

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030026.D
 Acq On : 02 Feb 2023 16:18
 Operator : SY/MD
 Sample : 01408-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C1154

Quant Time: Feb 03 01:15:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	217726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	204112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78401	4.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	77652	5.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.105	63	116781	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.880	46	182554	62.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.740%
24) Chloroform-d	4.336	84	146802	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.021	65	65160	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.040	84	312479	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.059	67	101375	5.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.307	98	259005	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.612	79	32321	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.082	63	156947	59.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.140%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	69284	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	98273	5.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3082	0.145	ug/L	99
5) Vinyl chloride	1.307	62	8454	0.404	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6172	0.382	ug/L	90
12) 1,1-Dichloroethene	2.114	96	11036	0.594	ug/L #	1
13) Acetone	2.179	43	4946	2.367	ug/L	94
18) trans-1,2-Dichloroethene	2.757	96	12227	0.708	ug/L	96
19) 1,1-Dichloroethane	3.182	63	10817	0.374	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	2527054	137.226	ug/L	91
29) 1,1,1-Trichloroethane	4.597	97	14878	0.561	ug/L	94
34) Trichloroethene	5.902	95	2211355	129.302	ug/L	96
35) Methylcyclohexane	6.059	83	22980	0.796	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	10179	0.644	ug/L #	88
39) cis-1,3-Dichloropropene	6.976	75	1988	0.094	ug/L #	65
47) Tetrachloroethene	7.966	164	606157	42.098	ug/L	99
48) 2-Hexanone	8.082	43	16992	3.525	ug/L #	63
49) Dibromochloromethane	7.963	129	550109	41.167	ug/L #	11
51) Chlorobenzene	8.873	112	6690	0.145	ug/L	98
61) 1,2,3-Trichloropropane	11.236	75	12709	1.681	ug/L #	64
65) 1,4-Dichlorobenzene	11.259	146	2884	0.087	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 03 01:11:57 2023
Response via : Initial Calibration

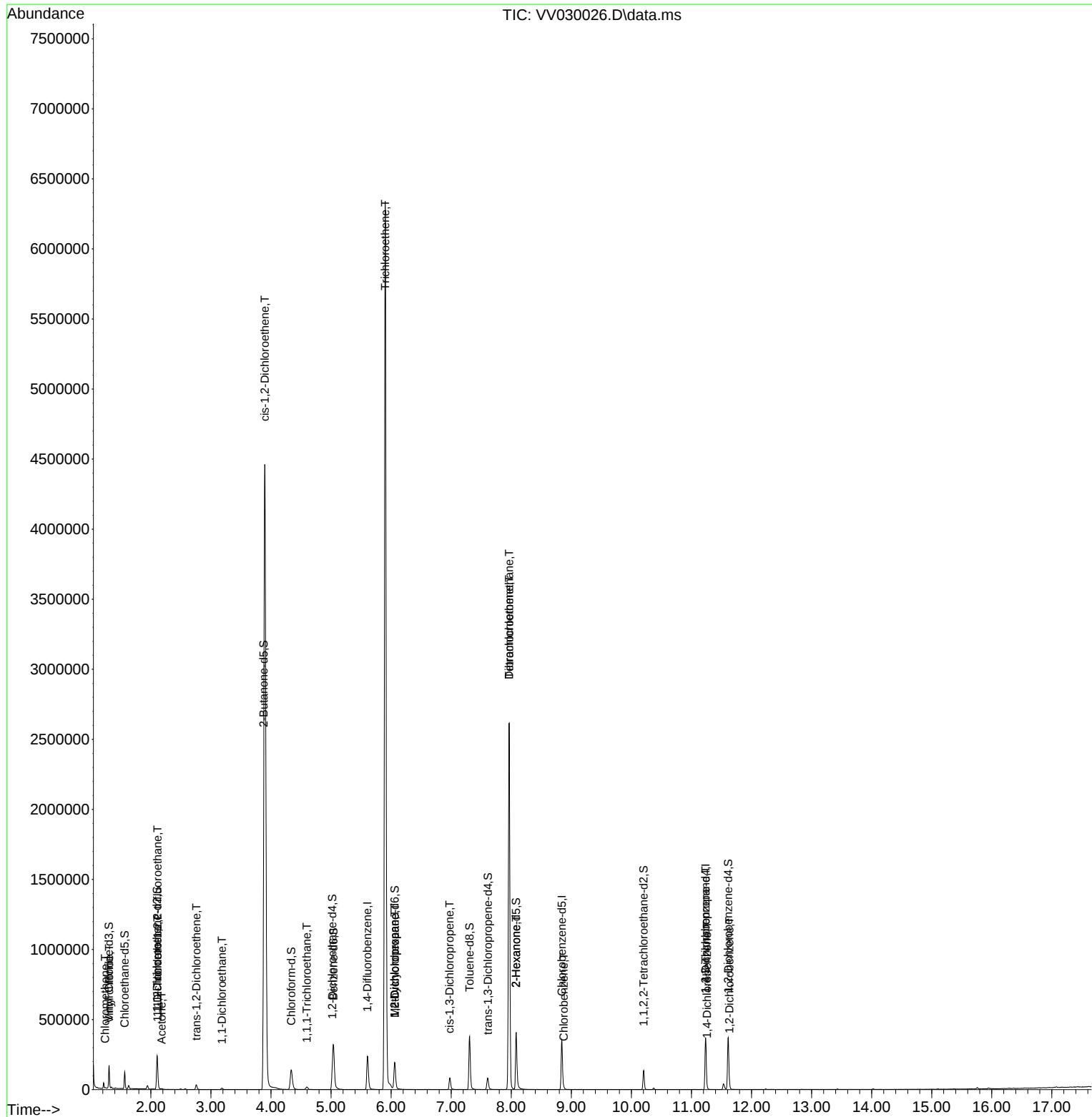
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.632	146	10948	0.368	ug/L	98

