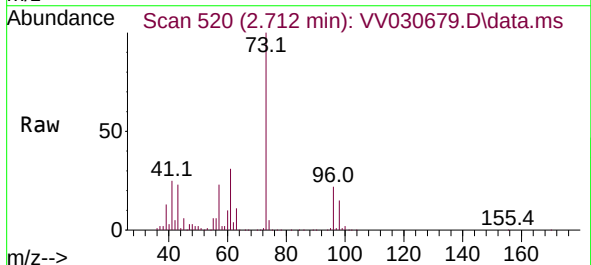
Instrument :
MSVOA_V
ClientSampleId :

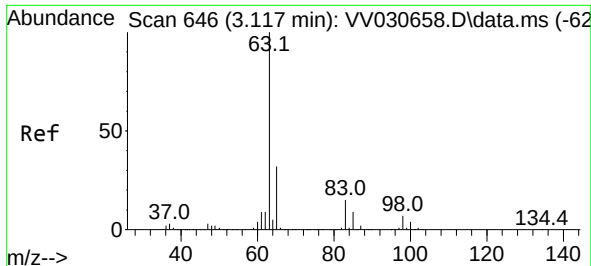
Tgt Ion: 96 Resp: 79668
Ion Ratio Lower Upper
96 100
61 141.4 101.0 187.6
98 63.5 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 53.074 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 73 Resp: 272247
Ion Ratio Lower Upper
73 100
43 22.8 17.6 26.4
57 22.5 18.2 27.2





#19

1,1-Dichloroethane

Concen: 50.083 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

ClientSampleId :

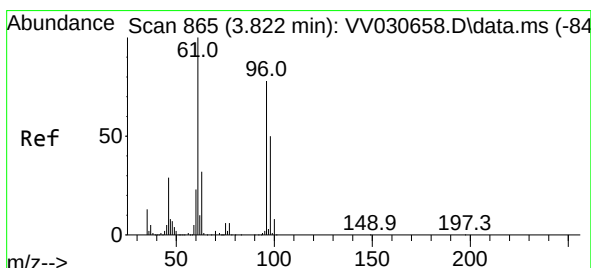
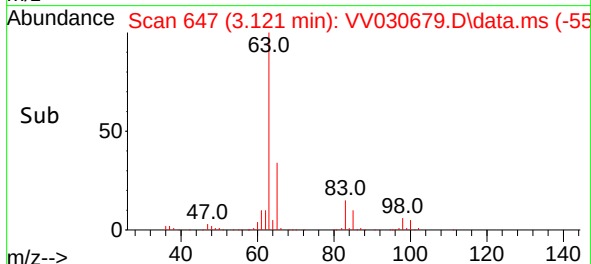
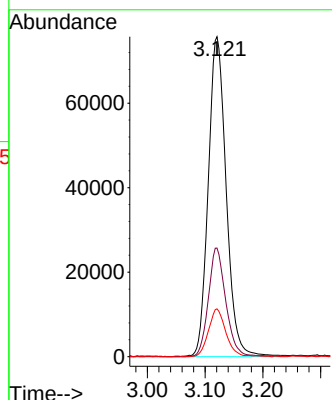
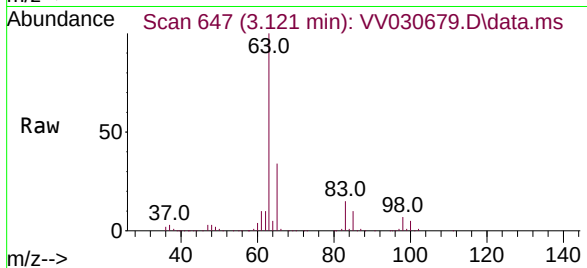
Tgt Ion: 63 Resp: 163530

Ion Ratio Lower Upper

63 100

65 34.0 21.8 40.6

83 14.9 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 51.876 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

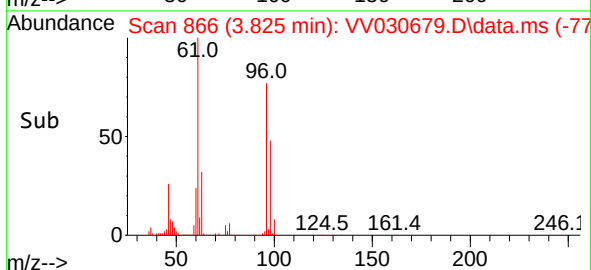
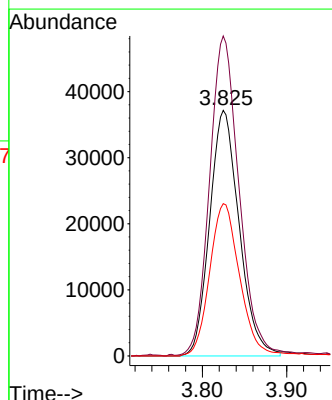
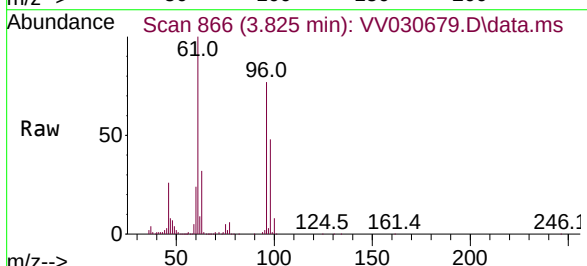
Tgt Ion: 96 Resp: 90372

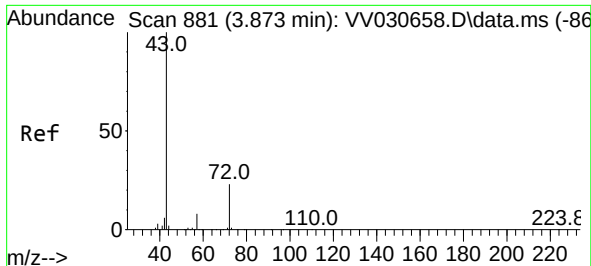
Ion Ratio Lower Upper

96 100

61 130.3 92.3 171.3

98 62.0 45.9 85.3

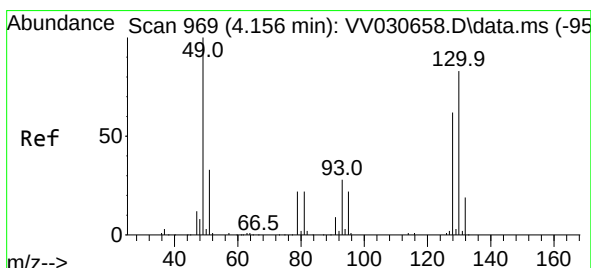
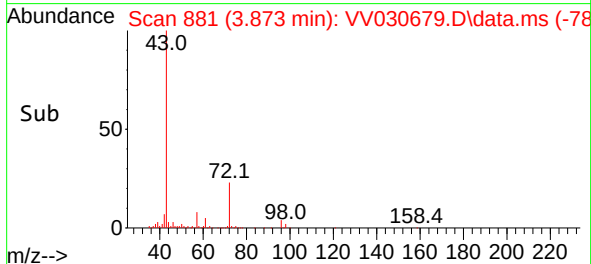
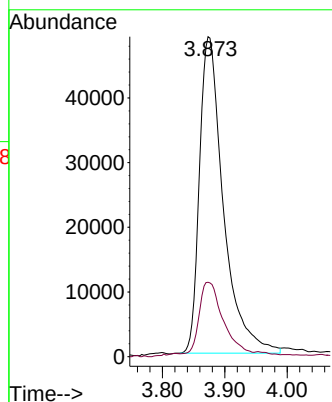
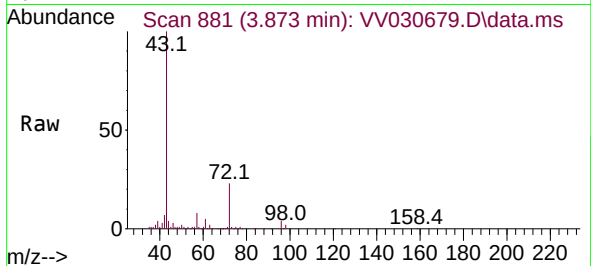




#22
2-Butanone
Concen: 89.630 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

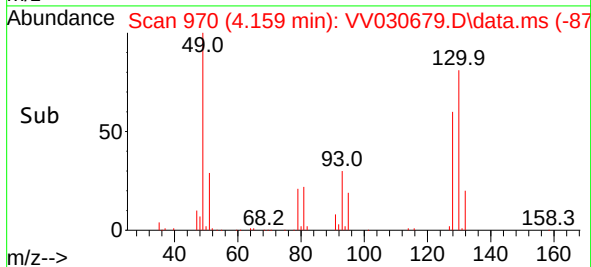
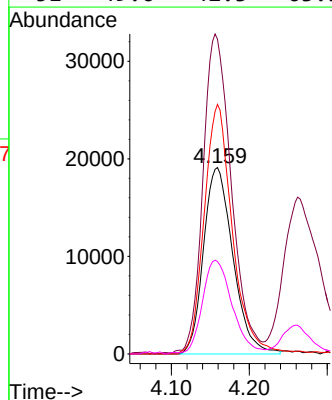
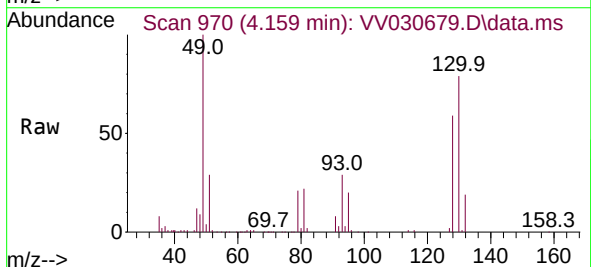
Instrument :
MSVOA_V
ClientSampleId :

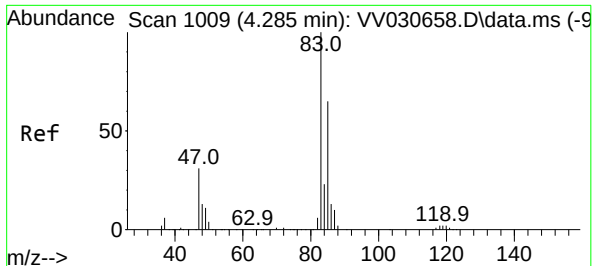
Tgt Ion: 43 Resp: 130746
Ion Ratio Lower Upper
43 100
72 22.3 11.5 34.4



#23
Bromochloromethane
Concen: 51.492 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 128 Resp: 50101
Ion Ratio Lower Upper
128 100
49 168.8 114.7 213.1
130 134.0 89.0 165.2
51 49.6 42.3 63.5

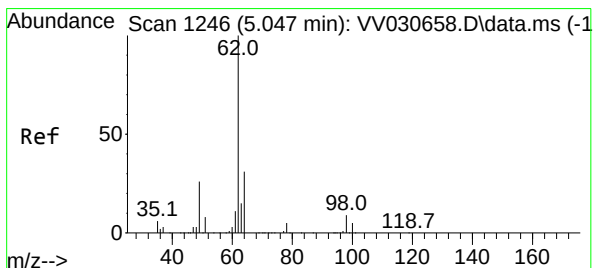
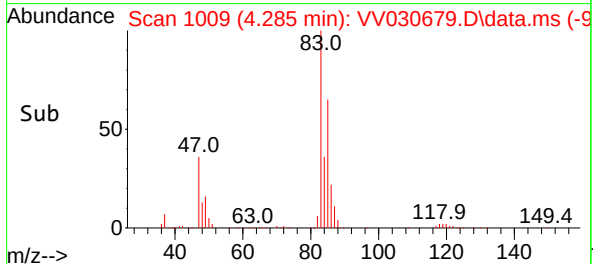
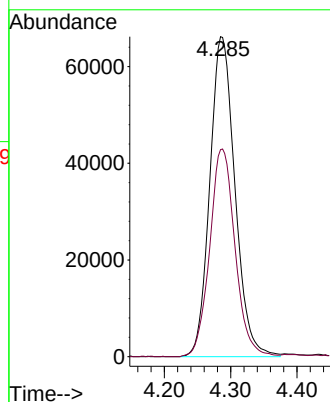
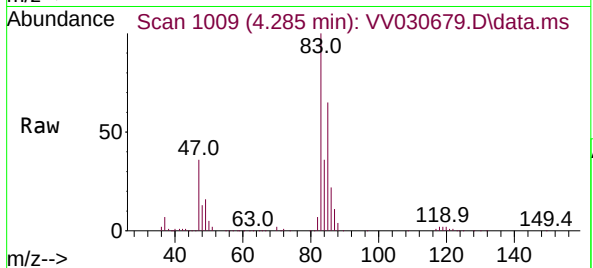




