

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025213.D
 Acq On : 26 Mar 2022 21:07
 Operator : SY/MD
 Sample : N2097-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD6

Quant Time: Mar 28 02:04:16 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

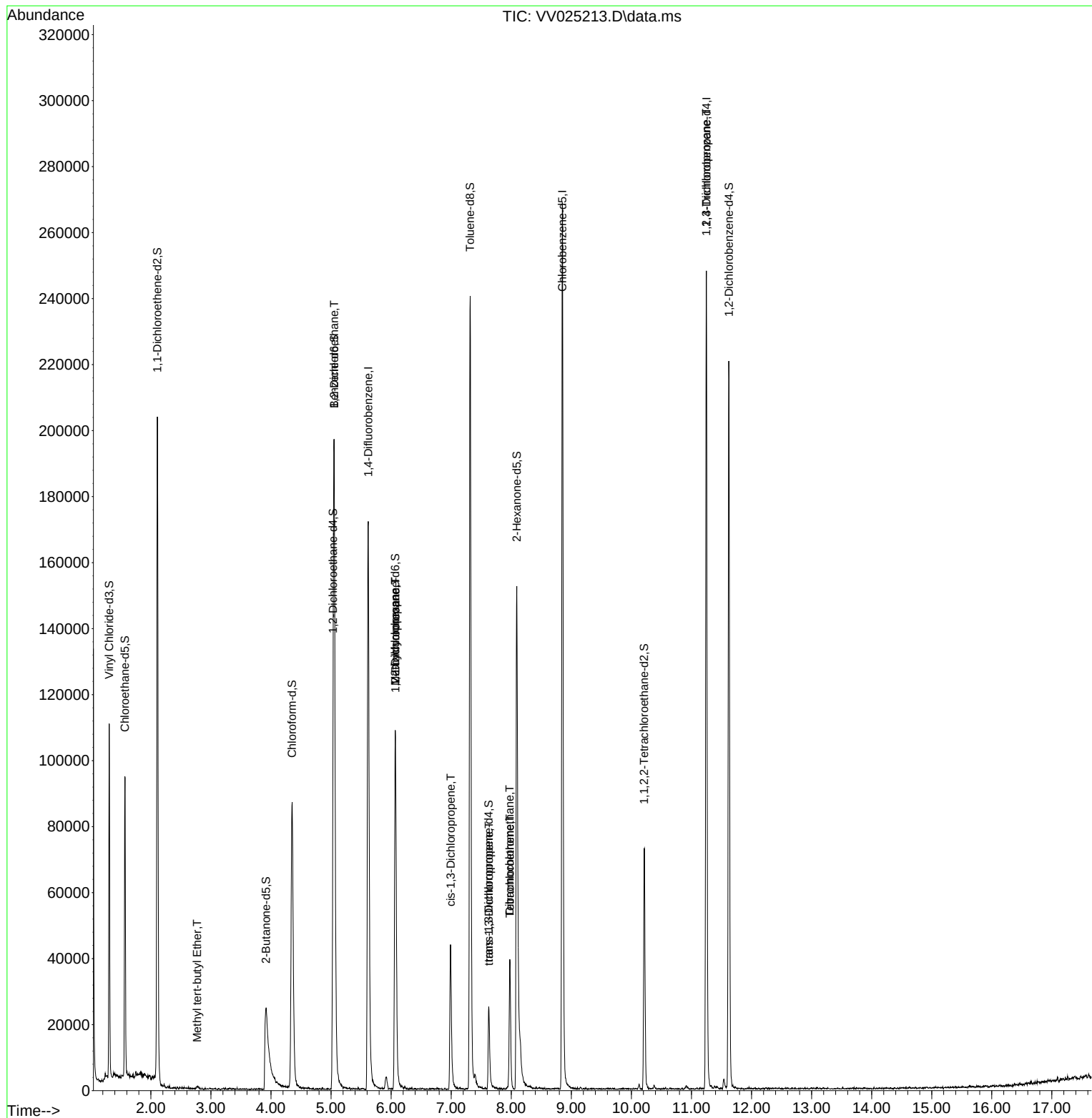
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153566	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66485	4.635	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.568	69	57363	4.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.108	63	104677	3.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.918	46	68304	47.803	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.600%	
24) Chloroform-d	4.352	84	92131	4.922	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.034	65	42890	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.053	84	185525	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.069	67	53354	4.956	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.317	98	163353	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14975	4.264	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.091	63	60136	47.409	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.820%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33872	4.719	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54954	5.323	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	886	0.045	ug/L #	86
27) 1,2-Dichloroethane	5.053	62	1155	0.109	ug/L #	73
35) Methylcyclohexane	6.069	83	13114	0.684	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6159	0.596	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1236	0.092	ug/L #	62
44) trans-1,3-Dichloropropene	7.628	75	821	0.078	ug/L	90
47) Tetrachloroethene	7.979	164	8287	0.919	ug/L	94
49) Dibromochloromethane	7.976	129	8162	1.072	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8211	1.688	ug/L #	63