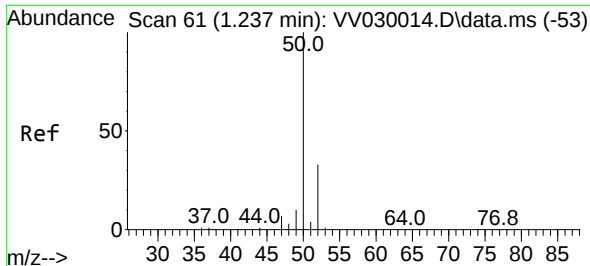
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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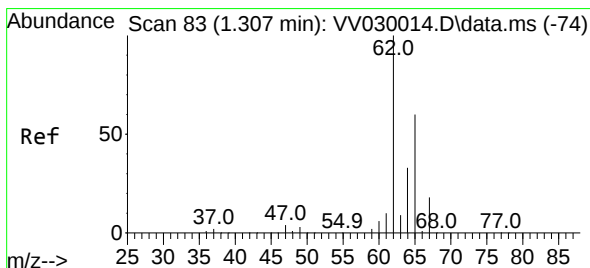
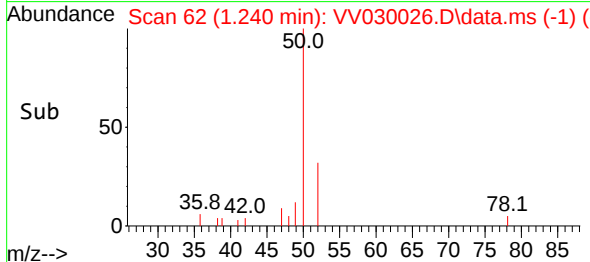
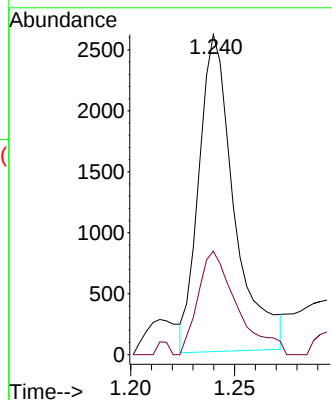
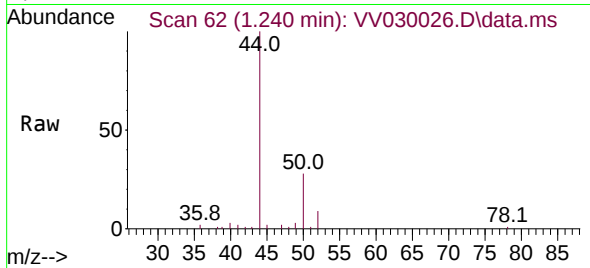




#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

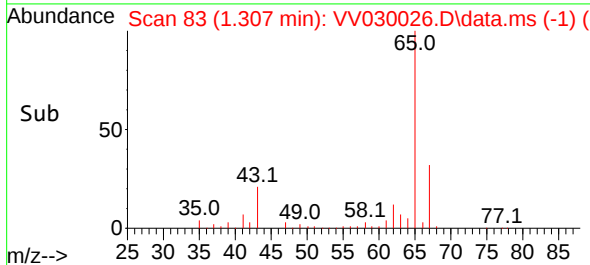
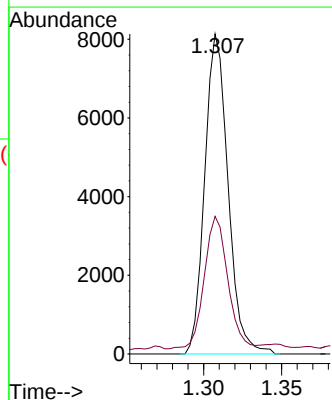
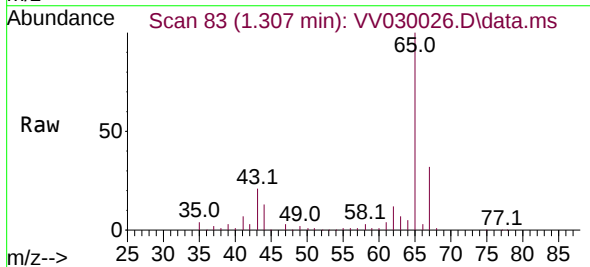
Instrument :
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ClientSampleId :
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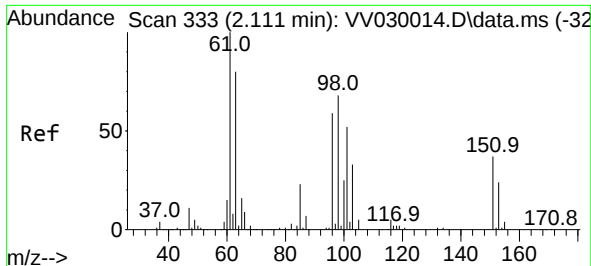
Tgt Ion: 50 Resp: 3082
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9



#5
Vinyl chloride
Concen: 0.404 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 62 Resp: 8454
Ion Ratio Lower Upper
62 100
64 43.0 23.2 43.2

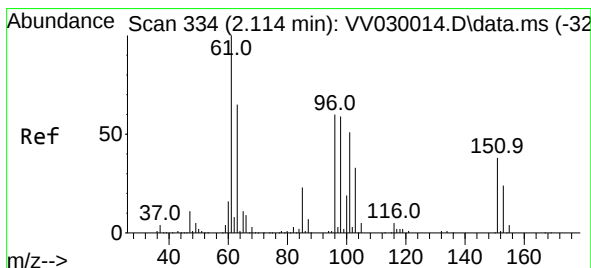
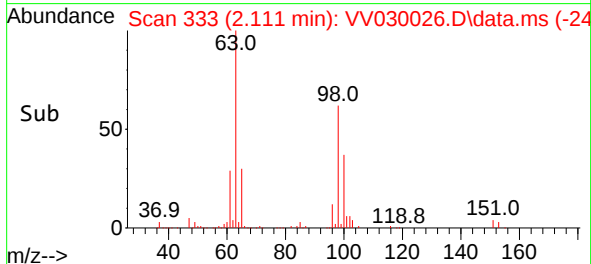
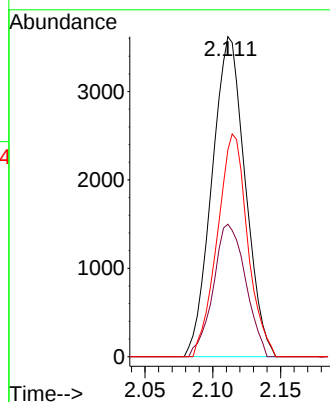
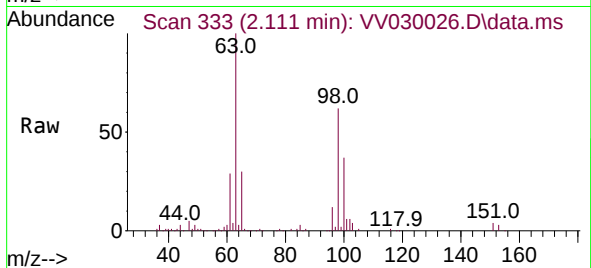