#25
Chloroform
Concen: 51.568 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

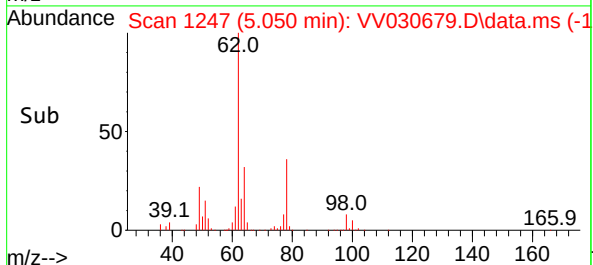
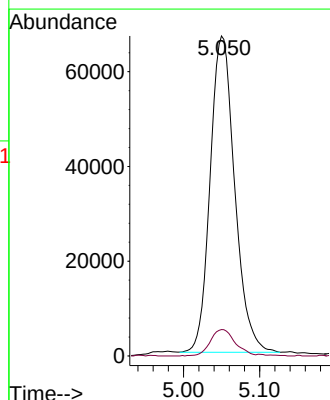
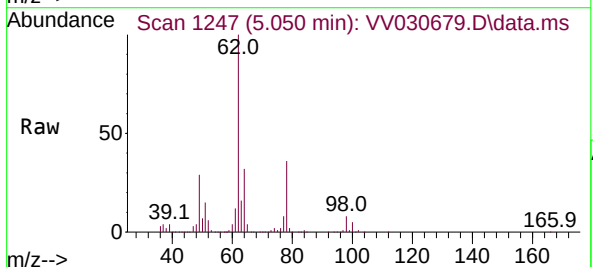
Instrument :
MSVOA_V
ClientSampleId :

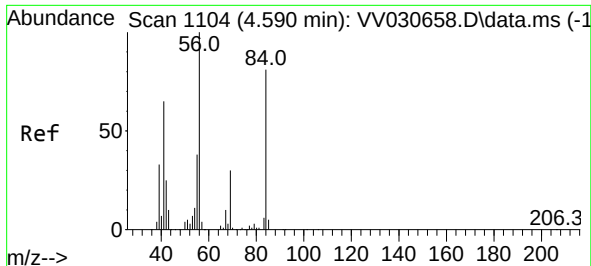
Tgt Ion: 83 Resp: 174274
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 52.302 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 62 Resp: 149624
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#29

Cyclohexane

Concen: 51.840 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

ClientSampleId :

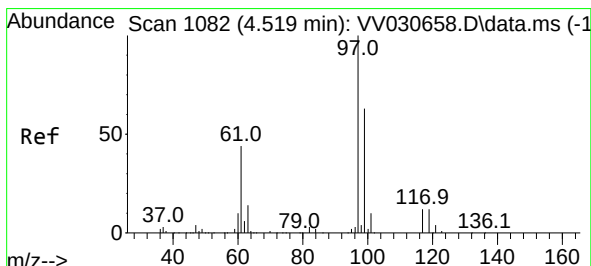
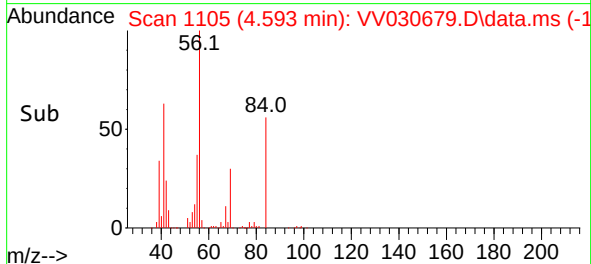
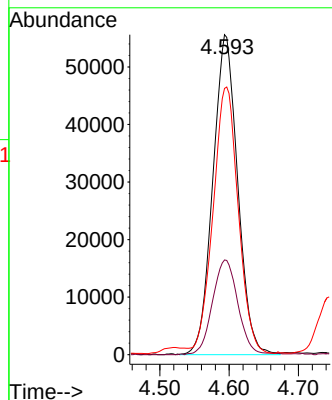
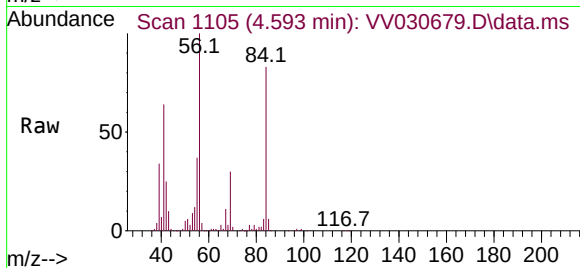
Tgt Ion: 56 Resp: 138325

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 84.4 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 51.374 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

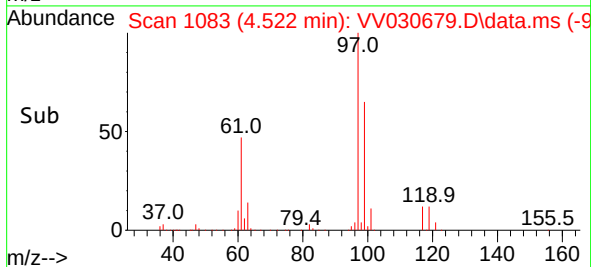
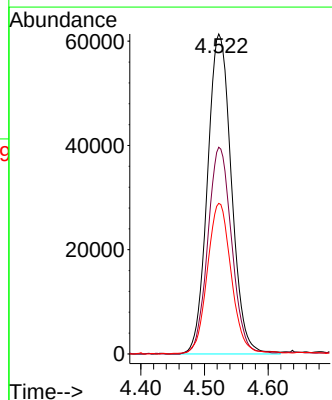
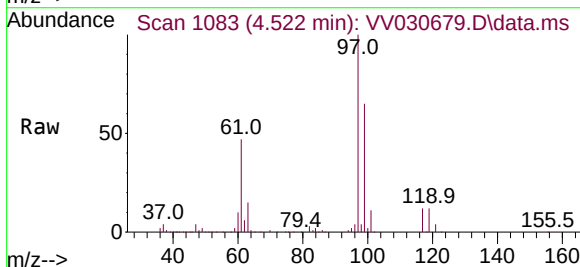
Tgt Ion: 97 Resp: 160513

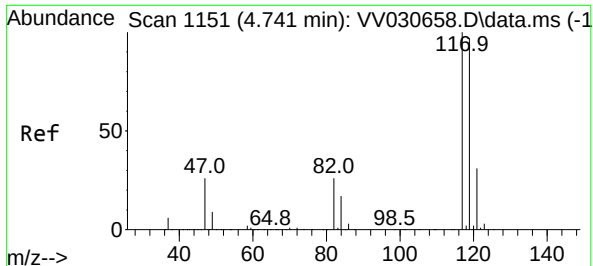
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 46.3 37.0 55.6

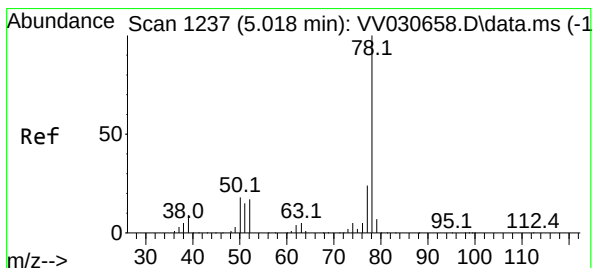
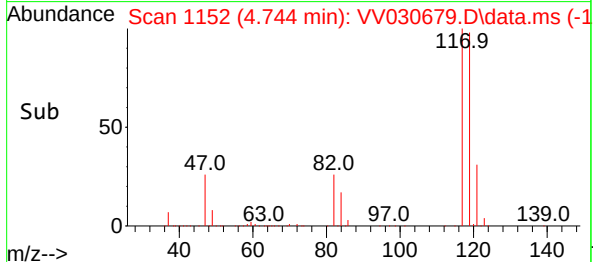
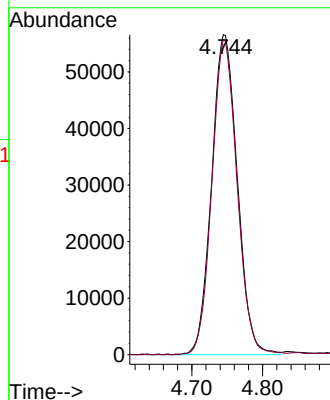
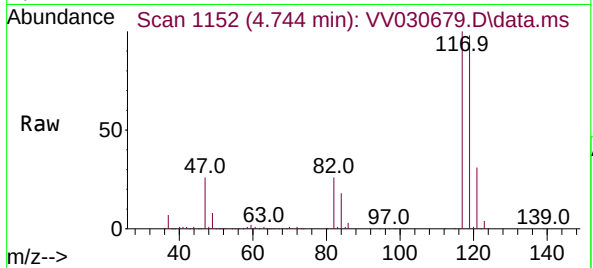




#31
Carbon tetrachloride
Concen: 51.030 ug/L
RT: 4.744 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

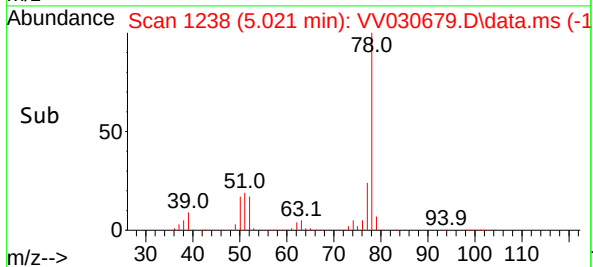
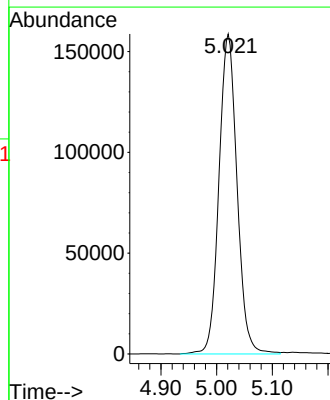
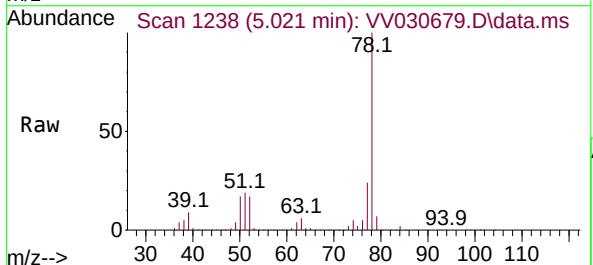
Instrument :
MSVOA_V
ClientSampleId :

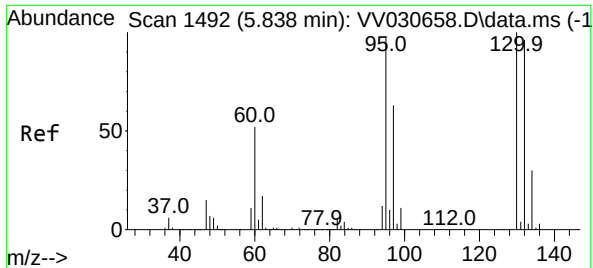
Tgt Ion:117 Resp: 142547
Ion Ratio Lower Upper
117 100
119 95.6 75.9 113.9



