

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)

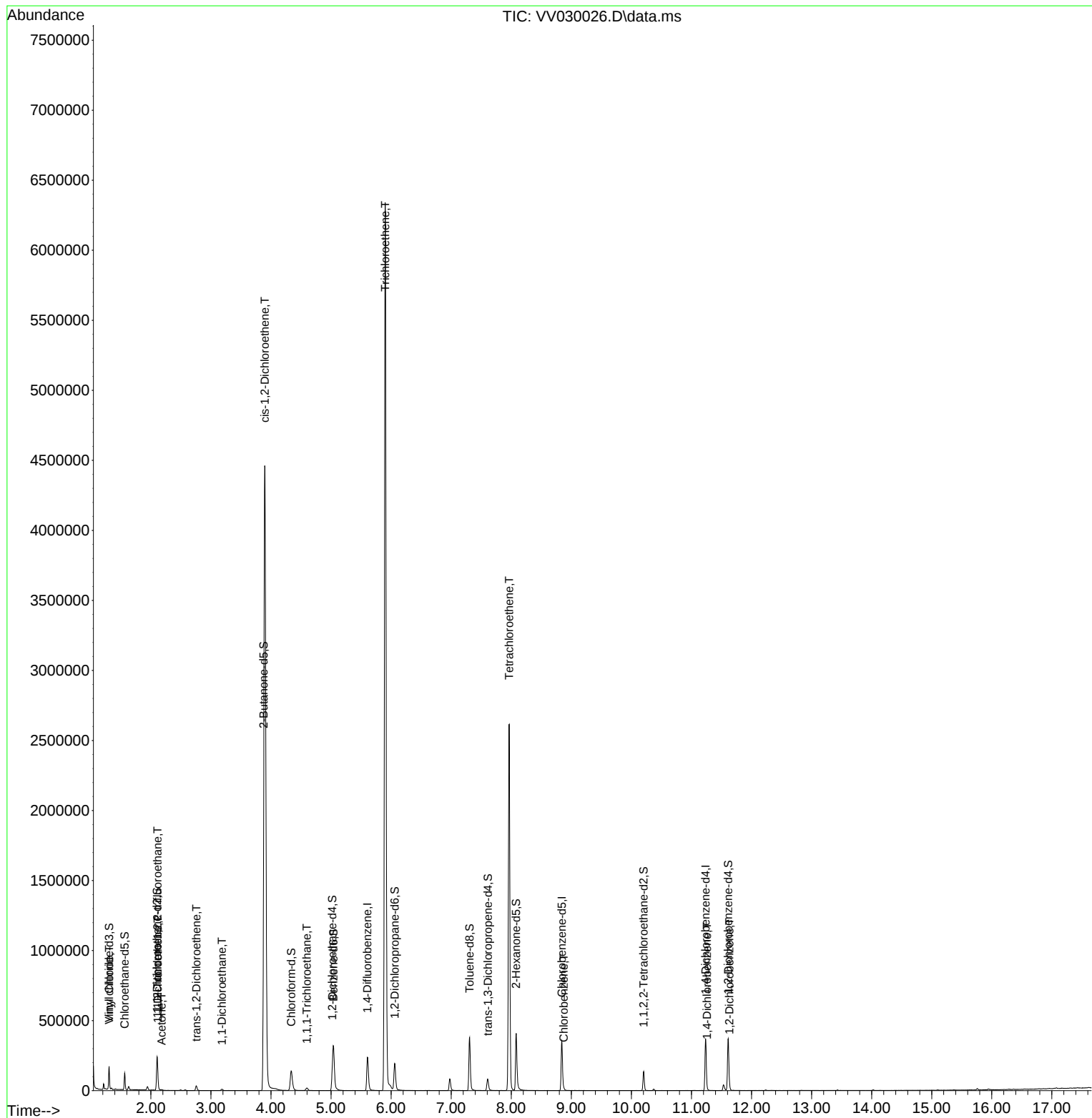
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	217726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	204112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78401	4.748	ug/L	0.00
Spiked Amount	5.000	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
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
47) Tetrachloroethene	7.966	164	606157	42.098	ug/L	99
51) Chlorobenzene	8.873	112	6690	0.145	ug/L	98
65) 1,4-Dichlorobenzene	11.259	146	2884	0.087	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	10948	0.368	ug/L	98