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.382 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV030026.D
 Acq: 02 Feb 2023 16:18

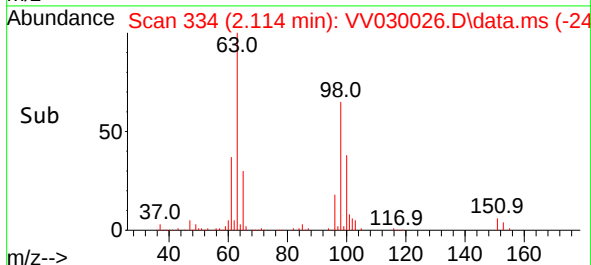
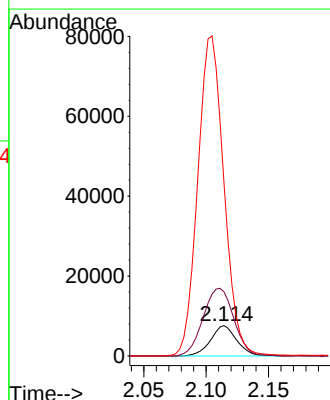
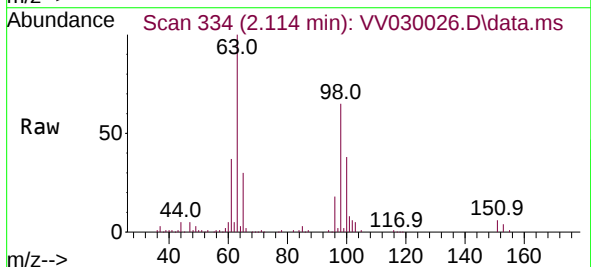
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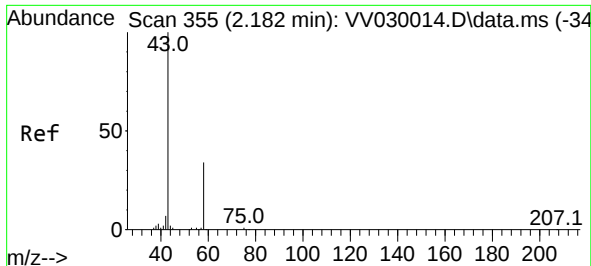
Tgt Ion:101 Resp: 6172
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.9 49.3
 151 63.7 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 0.594 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV030026.D
 Acq: 02 Feb 2023 16:18

Tgt Ion: 96 Resp: 11036
 Ion Ratio Lower Upper
 96 100
 61 210.8 106.1 197.1#
 63 566.4 76.4 141.8#

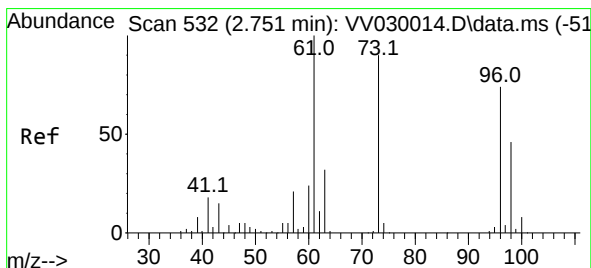
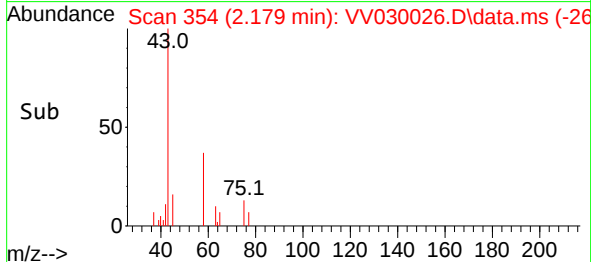
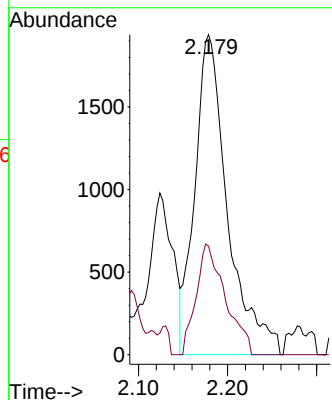
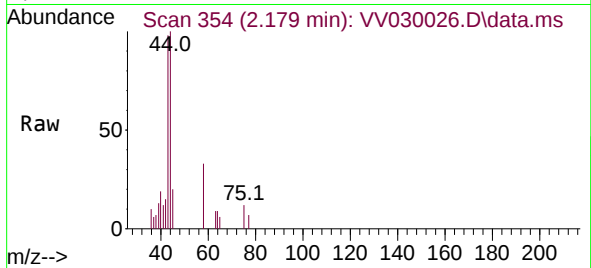




#13
Acetone
Concen: 2.367 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

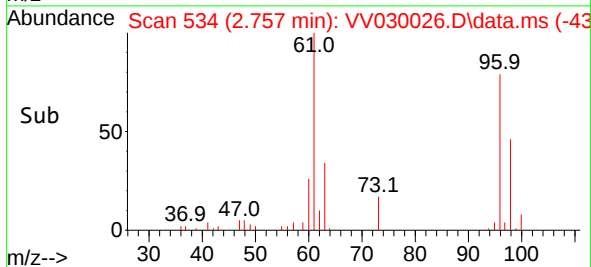
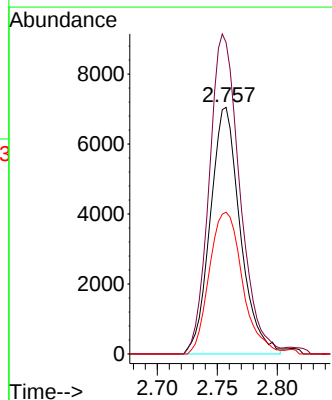
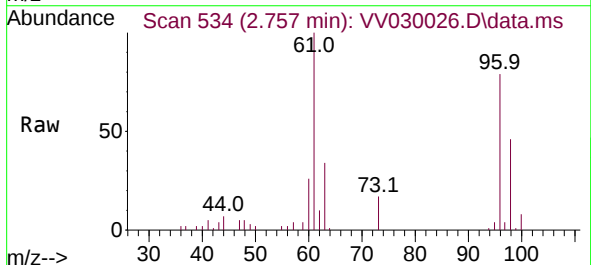
Instrument :
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ClientSampleId :
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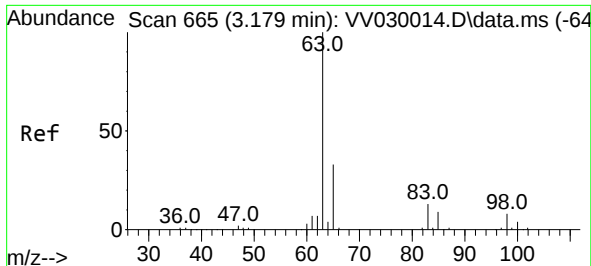
Tgt Ion: 43 Resp: 4946
Ion Ratio Lower Upper
43 100
58 31.0 0.0 68.8