#33
Benzene
Concen: 53.007 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 78 Resp: 357910

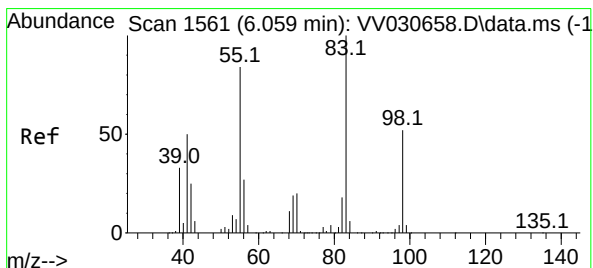
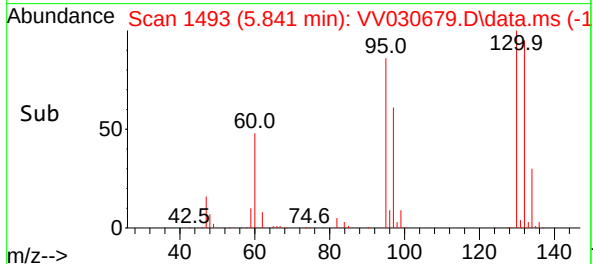
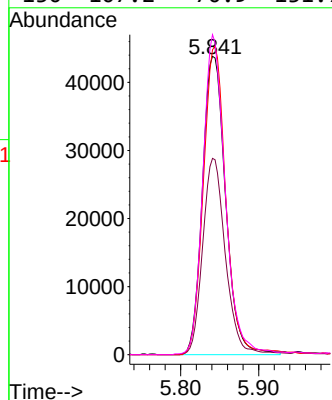
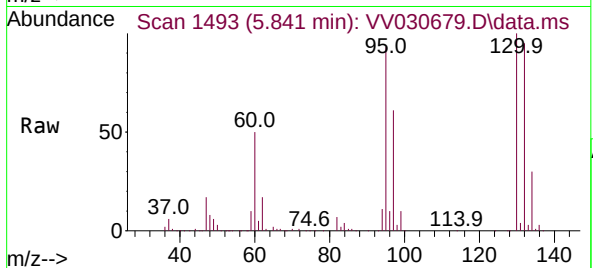




#34
Trichloroethene
Concen: 51.636 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

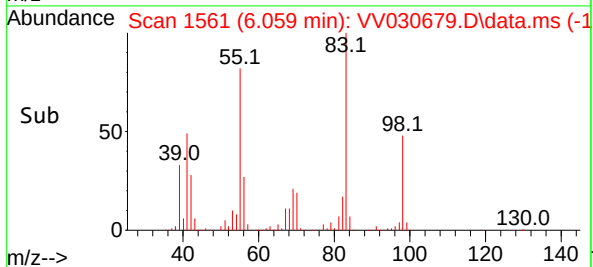
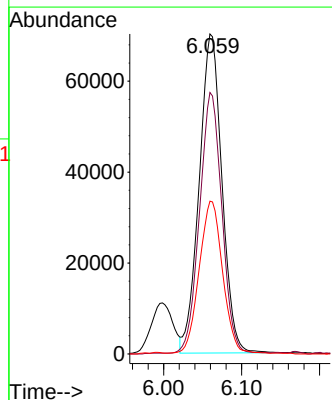
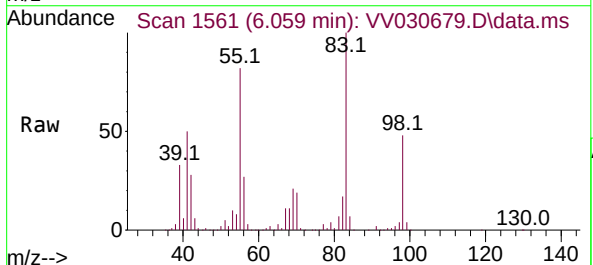
Instrument :
MSVOA_V
ClientSampleId :

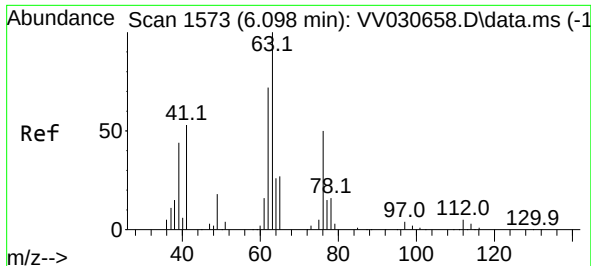
Tgt Ion: 95 Resp: 90688
Ion Ratio Lower Upper
95 100
97 65.8 45.8 85.2
132 102.2 70.6 131.2
130 107.2 70.9 131.7



#35
Methylcyclohexane
Concen: 51.677 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 83 Resp: 142214
Ion Ratio Lower Upper
83 100
55 80.1 65.5 98.3
98 49.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 49.884 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

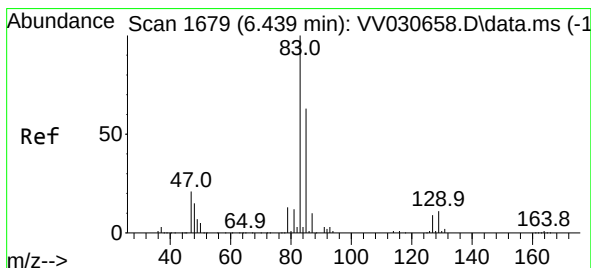
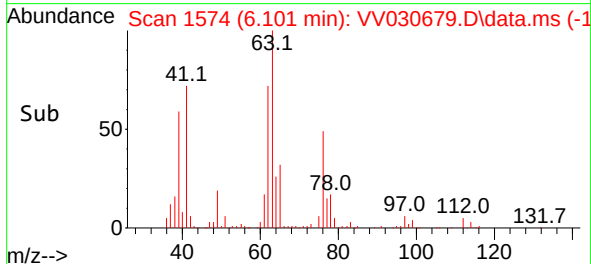
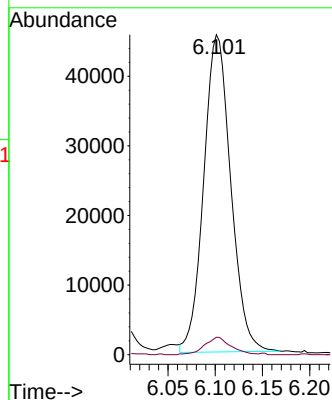
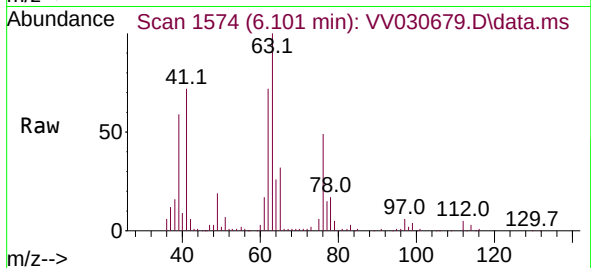
ClientSampleId :

Tgt Ion: 63 Resp: 90658

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 51.142 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

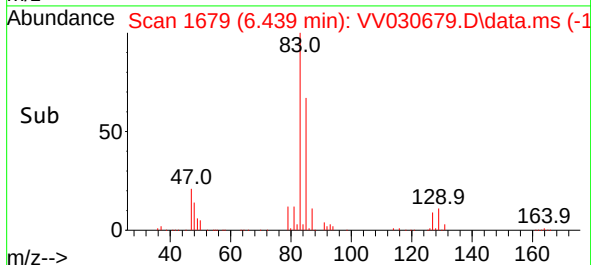
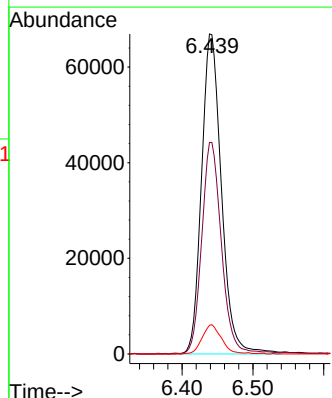
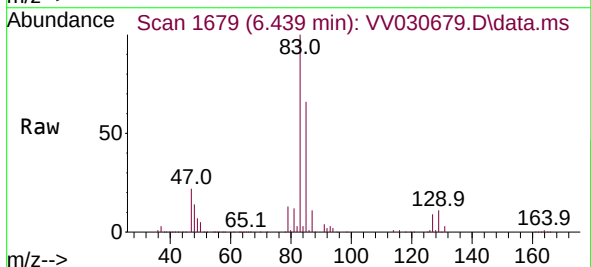
Tgt Ion: 83 Resp: 130563

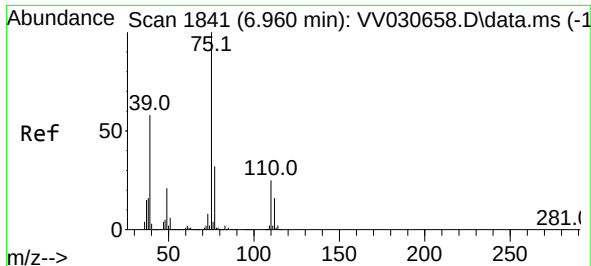
Ion Ratio Lower Upper

83 100

85 66.1 45.4 84.4

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 49.277 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

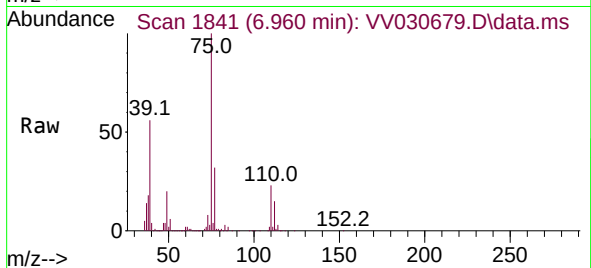
Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

ClientSampleId :

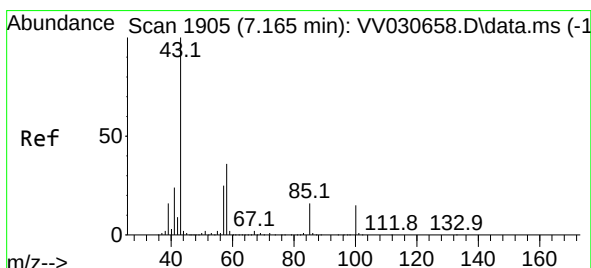
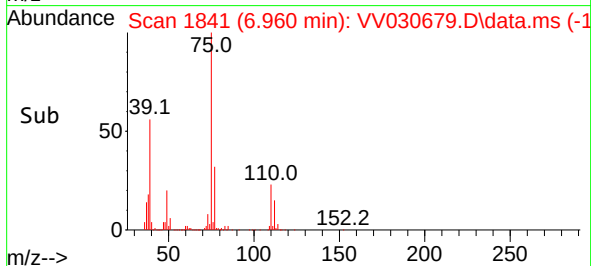
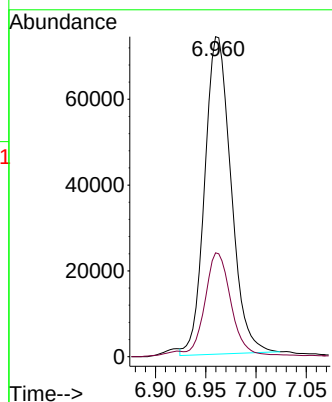


Tgt Ion: 75 Resp: 134409

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 106.880 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

