

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025201.D
 Acq On : 26 Mar 2022 16:25
 Operator : SY/MD
 Sample : N2083-06DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z9DL

Quant Time: Mar 28 02:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

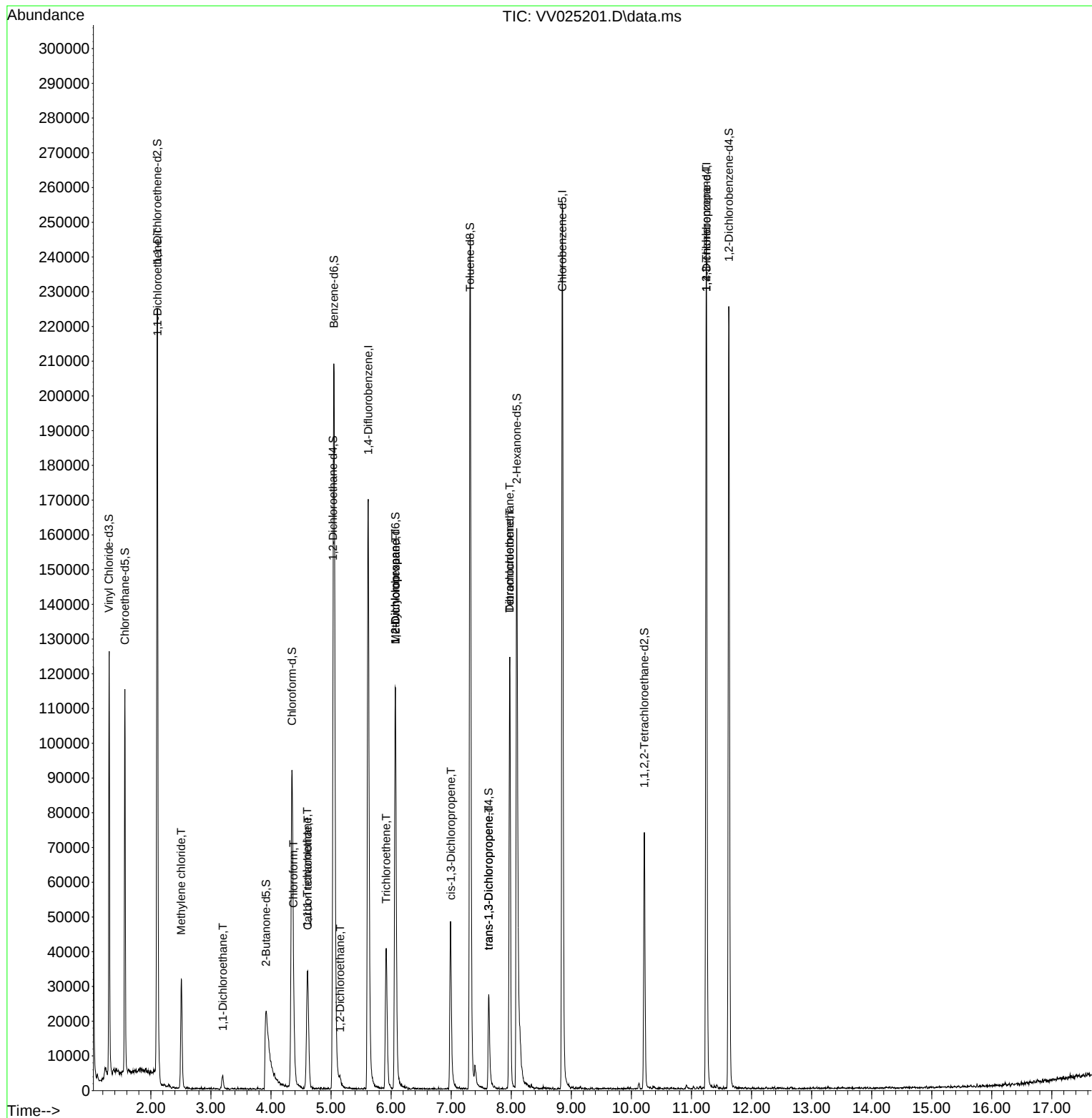
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75714	5.363	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.200%		
7) Chloroethane-d5	1.568	69	65587	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.108	63	115499	3.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.600%		
20) 2-Butanone-d5	3.918	46	58612	41.678	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 83.360%		
24) Chloroform-d	4.349	84	94528	5.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
26) 1,2-Dichloroethane-d4	5.034	65	45421	5.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.600%		
32) Benzene-d6	5.050	84	194049	5.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6	6.072	67	56150	5.487	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.800%		
41) Toluene-d8	7.317	98	167181	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
43) trans-1,3-Dichloroprop...	7.625	79	16973	5.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.600%		
46) 2-Hexanone-d5	8.092	63	62811	52.099	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35757	5.241	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	56149	5.547	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.000%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	1412	0.093	ug/L #	1
16) Methylene chloride	2.507	84	13923	1.165	ug/L	94
19) 1,1-Dichloroethane	3.198	63	4047	0.222	ug/L #	93
25) Chloroform	4.375	83	7316	0.362	ug/L	92
27) 1,2-Dichloroethane	5.150	62	1630	0.156	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	27241	1.561	ug/L	98
31) Carbon tetrachloride	4.613	117	3579	0.237	ug/L	94
34) Trichloroethene	5.918	95	14464	1.244	ug/L	91
35) Methylcyclohexane	6.072	83	14738	0.809	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6024	0.613	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1385	0.109	ug/L #	70
44) trans-1,3-Dichloropropene	7.625	75	919	0.092	ug/L	85
47) Tetrachloroethene	7.976	164	26887	3.137	ug/L	96
49) Dibromochloromethane	7.976	129	24755	3.421	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8216	1.723	ug/L #	65