#18
trans-1,2-Dichloroethene
Concen: 0.708 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 96 Resp: 12227
Ion Ratio Lower Upper
96 100
61 126.2 86.1 159.9
98 57.5 43.9 81.5

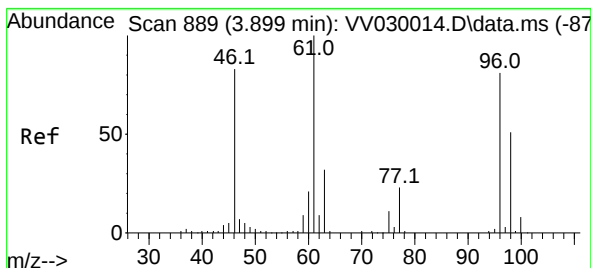
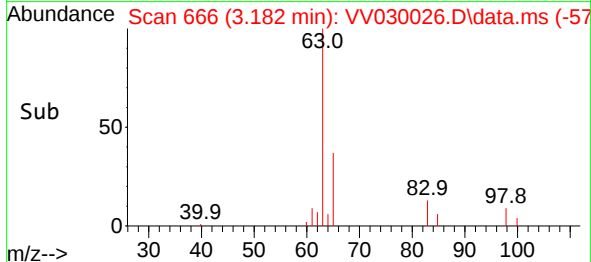
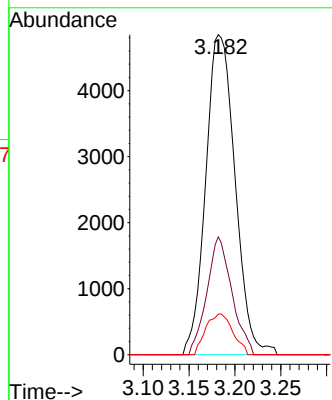
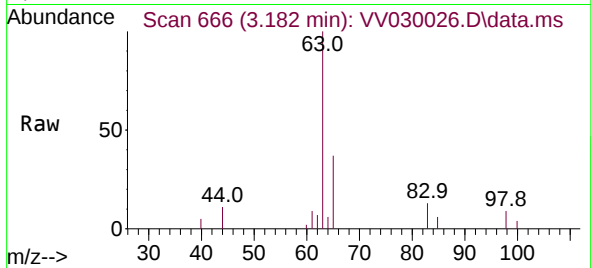




#19
1,1-Dichloroethane
Concen: 0.374 ug/L
RT: 3.182 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

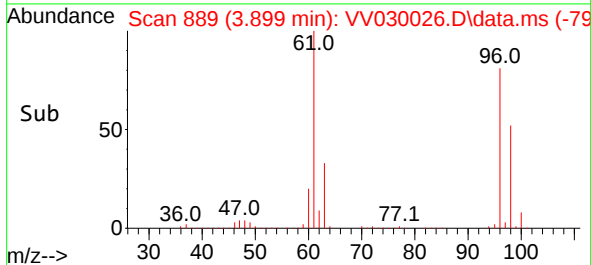
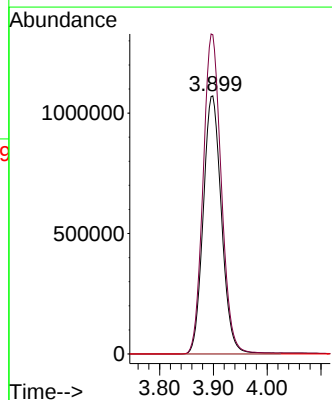
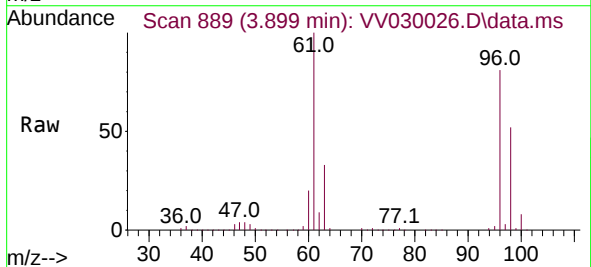
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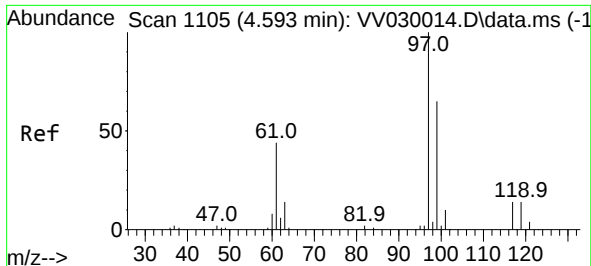
Tgt Ion: 63 Resp: 10817
Ion Ratio Lower Upper
63 100
65 36.8 22.4 41.6
83 12.7 10.2 19.0



#22
cis-1,2-Dichloroethene
Concen: 137.226 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 96 Resp: 2527054
Ion Ratio Lower Upper
96 100
61 123.7 80.0 148.6
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.561 ug/L