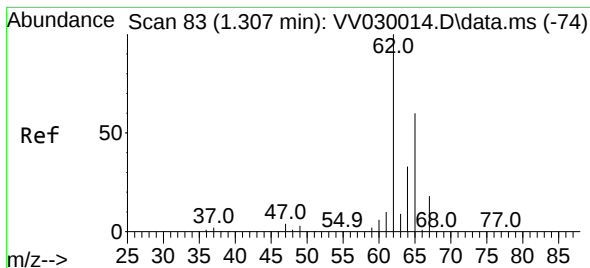
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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

Instrument :

MSVOA_V

ClientSampleId :

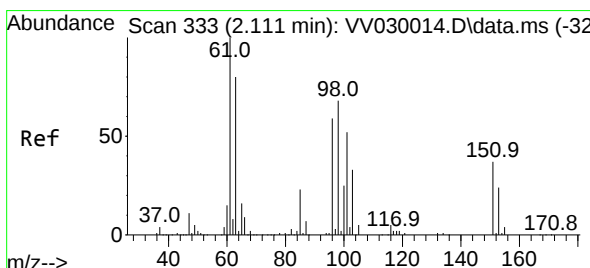
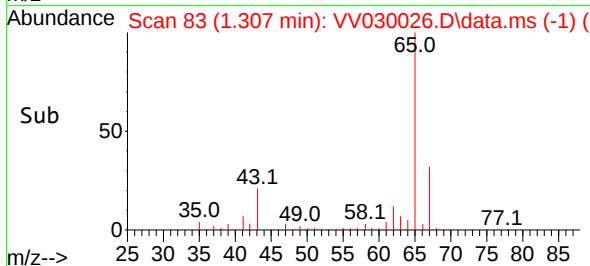
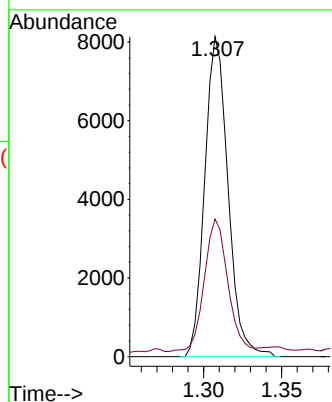
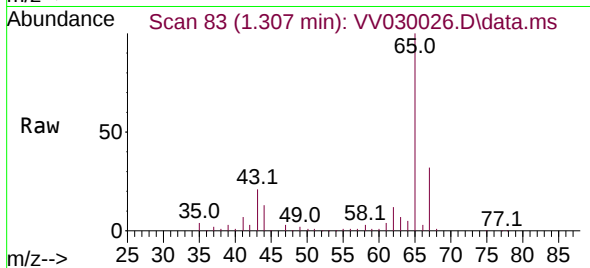
C1154

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

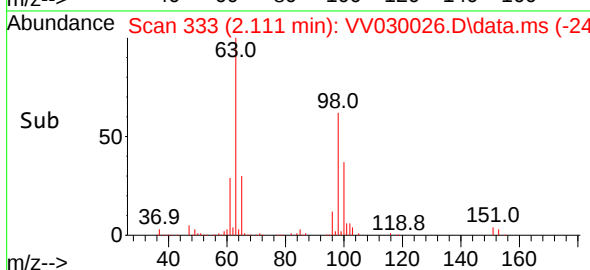
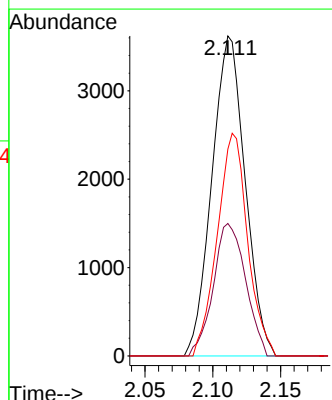
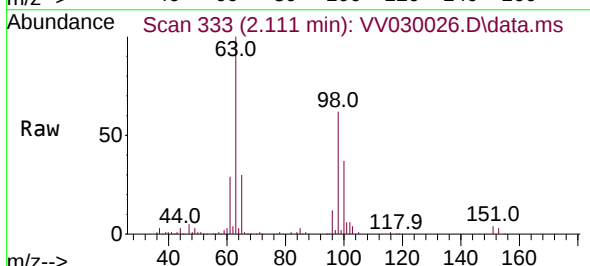
Tgt Ion: 101 Resp: 6172