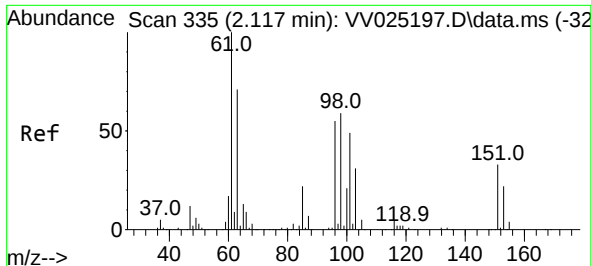
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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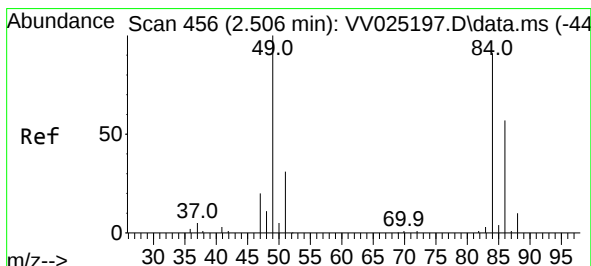
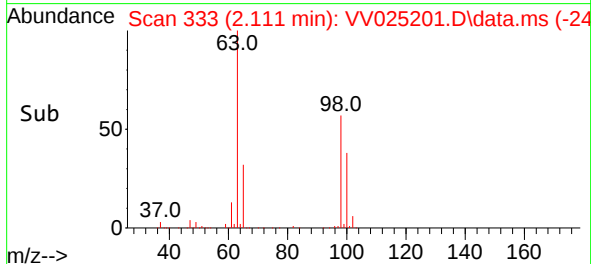
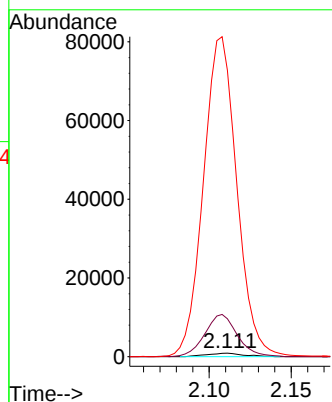
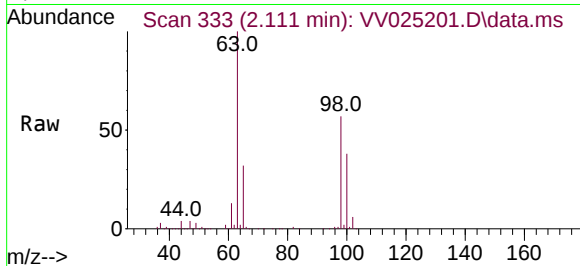




#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

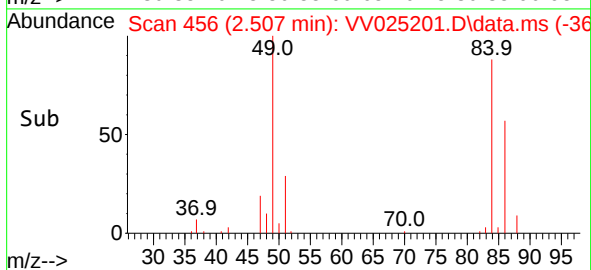
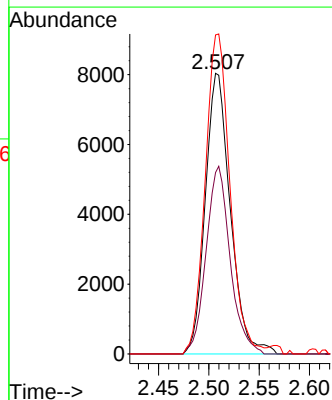
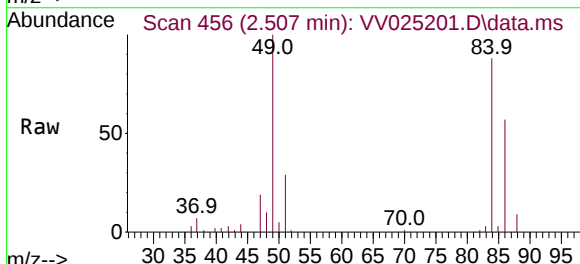
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9DL