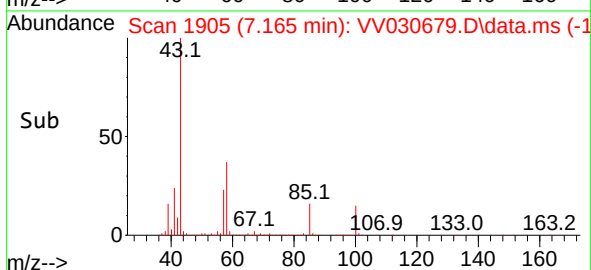
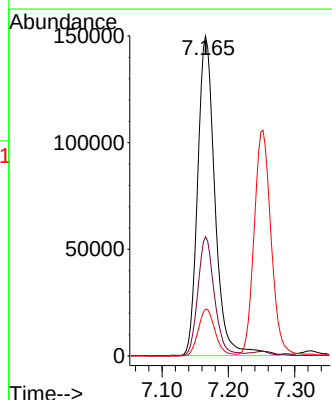
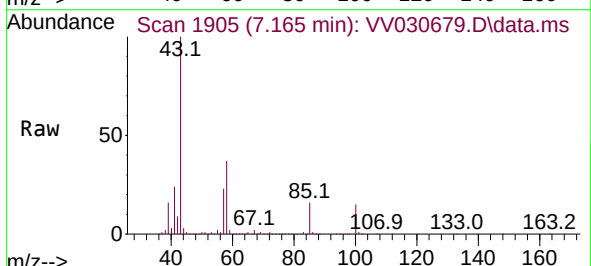
Tgt Ion: 43 Resp: 271332

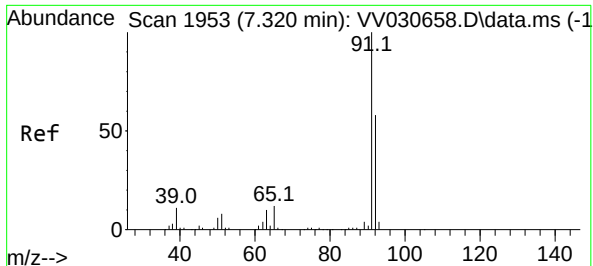
Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8

100 14.4 11.3 16.9

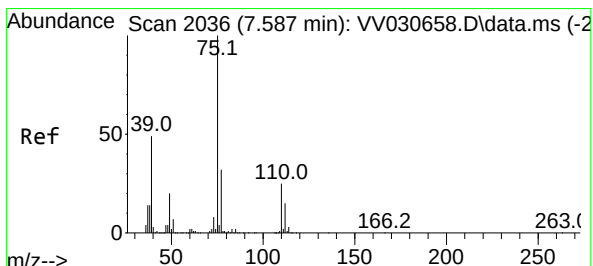
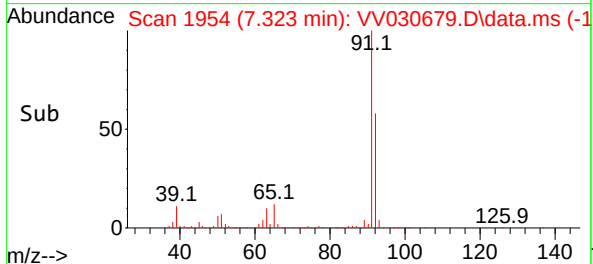
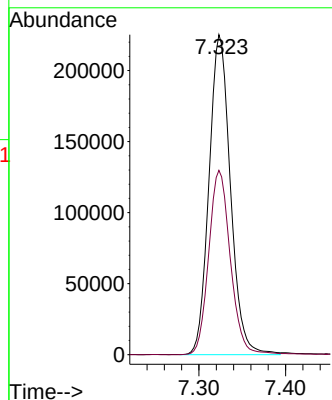
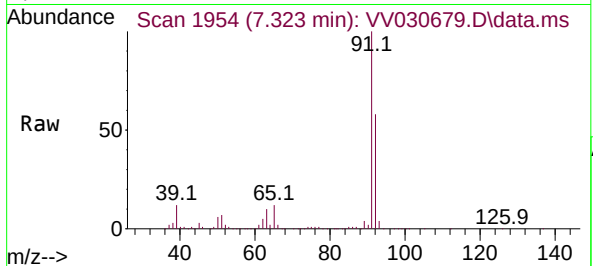




#42
Toluene
Concen: 53.612 ug/L
RT: 7.323 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

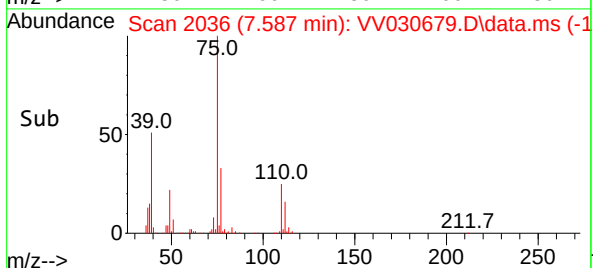
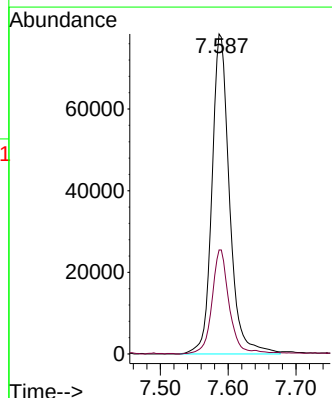
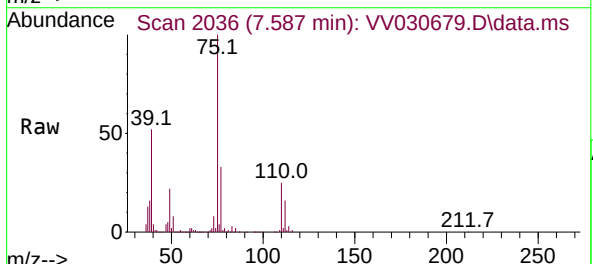
Instrument :
MSVOA_V
ClientSampleId :

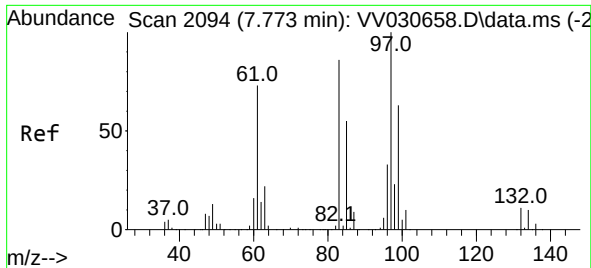
Tgt Ion: 91 Resp: 387735
Ion Ratio Lower Upper
91 100
92 57.6 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 52.698 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 75 Resp: 141221
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1

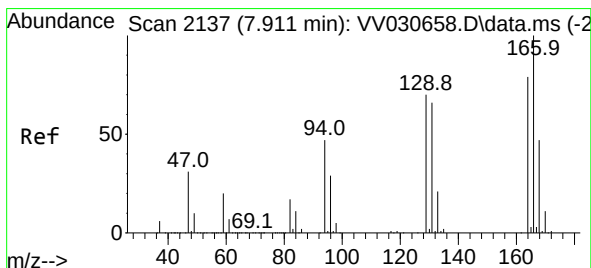
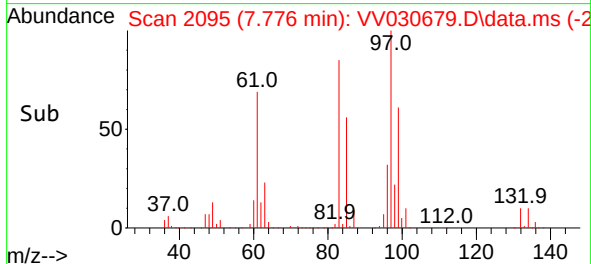
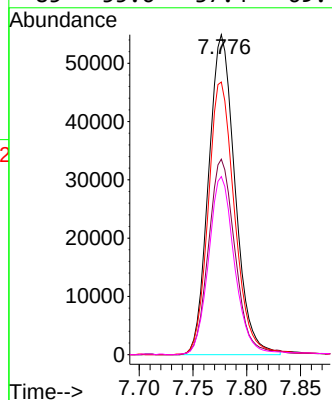
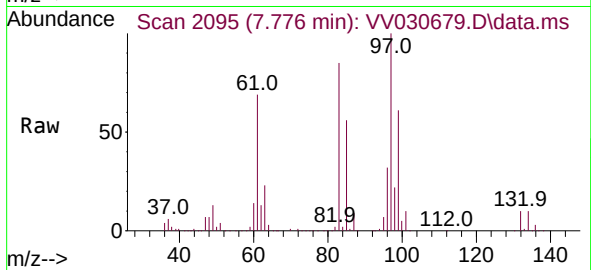




#45
1,1,2-Trichloroethane
Concen: 51.585 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

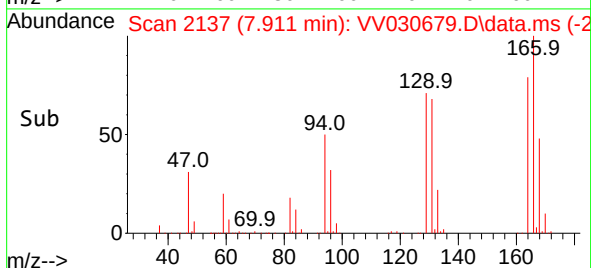
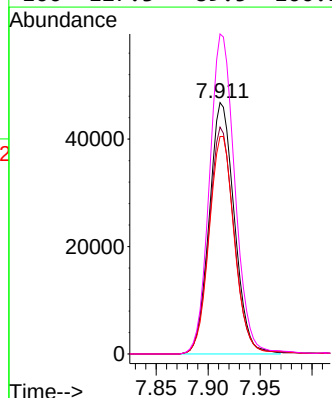
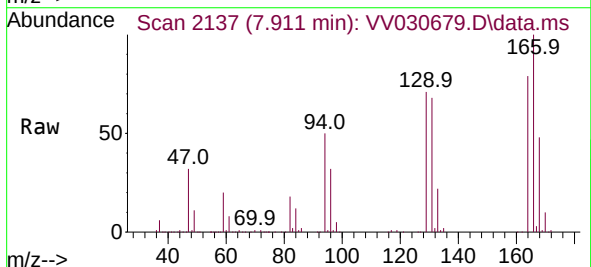
Instrument :
MSVOA_V
ClientSampleId :

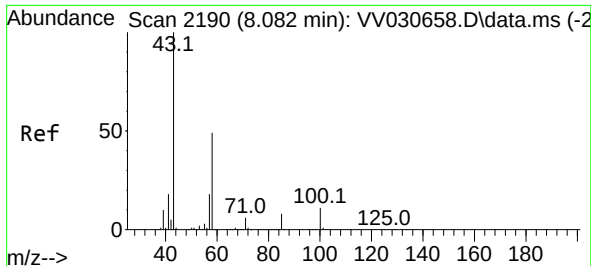
Tgt Ion:	97	Resp:	94006
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.8	81.4
83	85.2	59.6	110.6
85	55.6	37.4	69.4



#46
Tetrachloroethene
Concen: 51.274 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

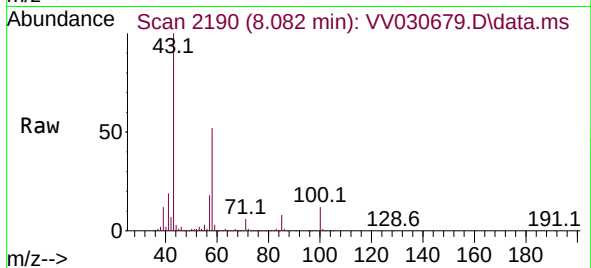
Tgt Ion:	164	Resp:	78824
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.8	118.6
131	86.5	60.3	111.9
166	127.3	89.5	166.1