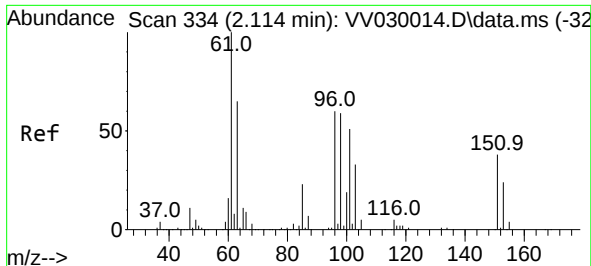
Ion Ratio Lower Upper

101 100

85 40.1 32.9 49.3

151 63.7 60.9 91.3

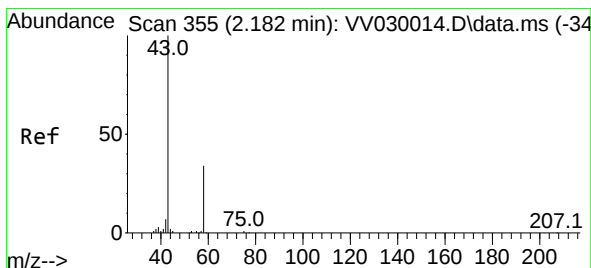
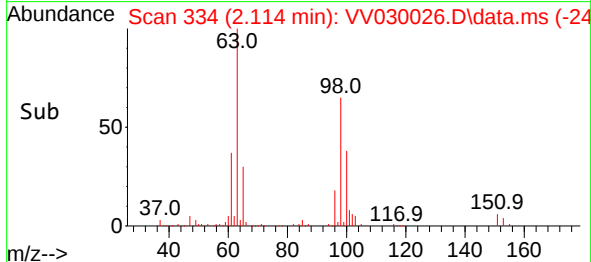
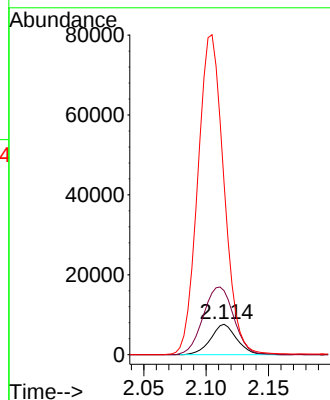
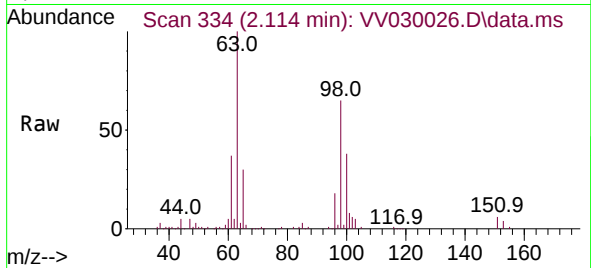




#12
1,1-Dichloroethene
Concen: 0.594 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

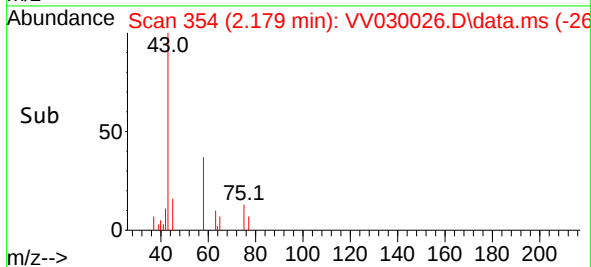
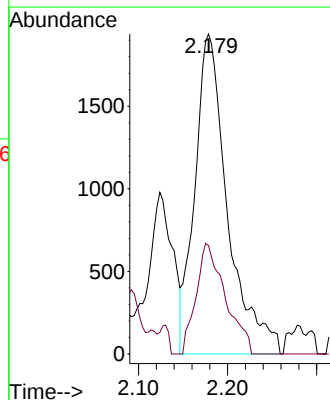
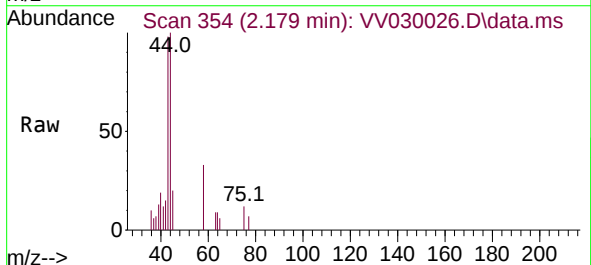
Instrument :
MSVOA_V
ClientSampleId :
C1154