RT: 4.597 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

C1154

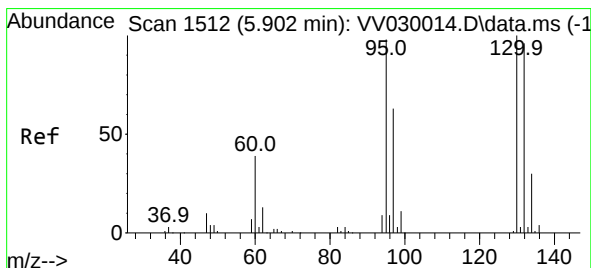
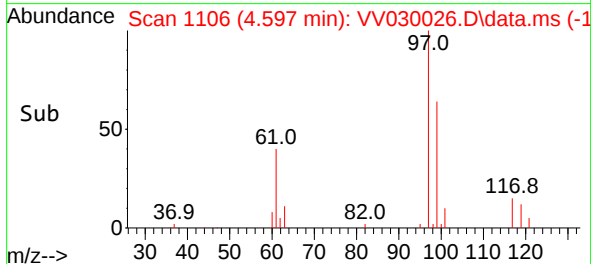
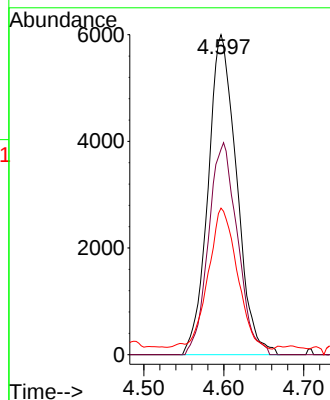
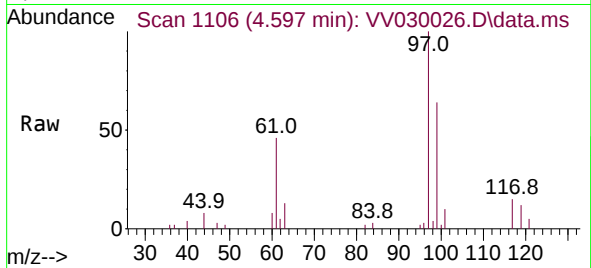
Tgt Ion: 97 Resp: 14878

Ion Ratio Lower Upper

97 100

99 67.3 51.3 76.9

61 45.2 31.6 47.4



#34

Trichloroethene

Concen: 129.302 ug/L

RT: 5.902 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Tgt Ion: 95 Resp: 2211355

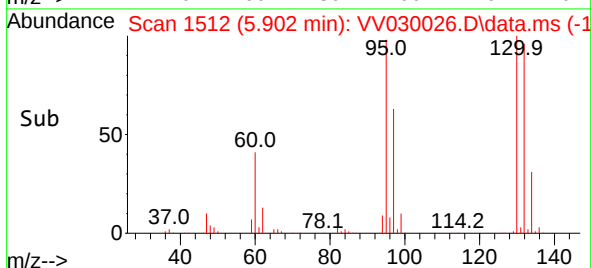
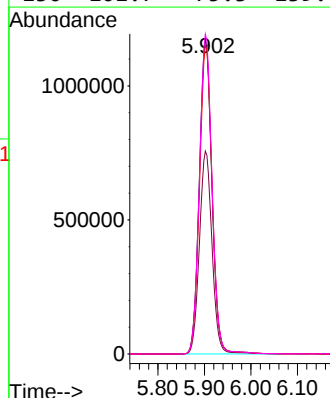
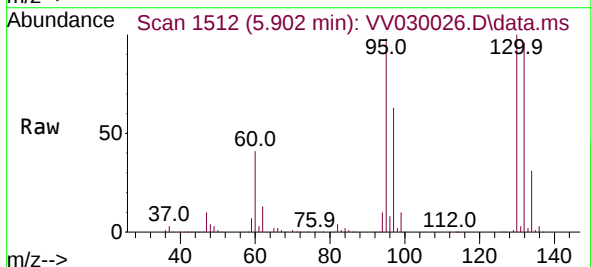
Ion Ratio Lower Upper

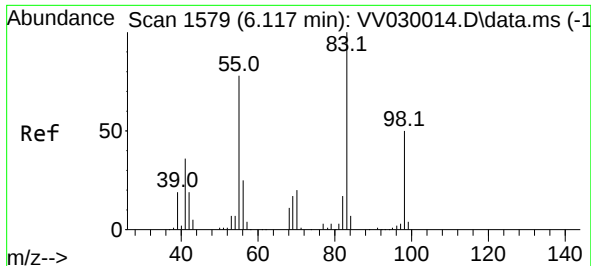
95 100

97 64.5 44.9 83.3

132 98.1 71.8 133.4

130 101.7 75.3 139.8

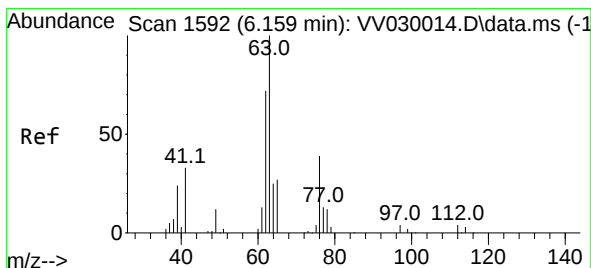
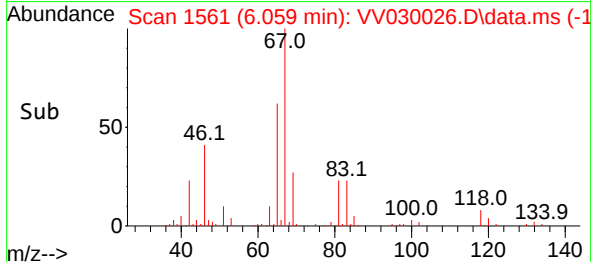
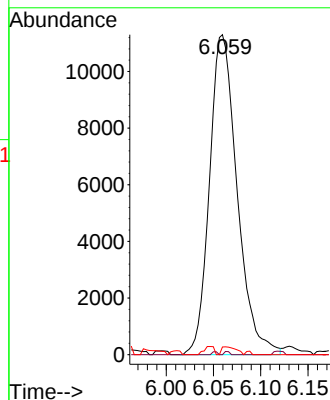
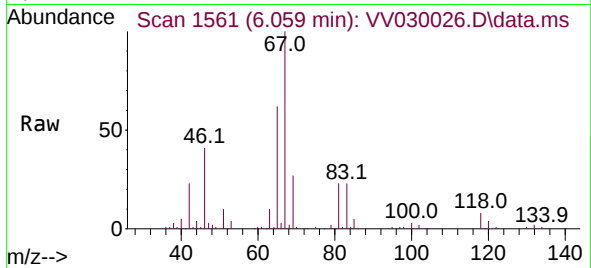