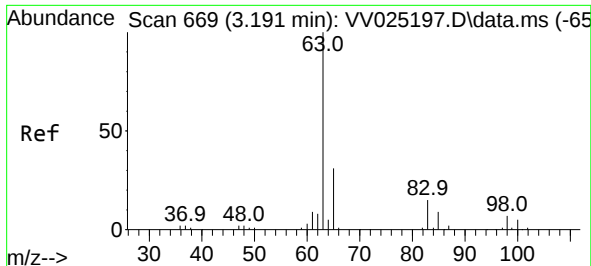
Tgt Ion: 96 Resp: 1412
Ion Ratio Lower Upper
96 100
61 1060.9 121.5 225.7#
63 7998.2 77.9 144.7#



#16
Methylene chloride
Concen: 1.165 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

Tgt Ion: 84 Resp: 13923
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.7
49 113.7 74.5 138.3





#19

1,1-Dichloroethane

Concen: 0.222 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV025201.D

Acq: 26 Mar 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

EW5Z9DL

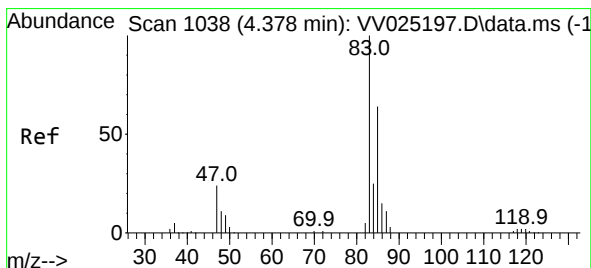
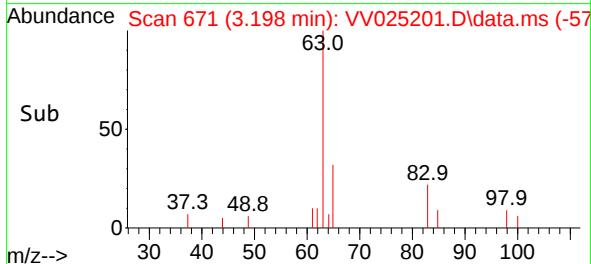
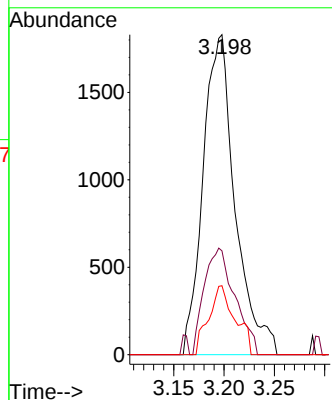
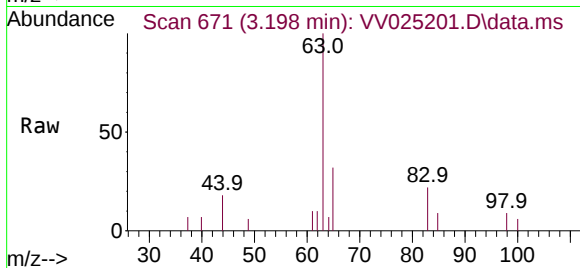
Tgt Ion: 63 Resp: 4047

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 21.5 10.2 19.0#



#25

Chloroform

Concen: 0.362 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025201.D

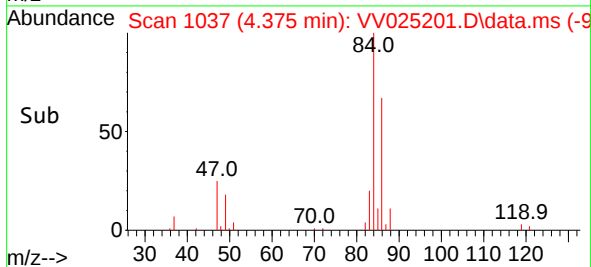
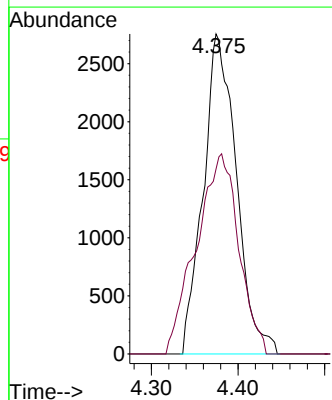
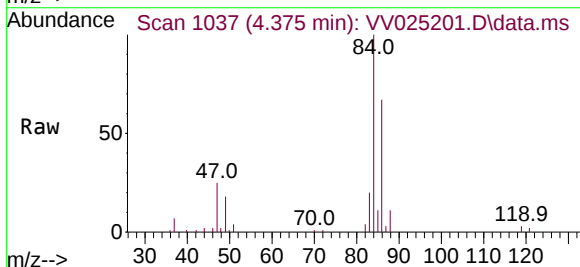
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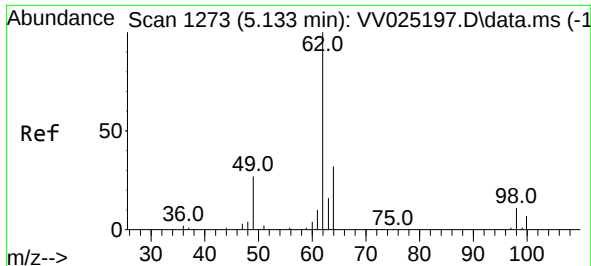
Tgt Ion: 83 Resp: 7316