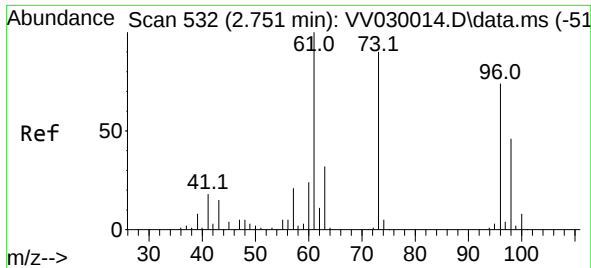
Tgt Ion: 96 Resp: 11036
Ion Ratio Lower Upper
96 100
61 210.8 106.1 197.1#
63 566.4 76.4 141.8#



#13
Acetone
Concen: 2.367 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

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

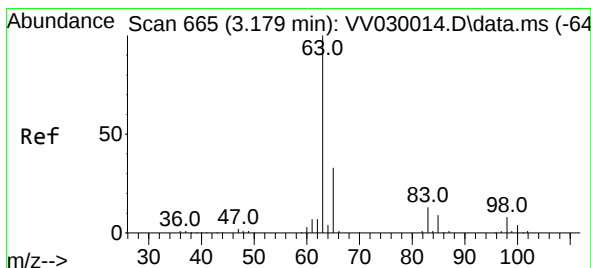
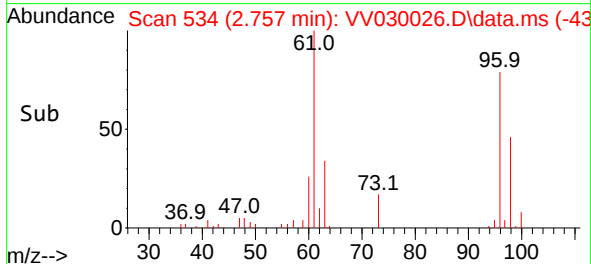
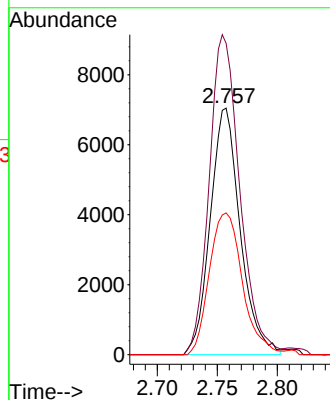
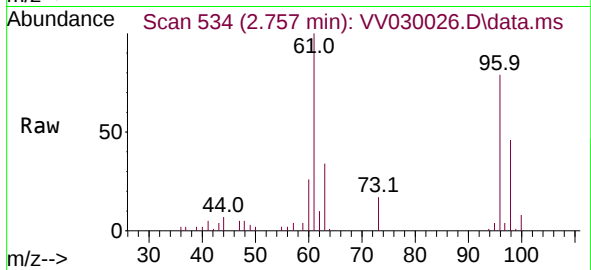




#18
trans-1,2-Dichloroethene
Concen: 0.708 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