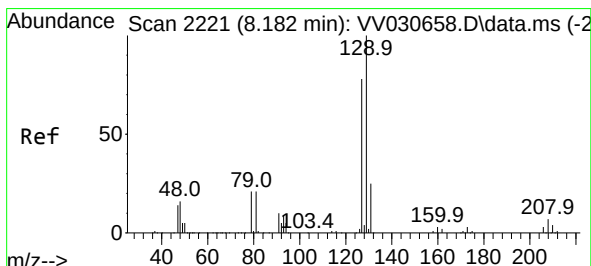
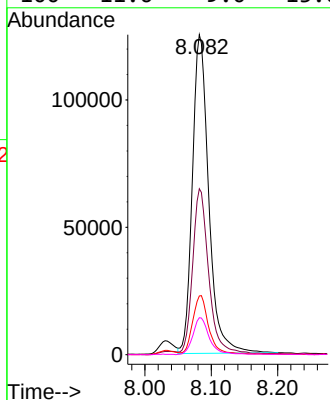
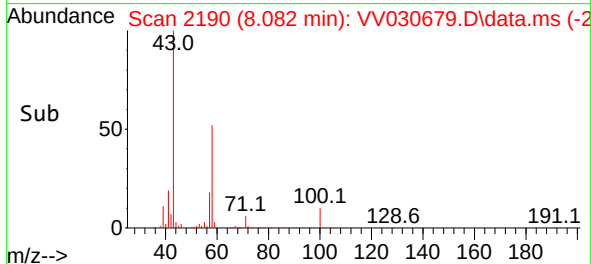


#48
2-Hexanone
Concen: 102.406 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Instrument :
MSVOA_V
ClientSampleId :

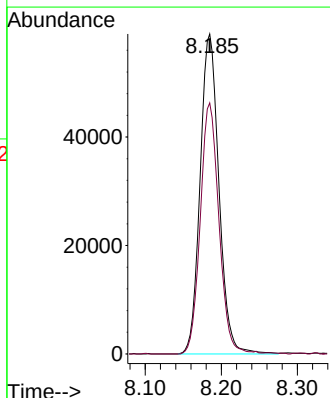
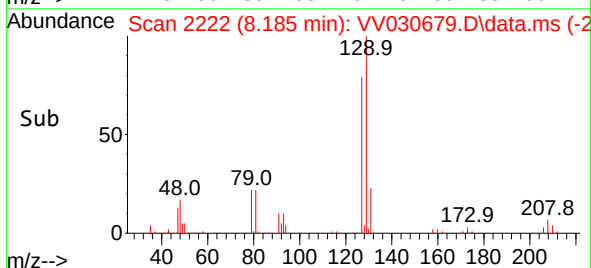
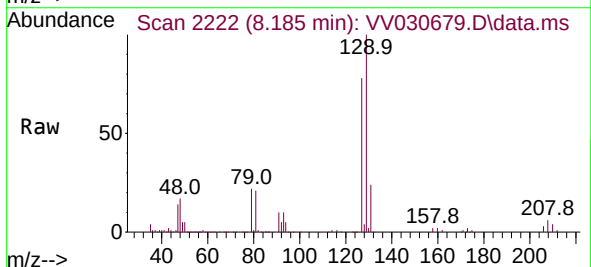


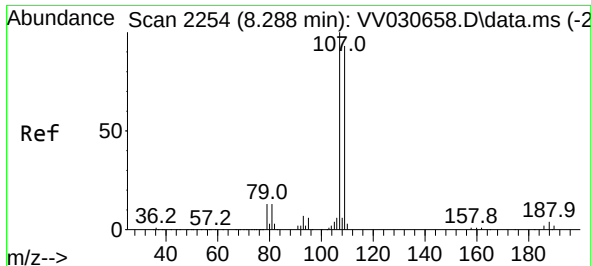
Tgt Ion: 43 Resp: 214510
Ion Ratio Lower Upper
43 100
58 49.0 41.4 62.0
57 17.3 14.9 22.3
100 11.6 9.0 13.6



#49
Dibromochloromethane
Concen: 50.478 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion: 129 Resp: 101467
Ion Ratio Lower Upper
129 100
127 78.4 52.8 98.2

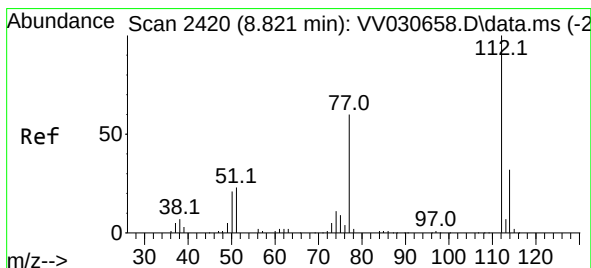
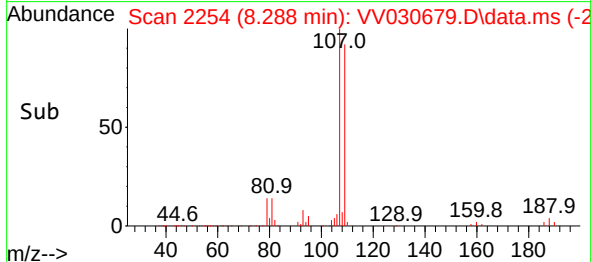
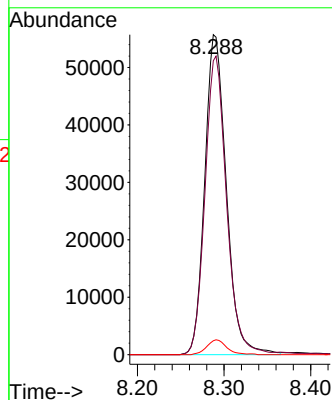
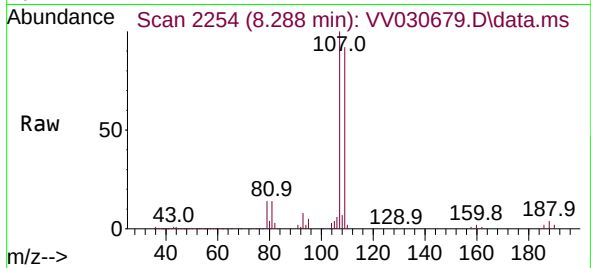




#50
1,2-Dibromoethane
Concen: 51.066 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

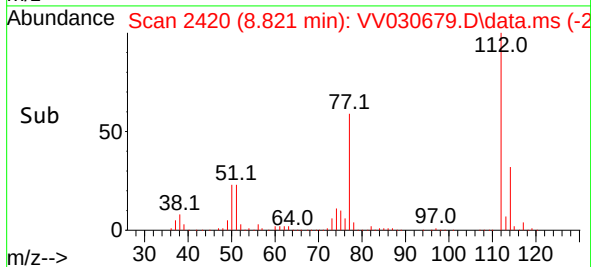
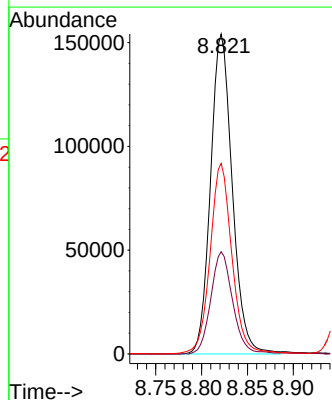
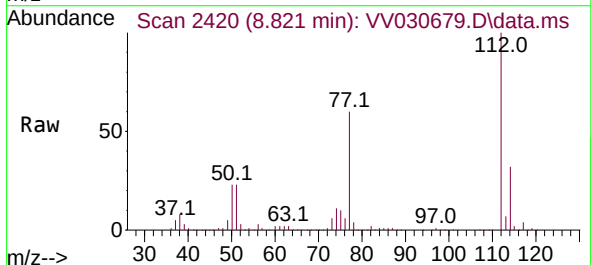
Instrument :
MSVOA_V
ClientSampleId :

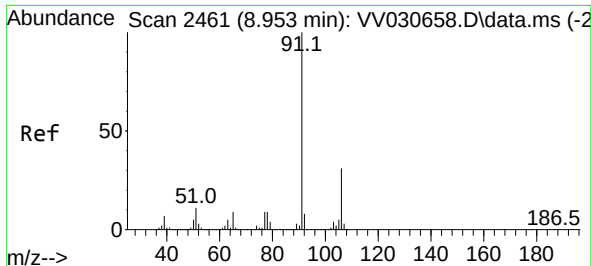
Tgt Ion:107 Resp: 96425
Ion Ratio Lower Upper
107 100
109 91.8 65.7 121.9
188 4.4 3.2 4.8



#51
Chlorobenzene
Concen: 53.019 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion:112 Resp: 253947
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 59.6 47.4 71.0

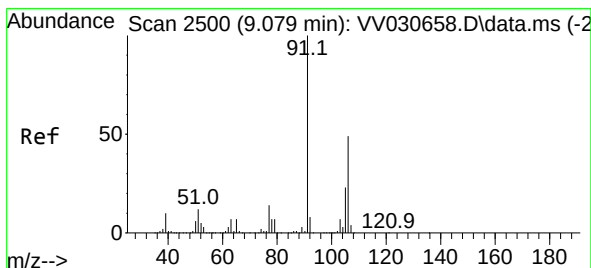
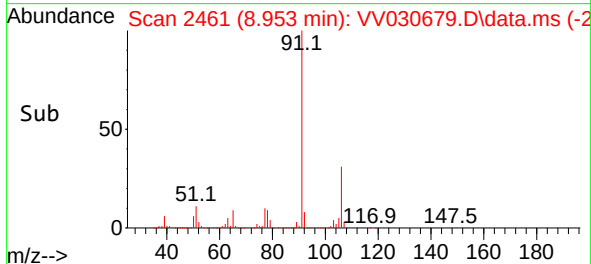
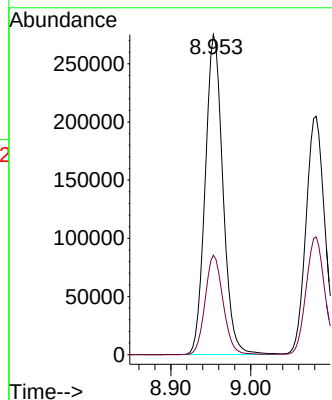
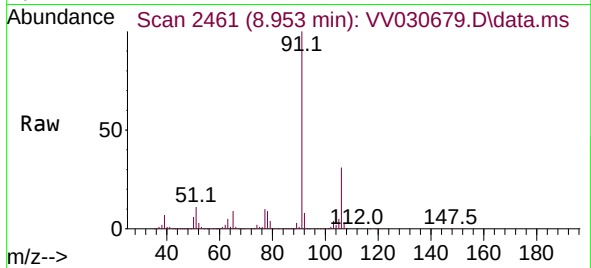




#52
Ethylbenzene
Concen: 53.098 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

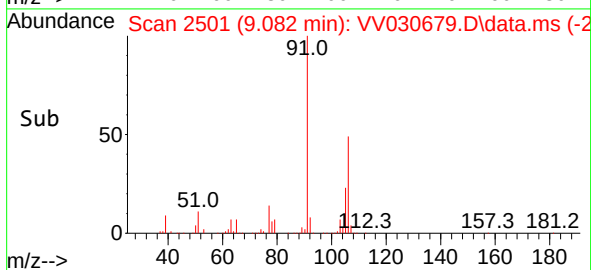
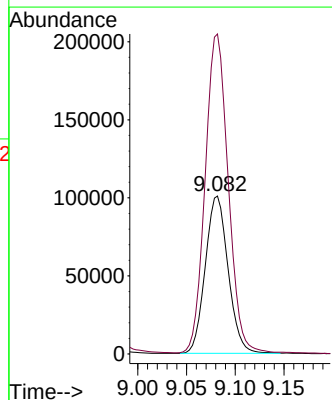
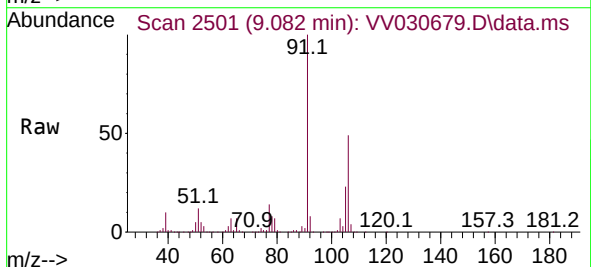
Instrument :
MSVOA_V
ClientSampleId :