Ion Ratio Lower Upper

83 100

85 57.8 44.7 82.9

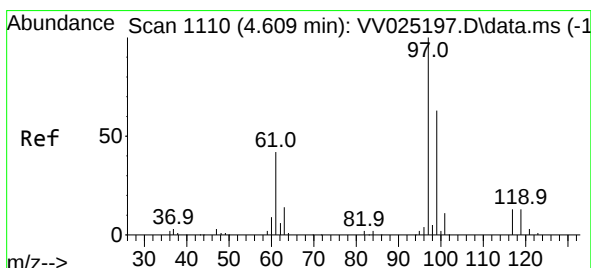
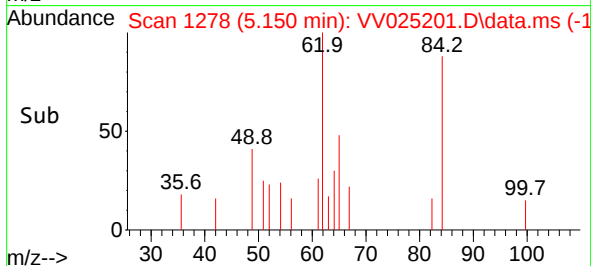
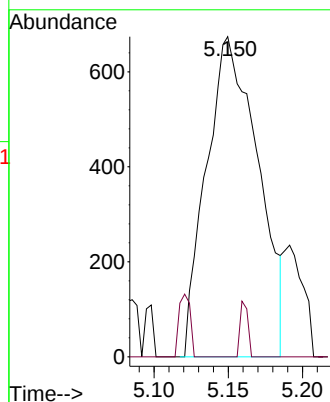
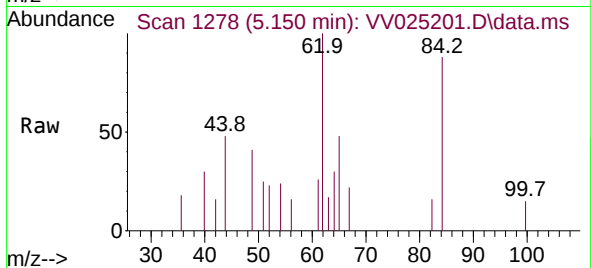




#27
1,2-Dichloroethane
Concen: 0.156 ug/L
RT: 5.150 min Scan# 1109
Delta R.T. 0.016 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

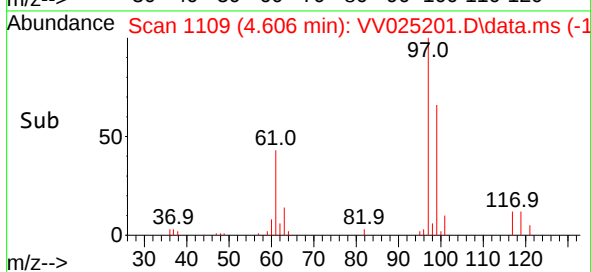
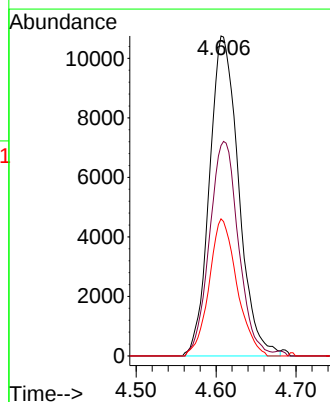
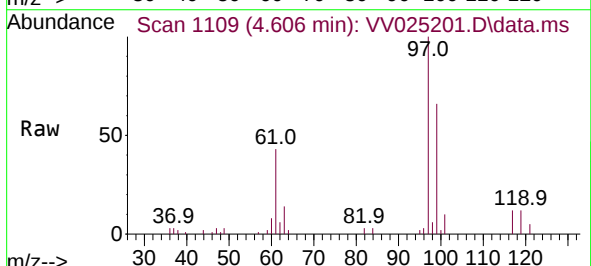
Instrument :
MSVOA_V
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EW5Z9DL