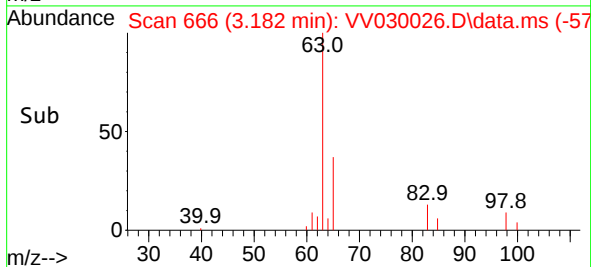
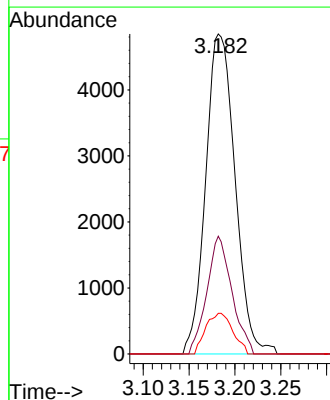
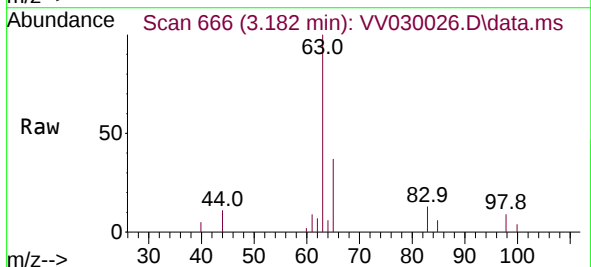
Instrument :
MSVOA_V
ClientSampleId :
C1154

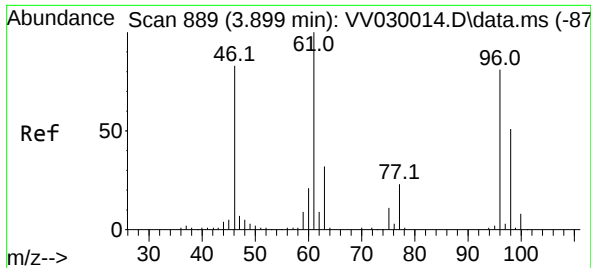
Tgt Ion: 96 Resp: 12227
Ion Ratio Lower Upper
96 100
61 126.2 86.1 159.9
98 57.5 43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.374 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

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



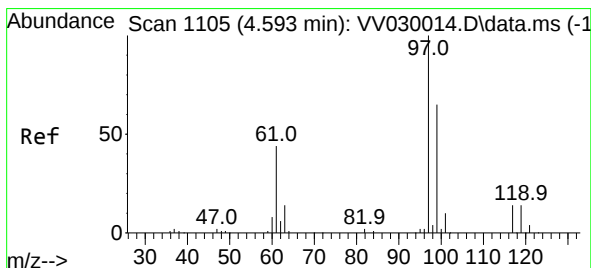
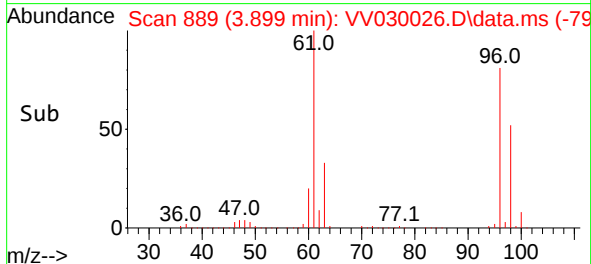
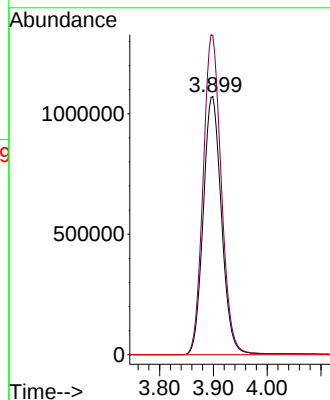
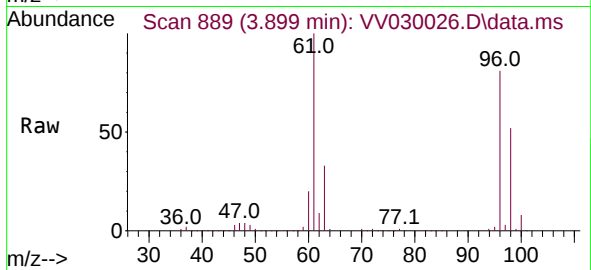


#22
 cis-1,2-Dichloroethene
 Concen: 137.226 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.000 min
 Lab File: VV030026.D
 Acq: 02 Feb 2023 16:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C1154