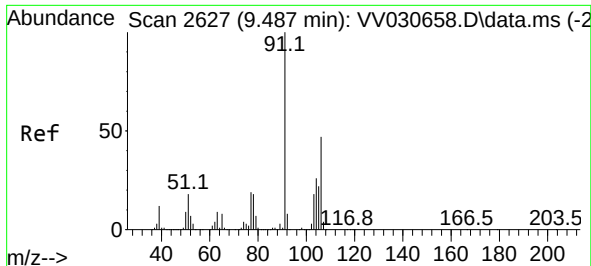
Tgt Ion: 91 Resp: 425130
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 54.339 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion:106 Resp: 164335
Ion Ratio Lower Upper
106 100
91 202.6 144.7 268.7

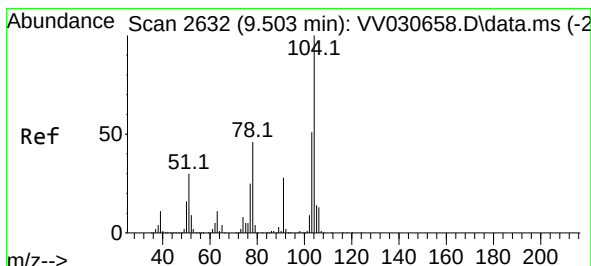
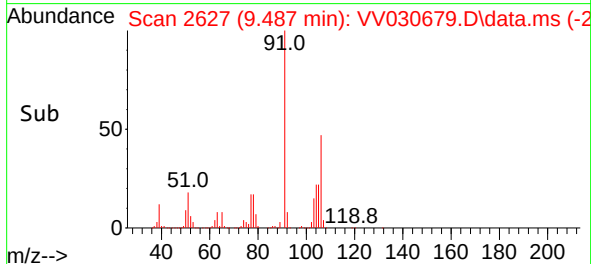
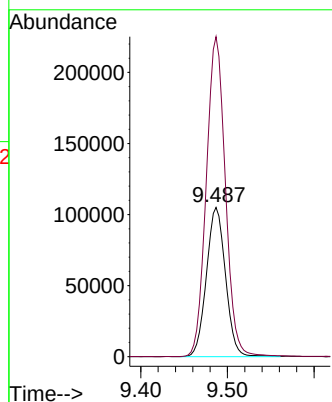
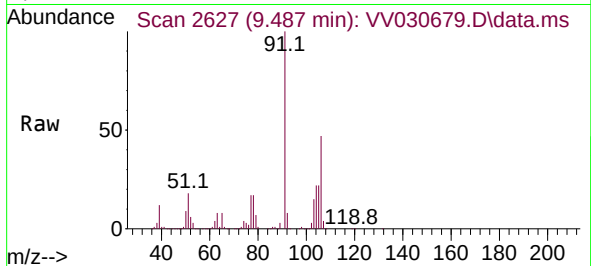




#54
o-Xylene
Concen: 54.463 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

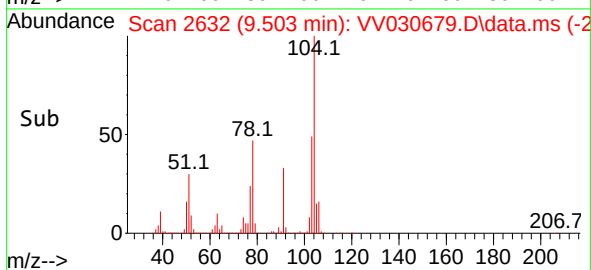
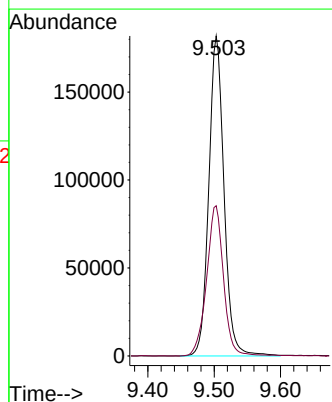
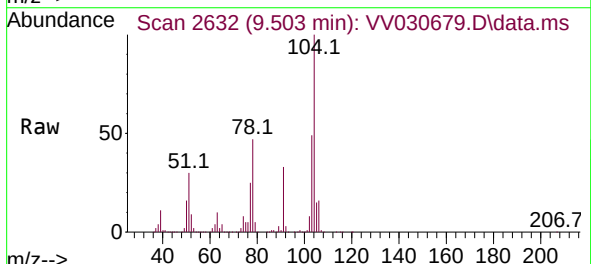
Instrument :
MSVOA_V
ClientSampleId :

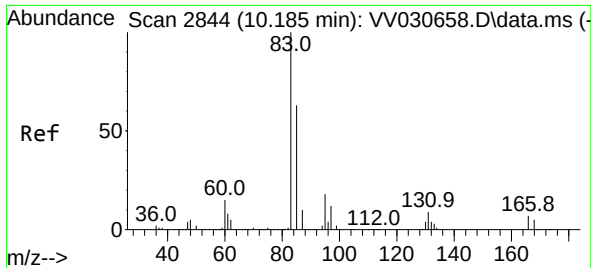
Tgt Ion:106 Resp: 161134
Ion Ratio Lower Upper
106 100
91 214.3 152.6 283.4



#55
Styrene
Concen: 55.838 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

Tgt Ion:104 Resp: 290187
Ion Ratio Lower Upper
104 100
78 46.9 32.3 59.9

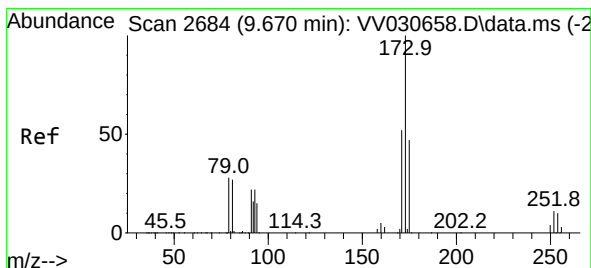
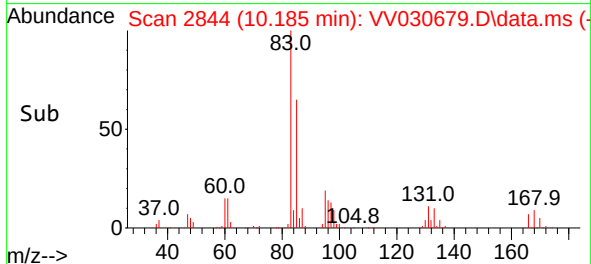
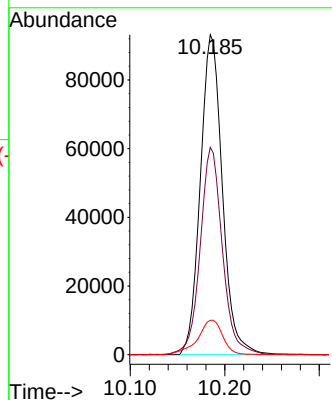
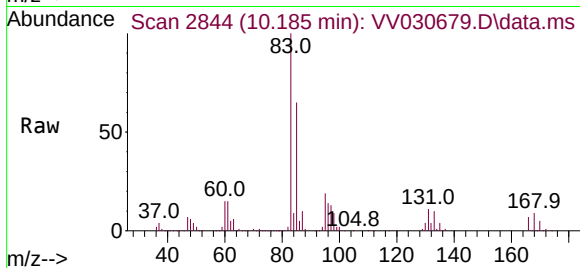




#57
1,1,2,2-Tetrachloroethane
Concen: 50.372 ug/L
RT: 10.185 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

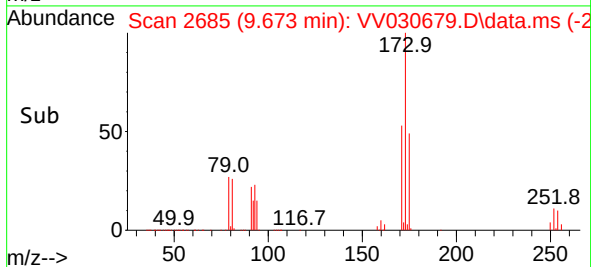
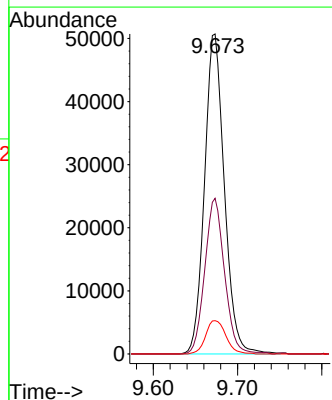
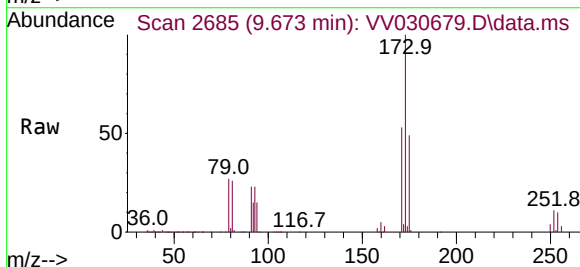
Instrument :
MSVOA_V
ClientSampleId :

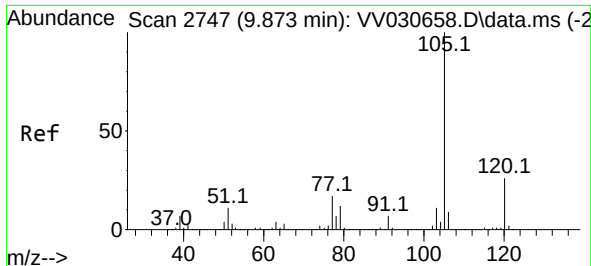
Tgt Ion: 83 Resp: 150714
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7
131 10.8 8.0 12.0



#59
Bromoform
Concen: 50.809 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

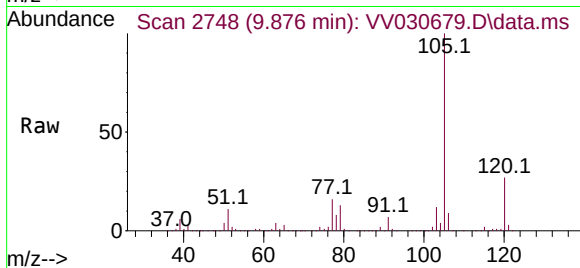
Tgt Ion: 173 Resp: 83273
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 10.7 8.2 12.4