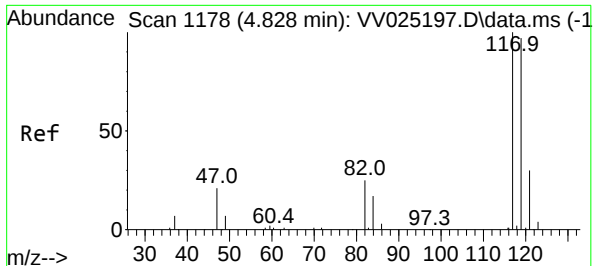
Tgt Ion: 62 Resp: 1630
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#29
1,1,1-Trichloroethane
Concen: 1.561 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

Tgt Ion: 97 Resp: 27241
Ion Ratio Lower Upper
97 100
99 66.6 51.9 77.9
61 40.8 34.2 51.2

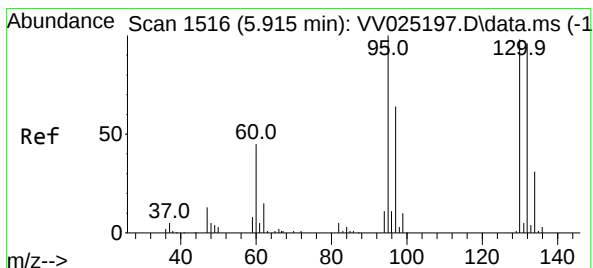
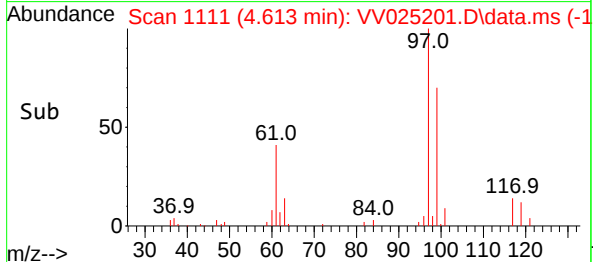
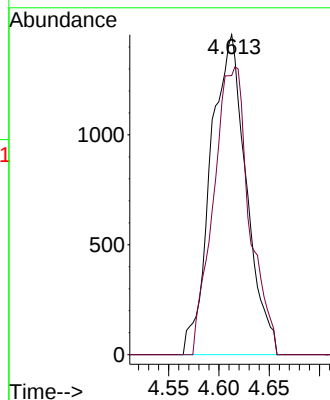
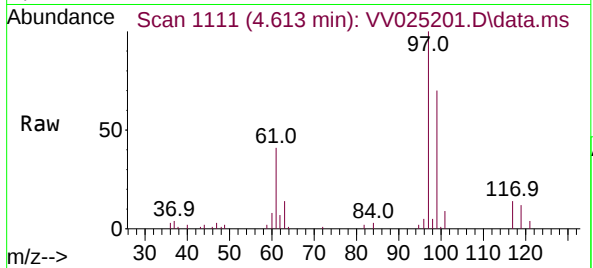




#31
Carbon tetrachloride
Concen: 0.237 ug/L
RT: 4.613 min Scan# 1178
Delta R.T. -0.215 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

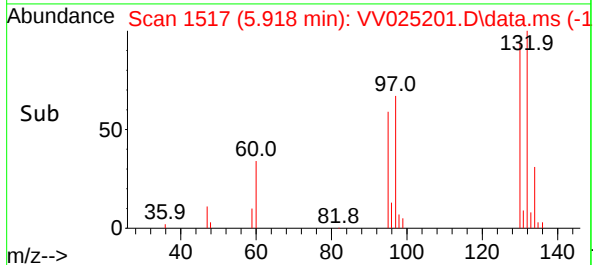
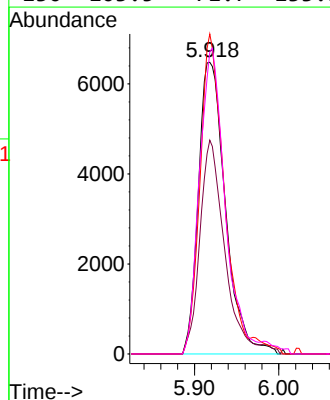
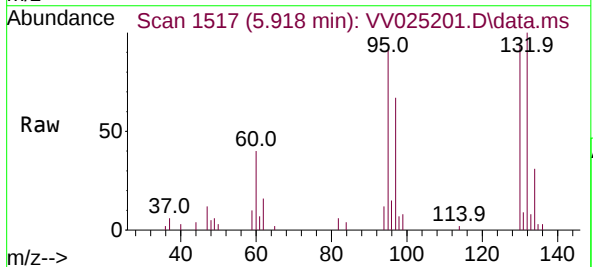
Instrument :
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ClientSampleId :
EW5Z9DL