Tgt Ion: 96 Resp: 2527054

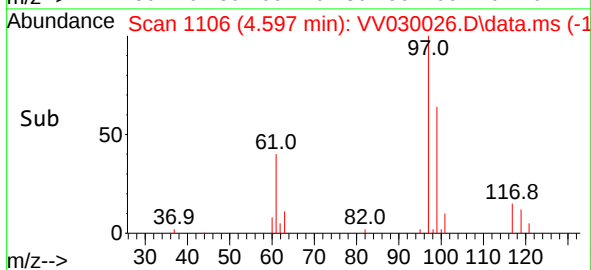
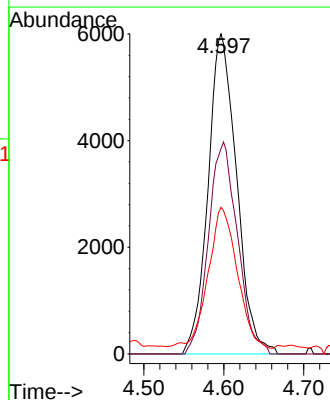
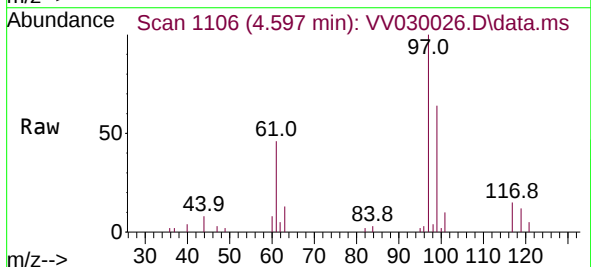
Ion	Ratio	Lower	Upper
96	100		
61	123.7	80.0	148.6
68	0.0	0.0	0.0

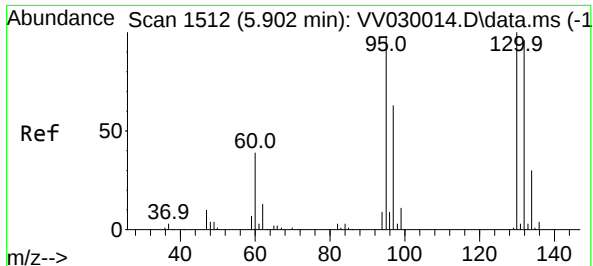


#29
 1,1,1-Trichloroethane
 Concen: 0.561 ug/L
 RT: 4.597 min Scan# 1106
 Delta R.T. 0.003 min
 Lab File: VV030026.D
 Acq: 02 Feb 2023 16:18

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# 11

Delta R.T. -0.000 min

Lab File: VV030026.D

Acq: 02 Feb 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

C1154

Tgt Ion: 95 Resp: 2211355

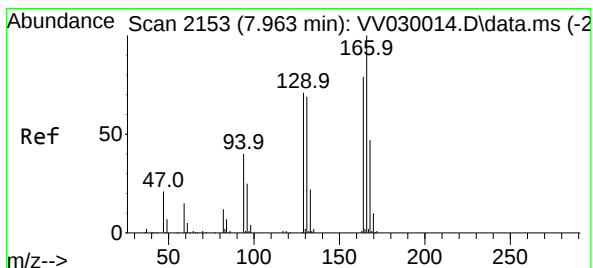
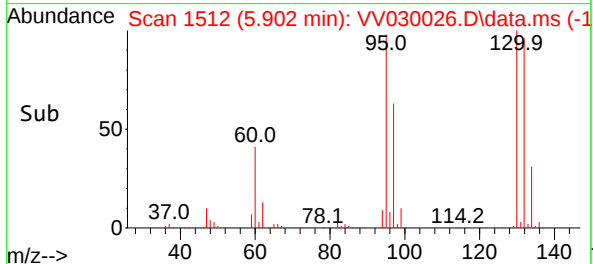
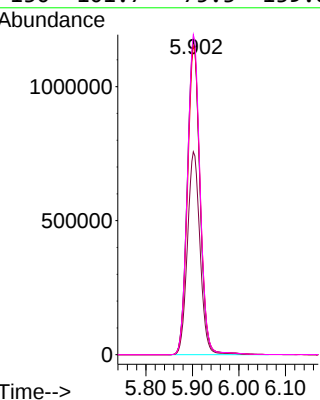
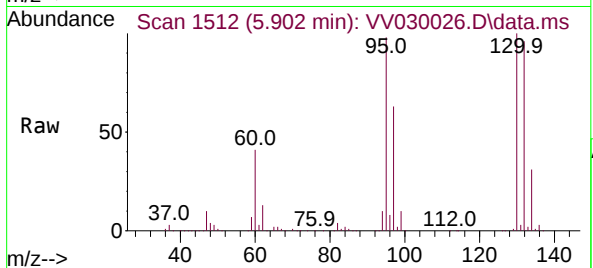
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.3