#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.058 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

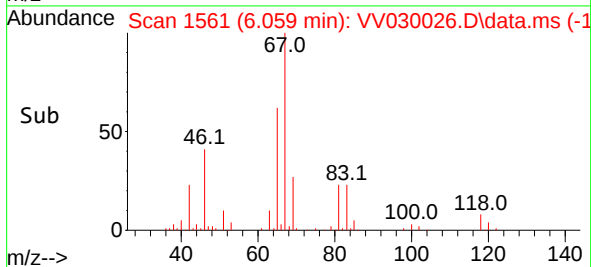
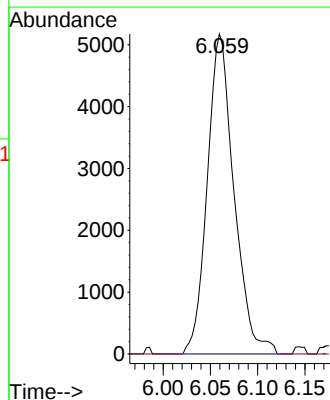
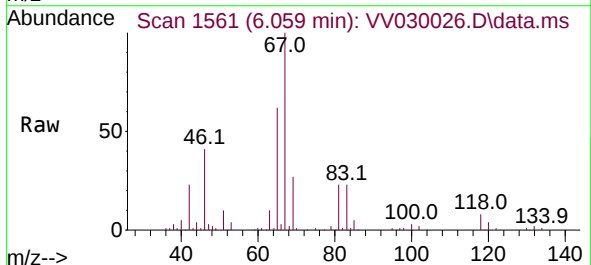
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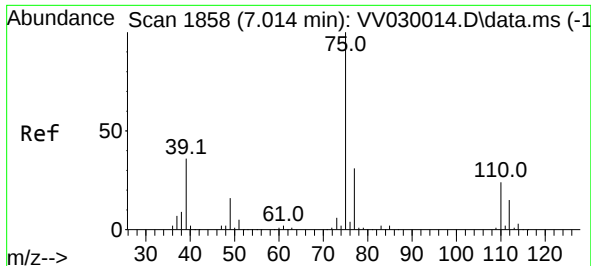
Tgt Ion: 83 Resp: 22980
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.100 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 63 Resp: 10179
Ion Ratio Lower Upper
63 100
112 0.9 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

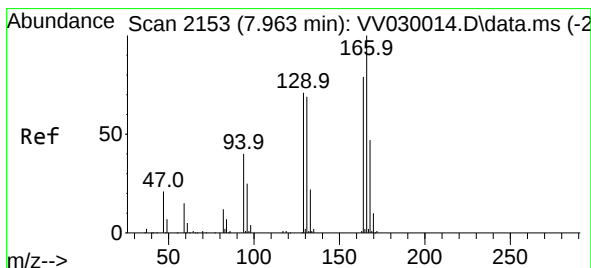
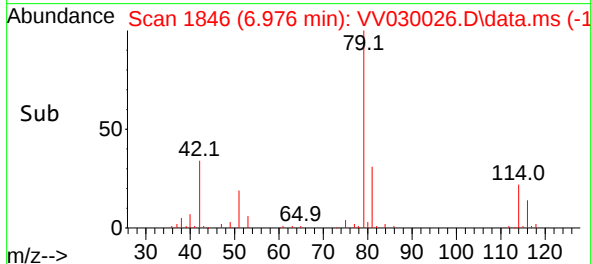
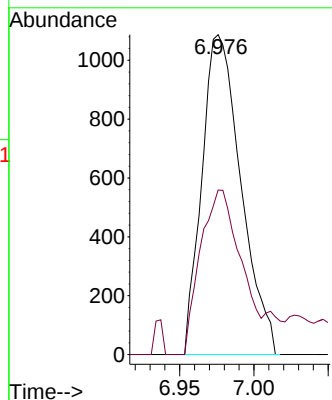
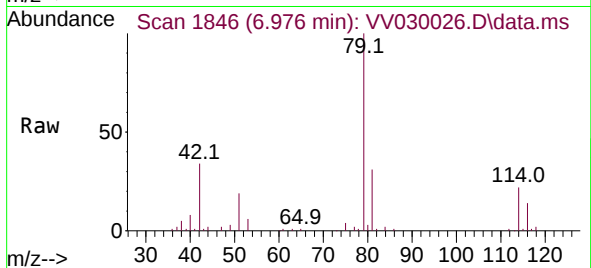
C1154

Tgt Ion: 75 Resp: 1988

Ion Ratio Lower Upper

75 100

77 51.4 22.4 41.6#



#47

Tetrachloroethene

Concen: 42.098 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.003 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Tgt Ion:164 Resp: 606157

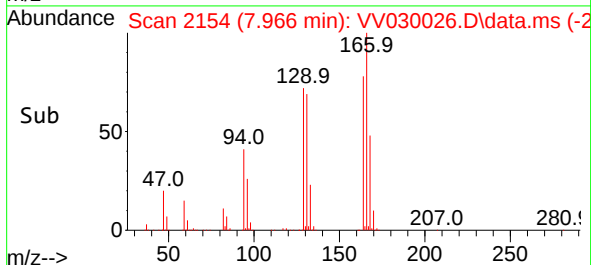
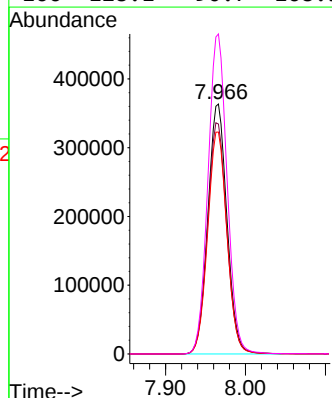
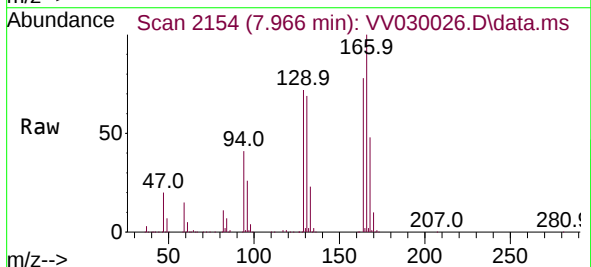
Ion Ratio Lower Upper