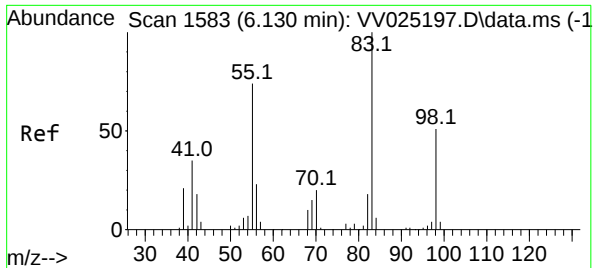
Tgt Ion:117 Resp: 3579
Ion Ratio Lower Upper
117 100
119 90.9 77.8 116.6



#34
Trichloroethene
Concen: 1.244 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV025201.D
Acq: 26 Mar 2022 16:25

Tgt Ion: 95 Resp: 14464
Ion Ratio Lower Upper
95 100
97 73.3 46.3 85.9
132 109.7 65.2 121.2
130 103.5 71.7 133.1





#35

Methylcyclohexane

Concen: 0.809 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025201.D

Acq: 26 Mar 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

EW5Z9DL

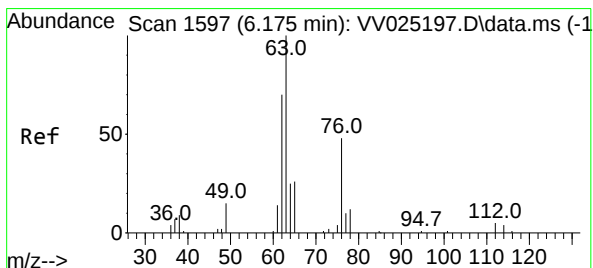
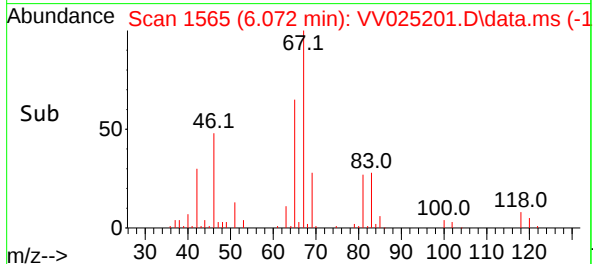
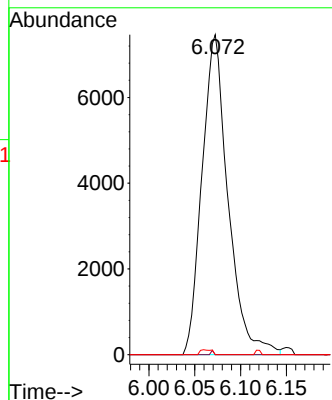
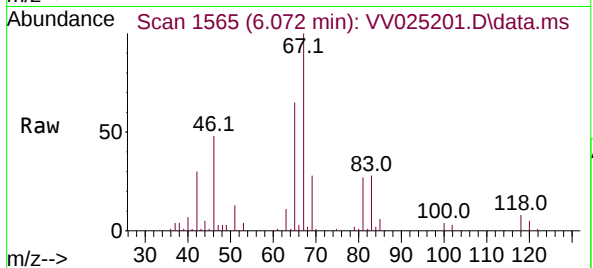
Tgt Ion: 83 Resp: 14738

Ion Ratio Lower Upper

83 100

55 0.1 54.6 81.8#

98 0.7 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025201.D

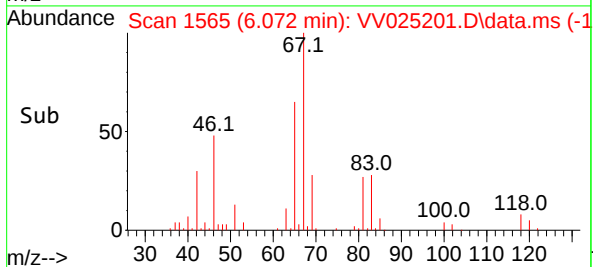
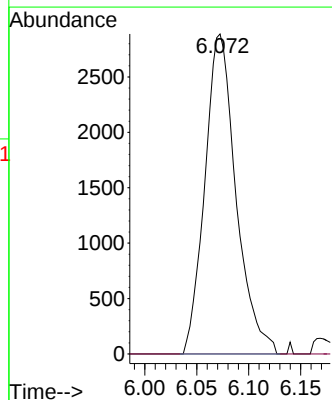
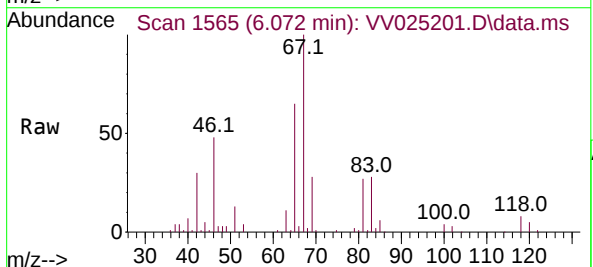
Acq: 26 Mar 2022 16:25