132 98.1 71.8 133.4

130 101.7 75.3 139.8



#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

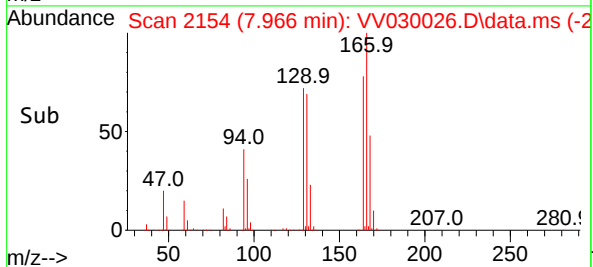
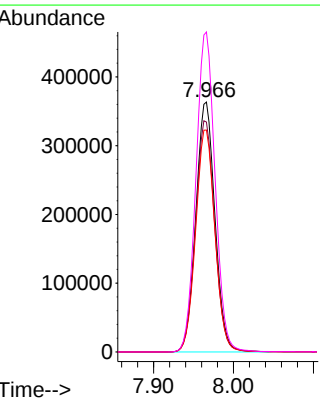
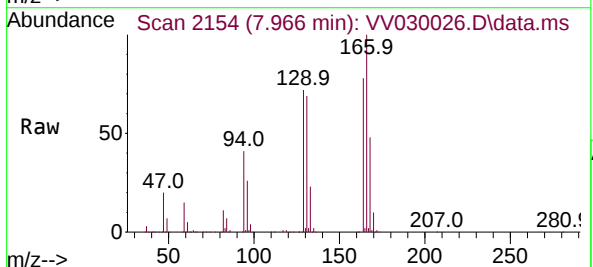
Ion Ratio Lower Upper

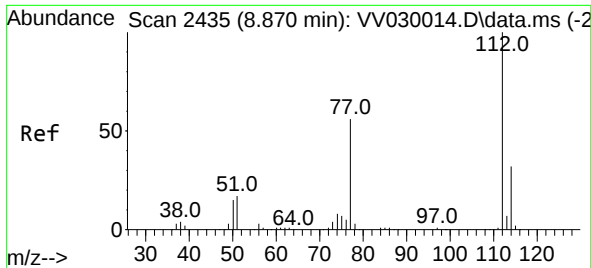
164 100

129 92.0 64.5 119.7

131 88.8 62.9 116.7

166 128.1 90.7 168.5

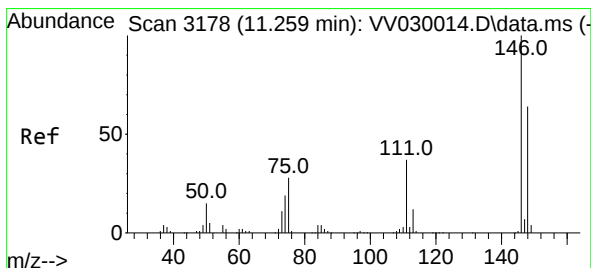
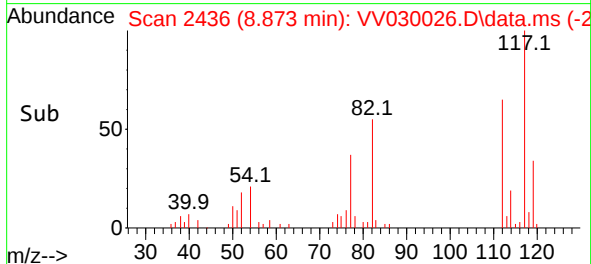
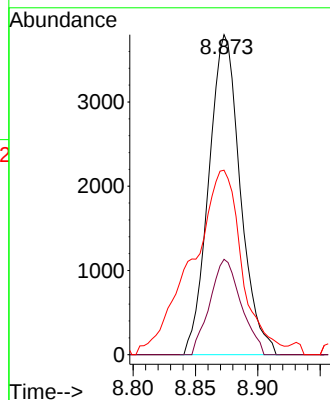
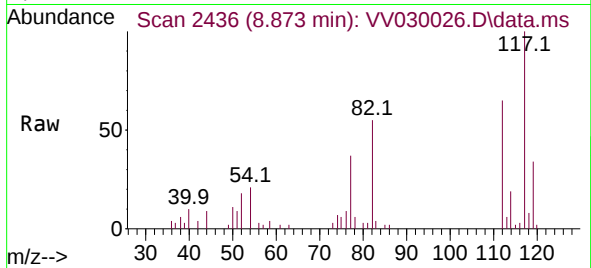