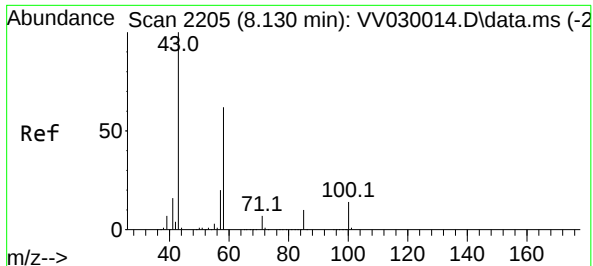
164 100

129 92.0 64.5 119.7

131 88.8 62.9 116.7

166 128.1 90.7 168.5

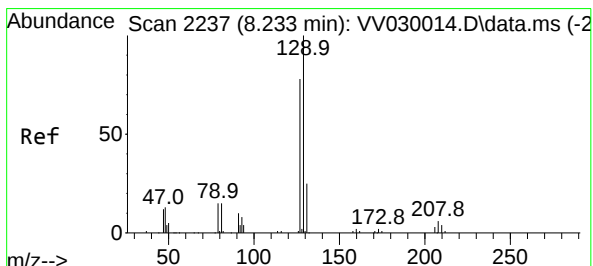
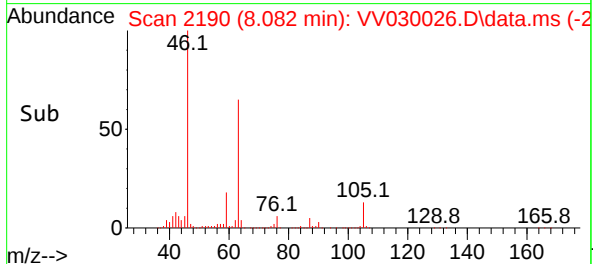
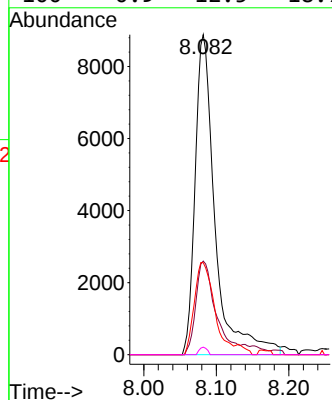
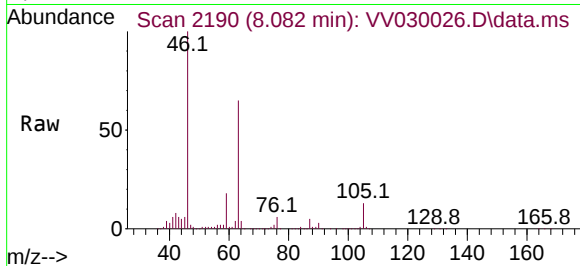




#48
2-Hexanone
Concen: 3.525 ug/L
RT: 8.082 min Scan# 21190
Delta R.T. -0.048 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

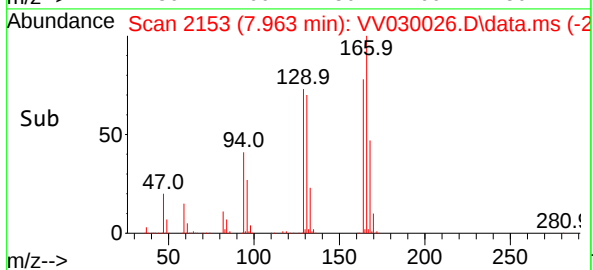
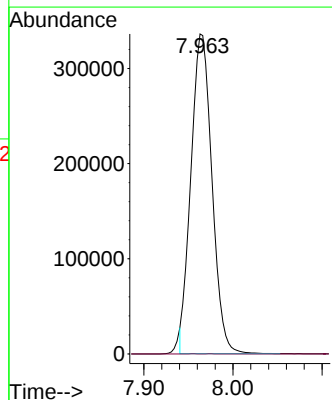
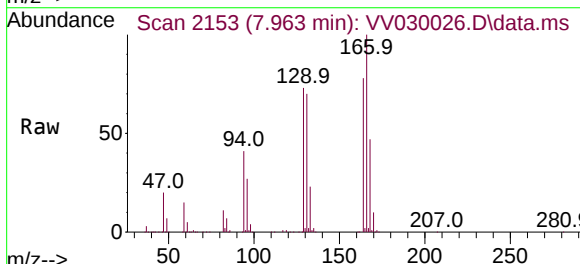
Instrument :
MSVOA_V
ClientSampleId :
C1154

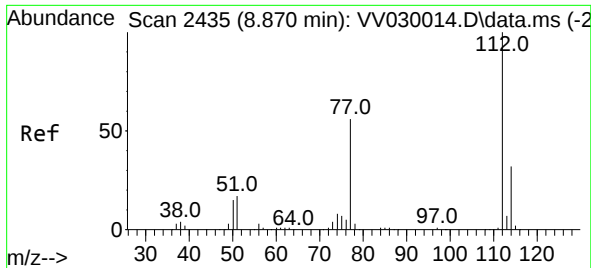
Tgt Ion: 43	Resp: 16992
Ion Ratio	Lower Upper
43 100	
58 29.3	51.4 77.2#
57 28.8	17.0 25.6#
100 0.9	12.5 18.7#



#49
Dibromochloromethane
Concen: 41.167 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.270 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 129	Resp: 550109
Ion Ratio	Lower Upper
129 100	
127 0.0	54.1 100.5#