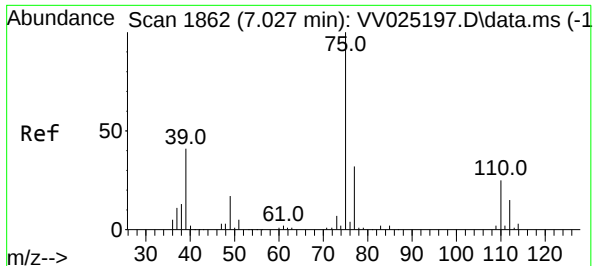
Tgt Ion: 63 Resp: 6024

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025201.D

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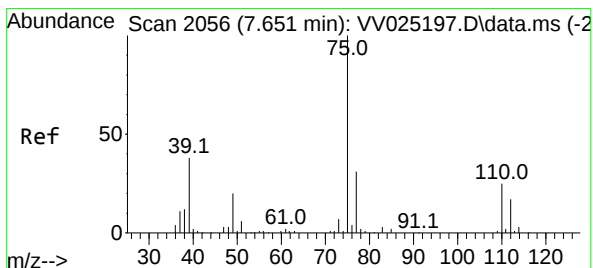
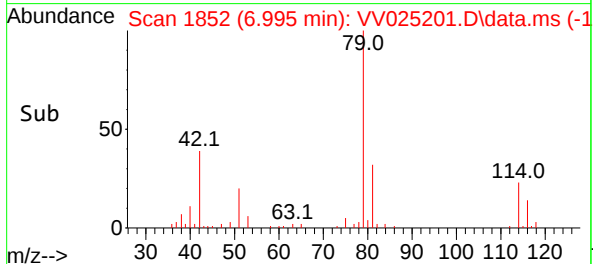
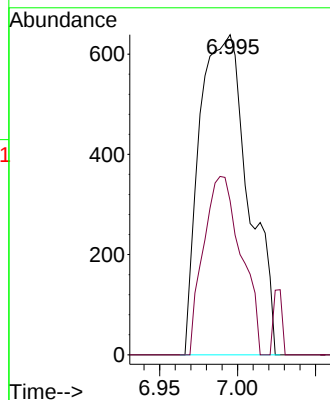
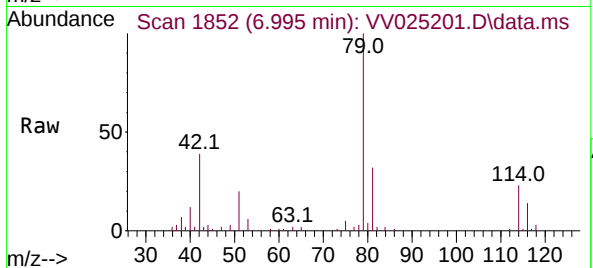
EW5Z9DL

Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

77 48.0 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV025201.D

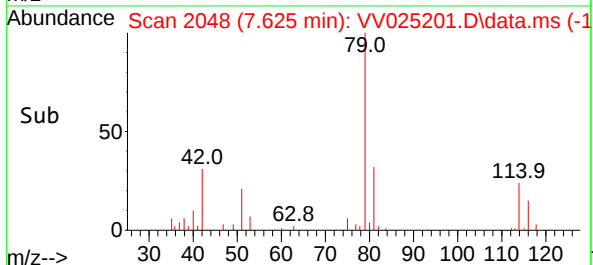
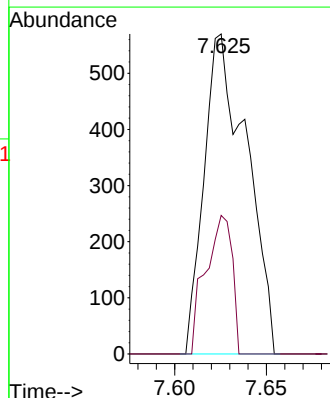
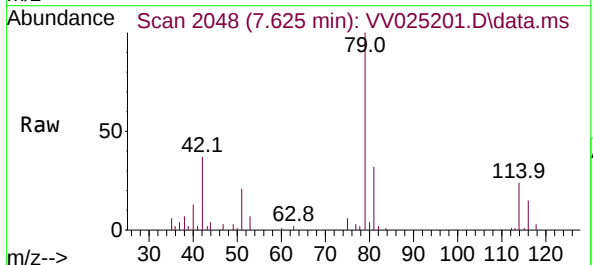
Acq: 26 Mar 2022 16:25