#51
Chlorobenzene
Concen: 0.145 ug/L
RT: 8.873 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV030026.D
Acq: 02 Feb 2023 16:18

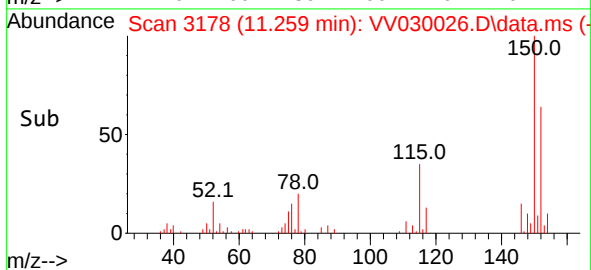
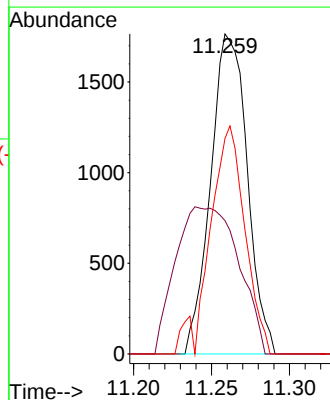
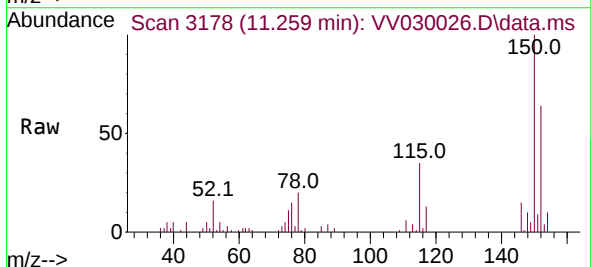
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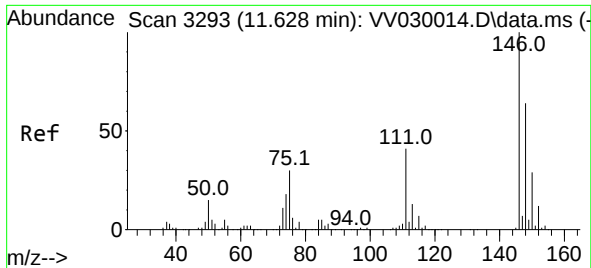
Tgt Ion:112 Resp: 6690
Ion Ratio Lower Upper
112 100
114 29.8 22.5 41.9
77 57.7 46.1 69.1



#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

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# 31

Delta R.T. 0.003 min

Lab File: VV030026.D

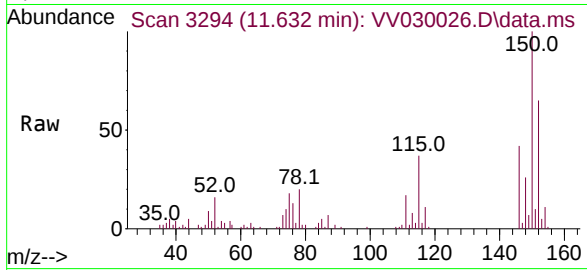
Acq: 02 Feb 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

C1154



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