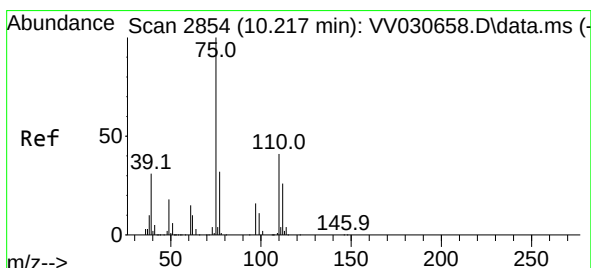
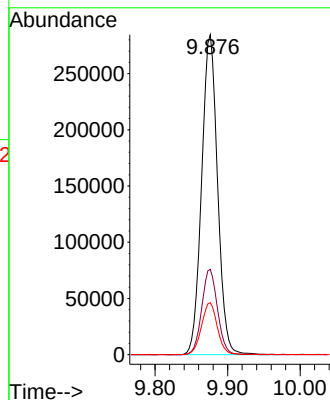
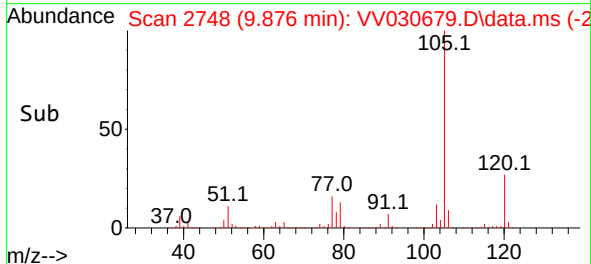


#60
Isopropylbenzene
Concen: 53.298 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

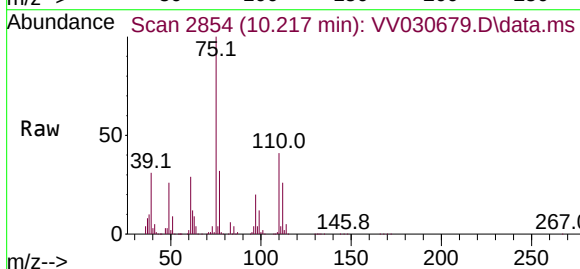
Instrument :
MSVOA_V
ClientSampleId :



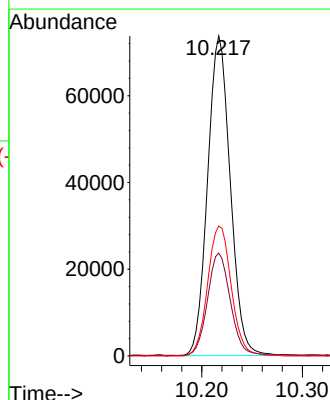
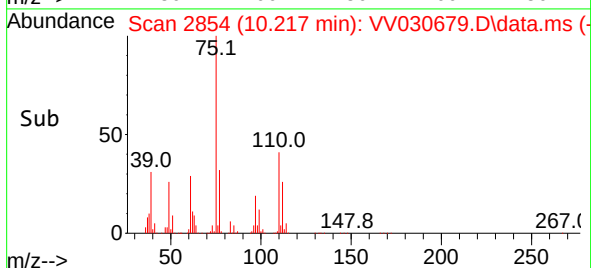
Tgt Ion:105 Resp: 435120
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.2 13.0 19.6

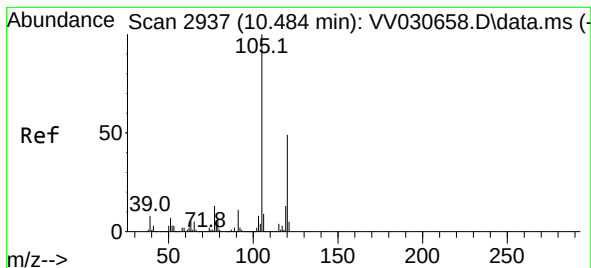


#61
1,2,3-Trichloropropane
Concen: 49.222 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52



Tgt Ion: 75 Resp: 115405
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 42.5 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 53.467 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

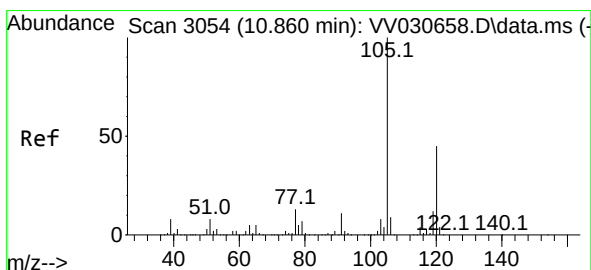
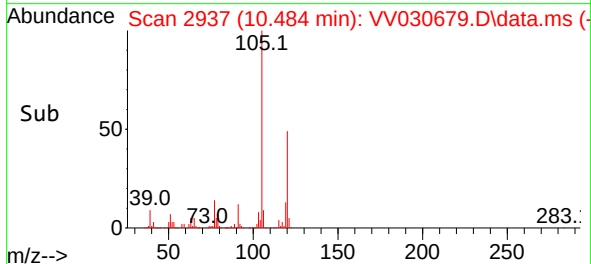
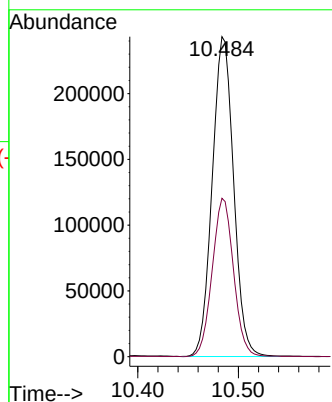
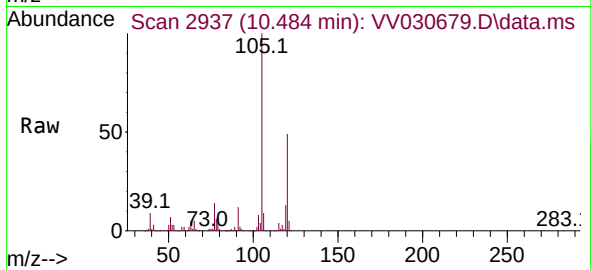
ClientSampleId :

Tgt Ion:105 Resp: 359389

Ion Ratio Lower Upper

105 100

120 49.4 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 53.141 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030679.D

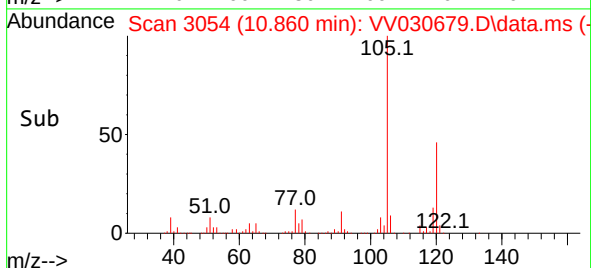
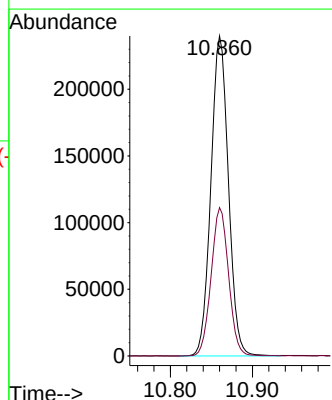
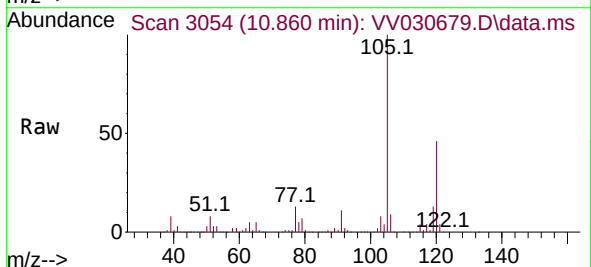
Acq: 19 Apr 2023 20:52

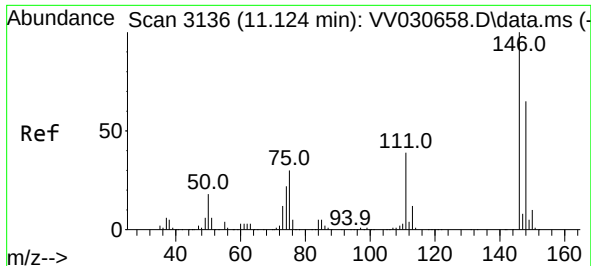
Tgt Ion:105 Resp: 356646

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4

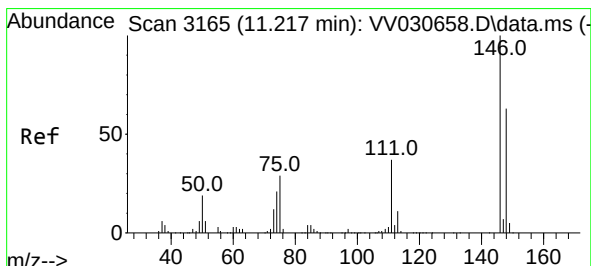
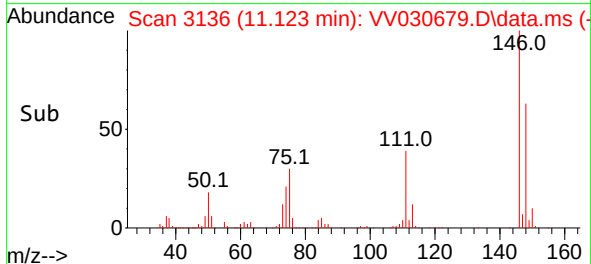
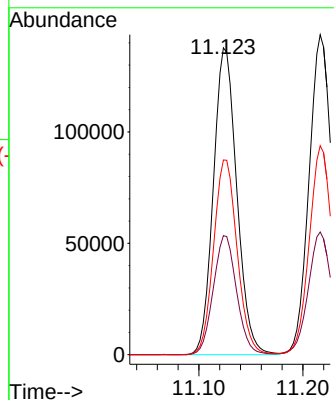
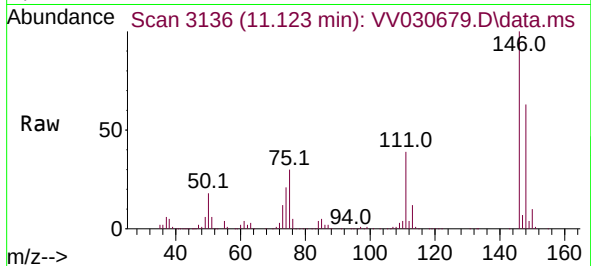




#64
1,3-Dichlorobenzene
Concen: 52.952 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

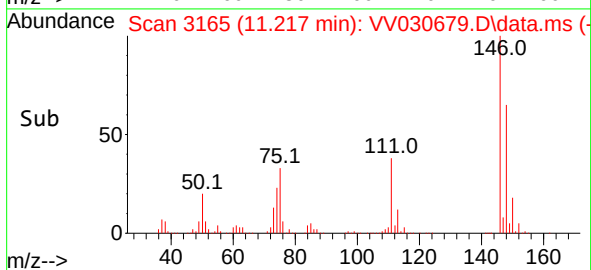
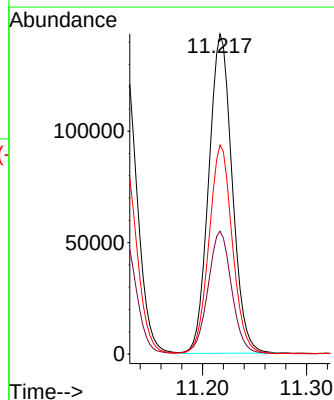
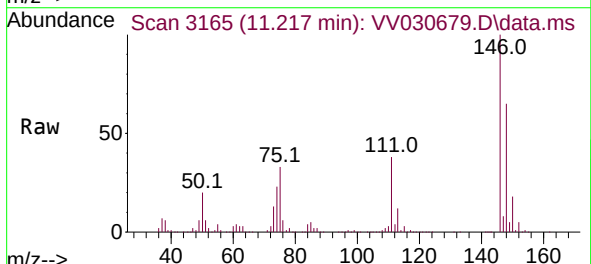
Instrument :
MSVOA_V
ClientSampleId :

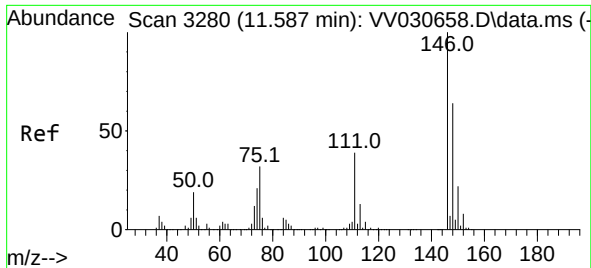
Tgt Ion:146 Resp: 216432
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 63.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 52.083 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