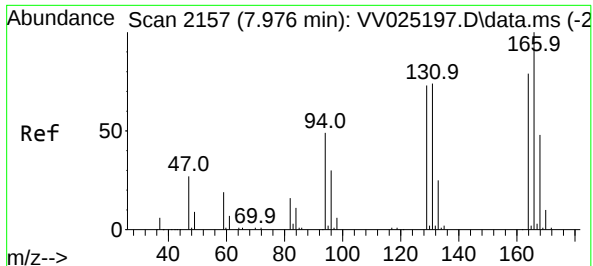
Tgt Ion: 75 Resp: 919

Ion Ratio Lower Upper

75 100

77 43.3 24.2 45.0





#47

Tetrachloroethene

Concen: 3.137 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025201.D

Acq: 26 Mar 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 26887

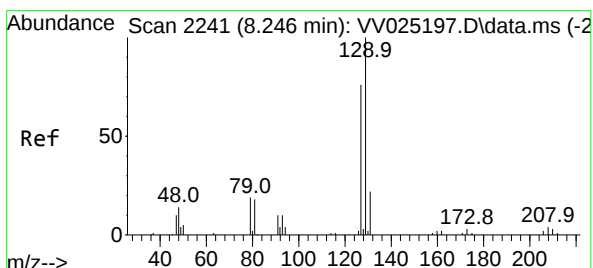
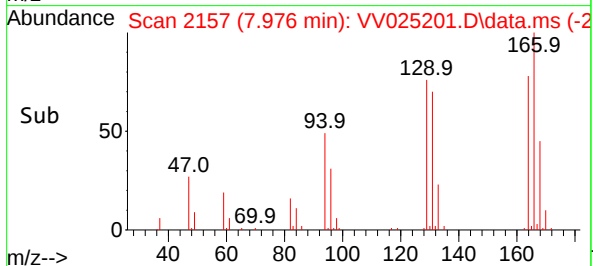
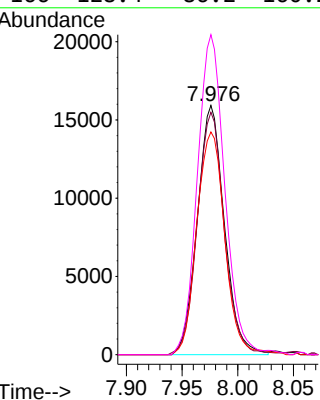
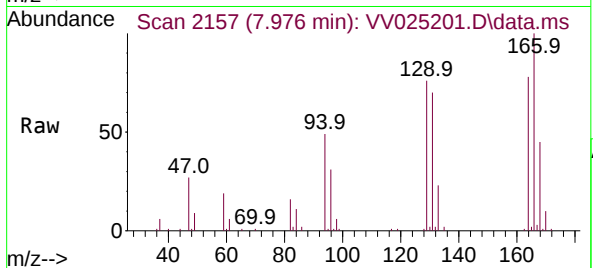
Ion Ratio Lower Upper

164 100

129 97.3 67.5 125.4

131 89.4 68.0 126.4

166 128.4 86.2 160.2



#49

Dibromochloromethane

Concen: 3.421 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025201.D

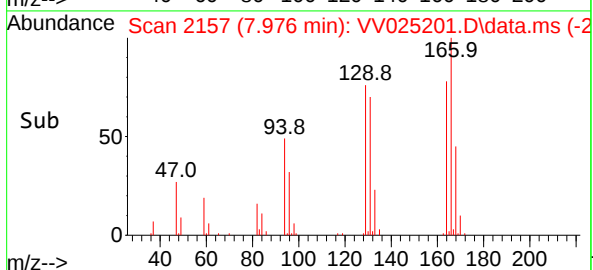
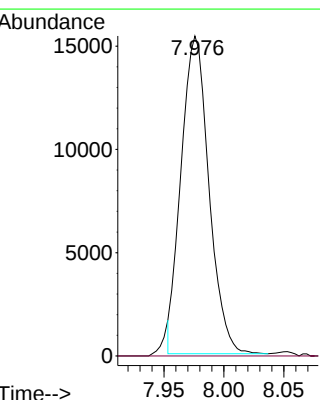
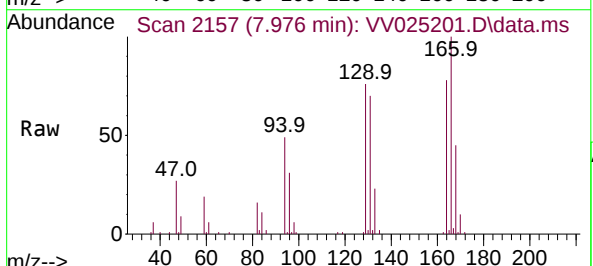
Acq: 26 Mar 2022 16:25

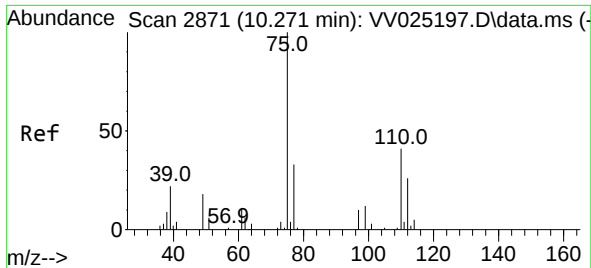
Tgt Ion:129 Resp: 24755

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.723 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025201.D
 Acq: 26 Mar 2022 16:25

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z9DL

Tgt Ion: 75 Resp: 8216
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 110 2.2 31.6 47.4#