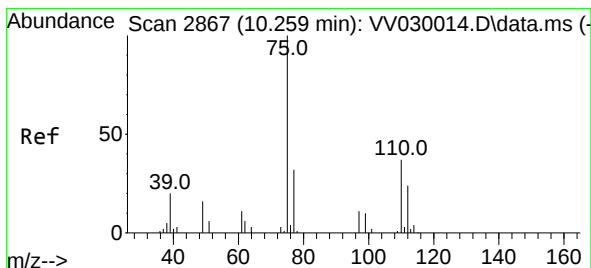
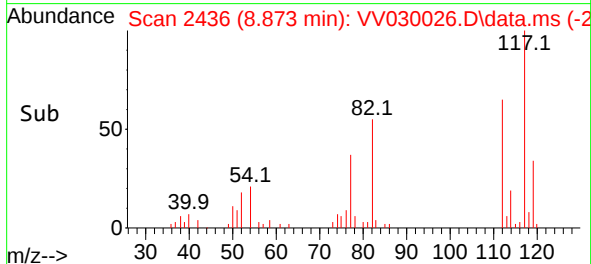
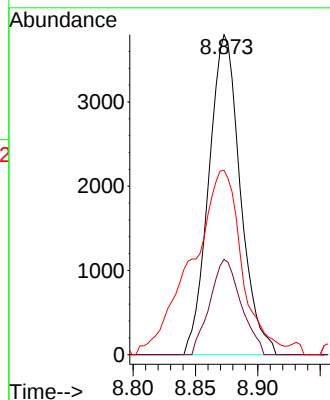
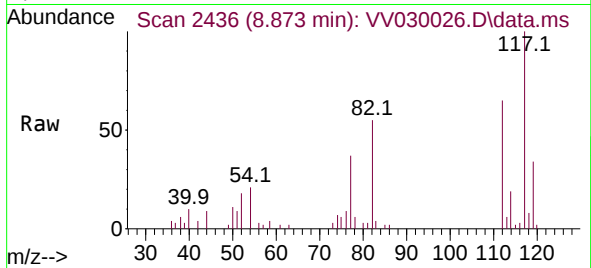




#51
Chlorobenzene
Concen: 0.145 ug/L
RT: 8.873 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

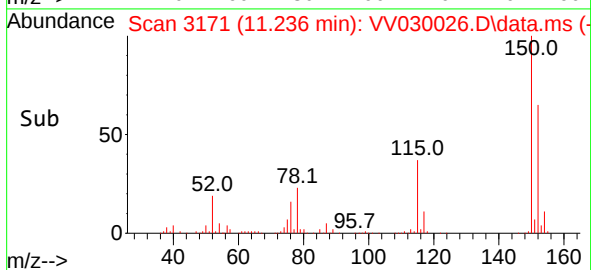
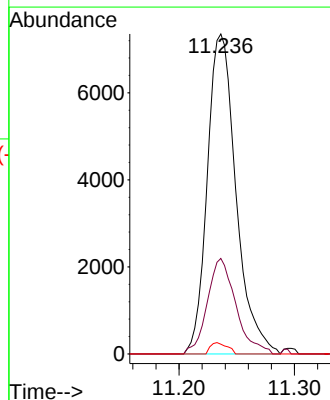
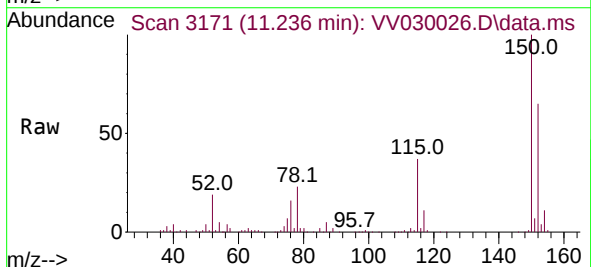
Instrument :
MSVOA_V
ClientSampleId :
C1154

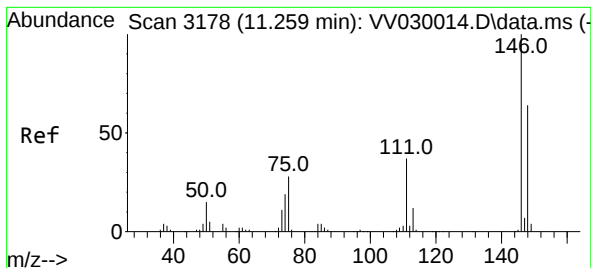
Tgt Ion:	112	Resp:	6690
Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.5	41.9
77	57.7	46.1	69.1



#61
1,2,3-Trichloropropane
Concen: 1.681 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.977 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

Tgt Ion:	75	Resp:	12709
Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.5	39.7
110	2.1	31.8	47.8





#65

1,4-Dichlorobenzene

Concen: 0.087 ug/L

RT: 11.259 min Scan# 3178

Delta R.T. -0.000 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

C1154

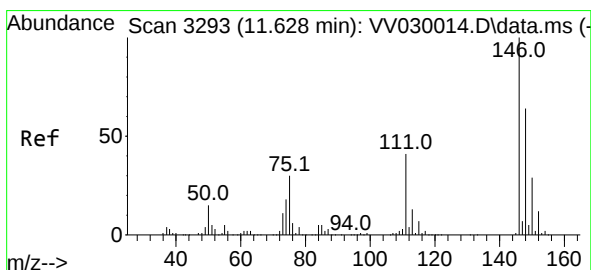
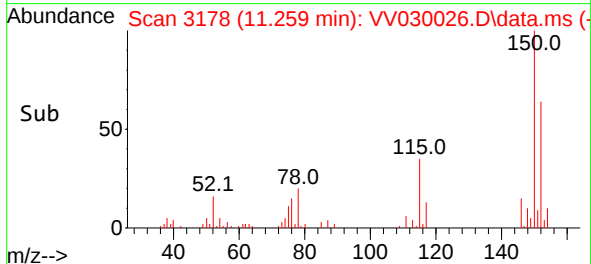
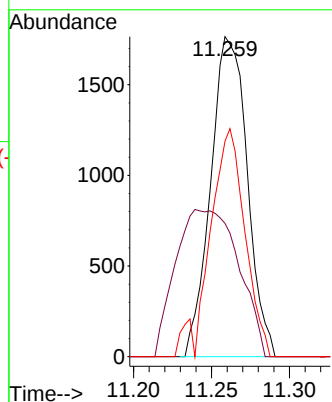
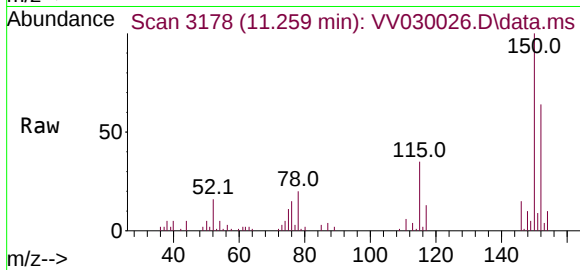
Tgt Ion:146 Resp: 2884

Ion Ratio Lower Upper

146 100

111 41.6 26.5 49.1

148 67.4 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 0.368 ug/L

RT: 11.632 min Scan# 3294

Delta R.T. 0.003 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Tgt Ion:146 Resp: 10948

Ion Ratio Lower Upper

146 100

111 40.4 31.8 47.8

148 62.4 51.4 77.0