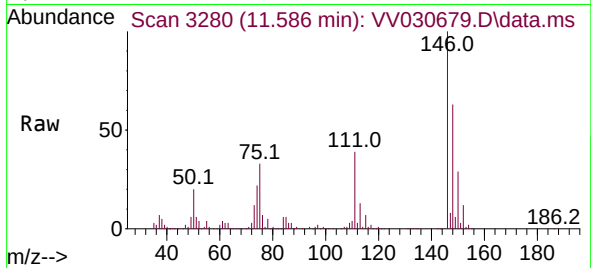
Tgt Ion:146 Resp: 224480
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 65.3 44.7 83.1



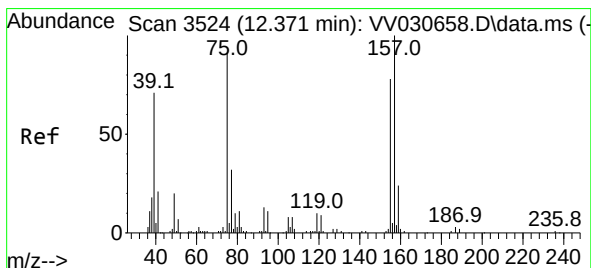
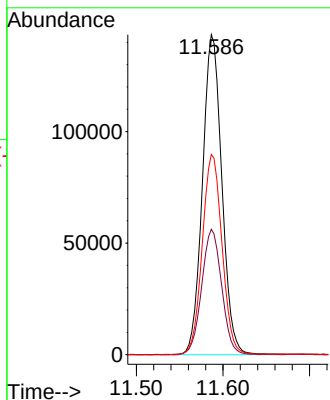
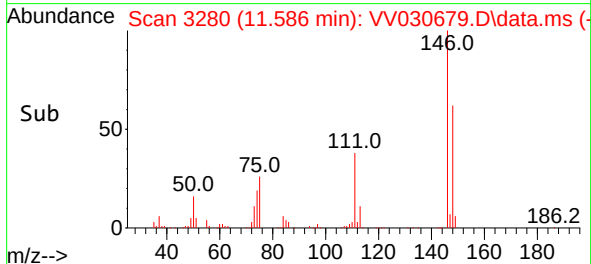


#67
1,2-Dichlorobenzene
Concen: 54.154 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52

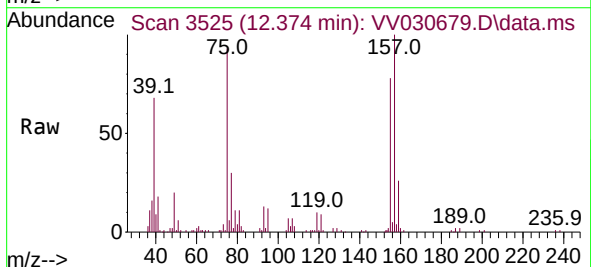
Instrument :
MSVOA_V
ClientSampleId :



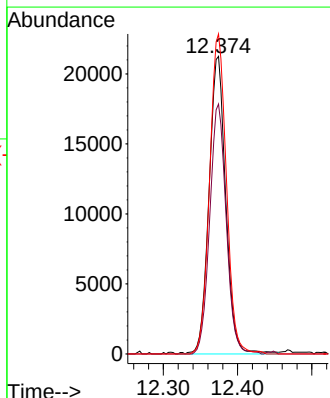
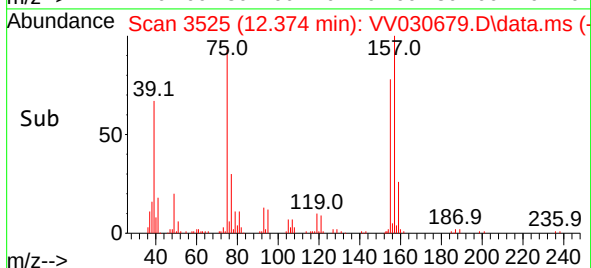
Tgt Ion:146 Resp: 223299
Ion Ratio Lower Upper
146 100
111 39.2 32.0 48.0
148 62.6 50.6 76.0

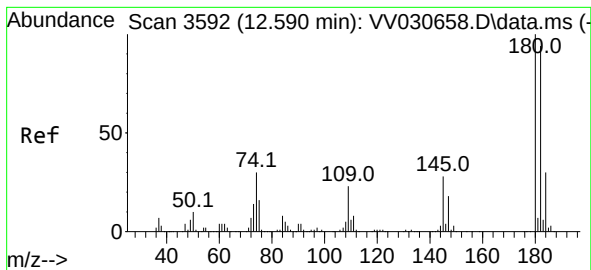


#68
1,2-Dibromo-3-chloropropane
Concen: 47.917 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030679.D
Acq: 19 Apr 2023 20:52



Tgt Ion: 75 Resp: 33285
Ion Ratio Lower Upper
75 100
155 84.0 65.0 97.6
157 107.5 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 50.563 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

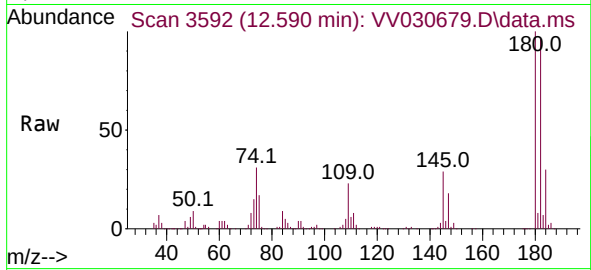
Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 156117

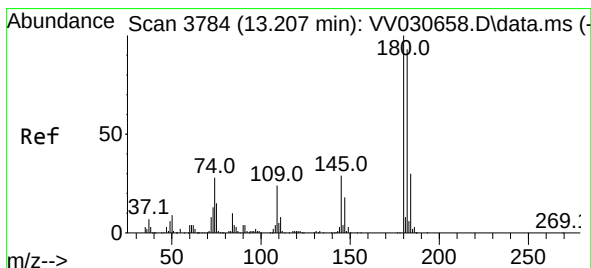
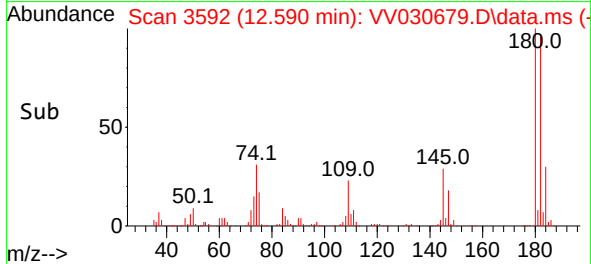
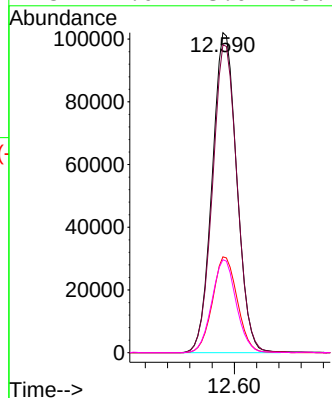
Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

184 30.2 24.1 36.1

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.502 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

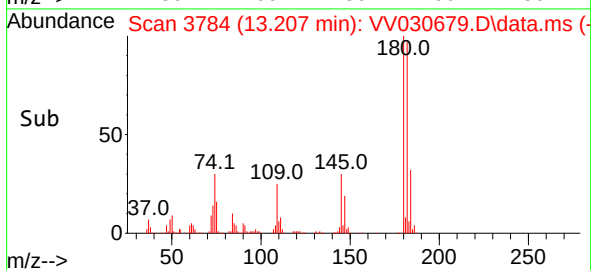
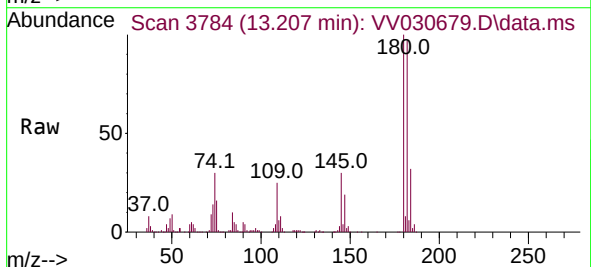
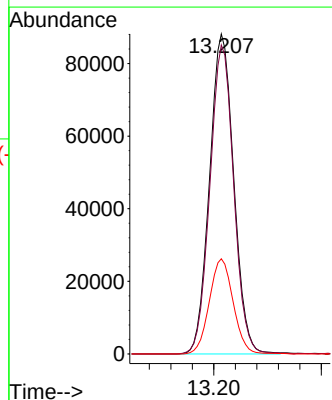
Tgt Ion:180 Resp: 137637

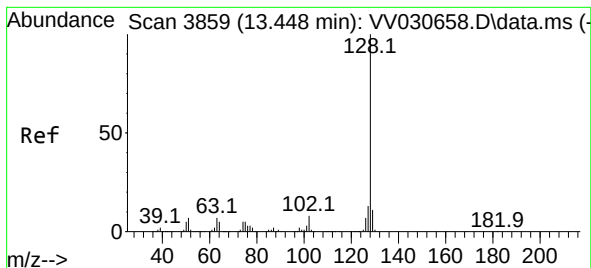
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 29.2 23.4 35.2





#71

Naphthalene

Concen: 49.520 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030679.D

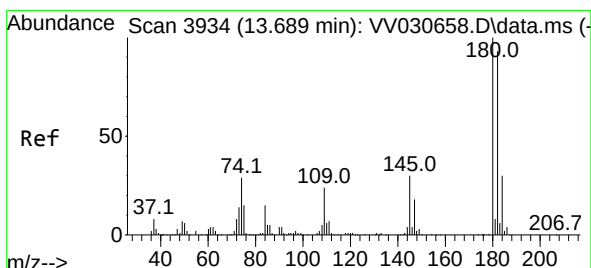
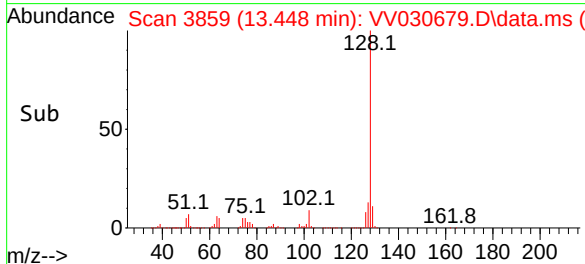
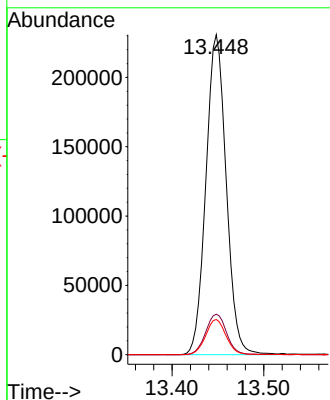
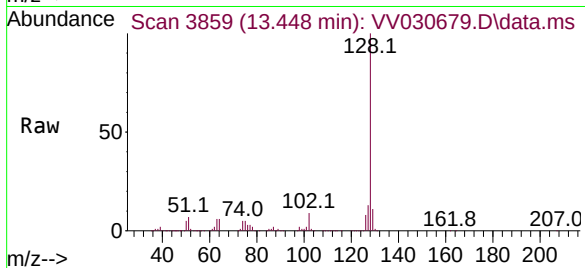
Acq: 19 Apr 2023 20:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	355125
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	11.0	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.313 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030679.D

Acq: 19 Apr 2023 20:52

Tgt Ion:	180	Resp:	138588
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.2	114.4
145	30.5	25.1	37.7