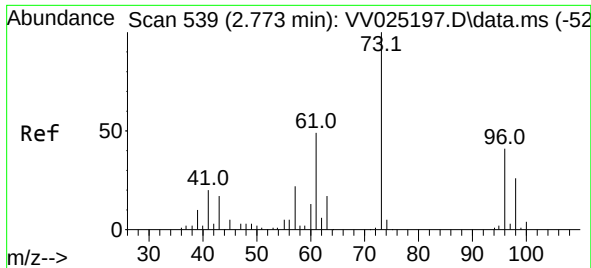
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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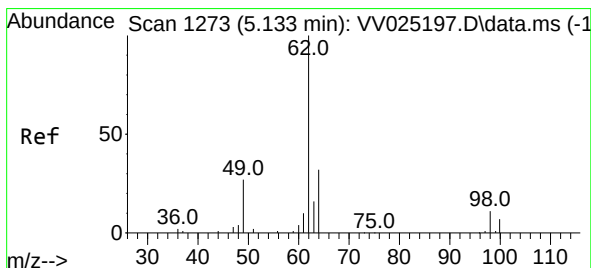
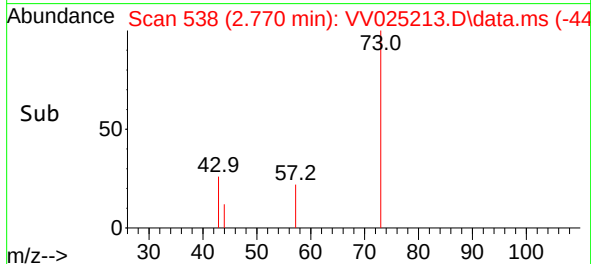
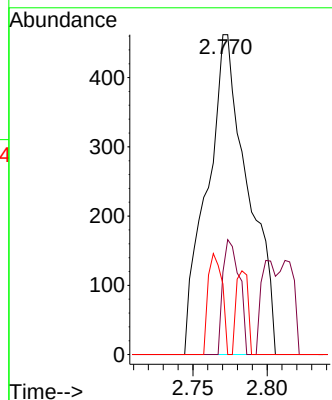
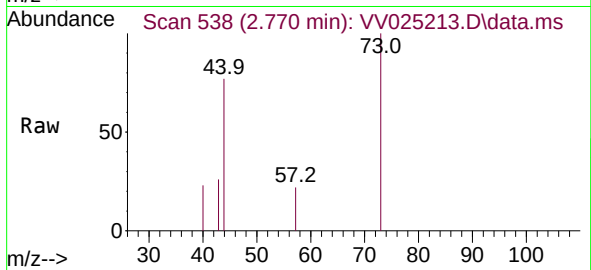




#17
Methyl tert-butyl Ether
Concen: 0.045 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025213.D
Acq: 26 Mar 2022 21:07

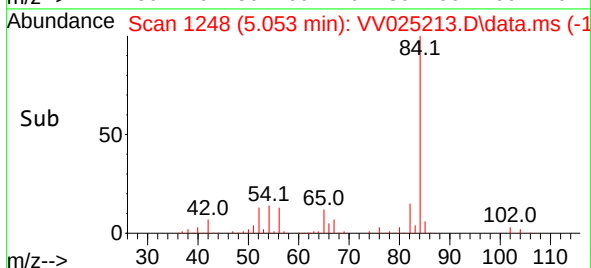
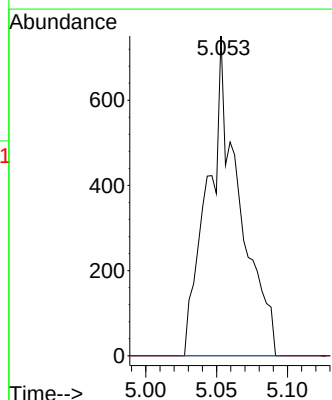
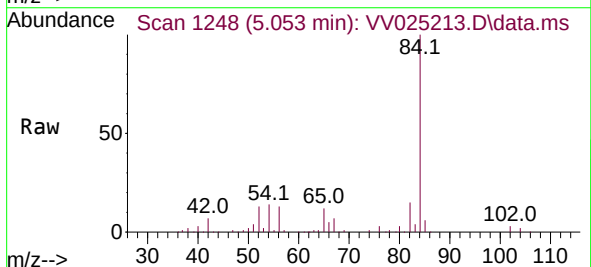
Instrument :
MSVOA_V
ClientSampleId :
C0AD6

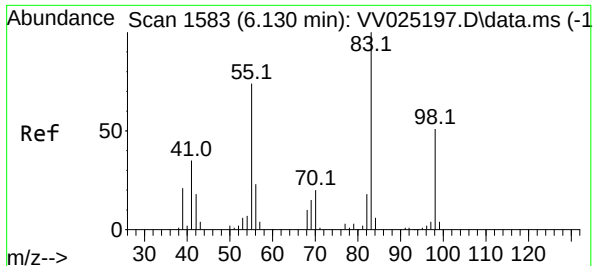
Tgt Ion: 73 Resp: 886
Ion Ratio Lower Upper
73 100
43 14.4 13.5 20.3
57 10.7 16.4 24.6#



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.080 min
Lab File: VV025213.D
Acq: 26 Mar 2022 21:07

Tgt Ion: 62 Resp: 1155
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV025213.D

Acq: 26 Mar 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

C0AD6

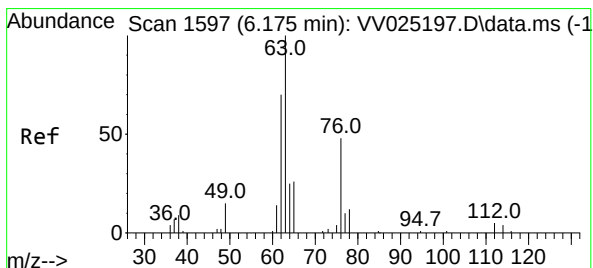
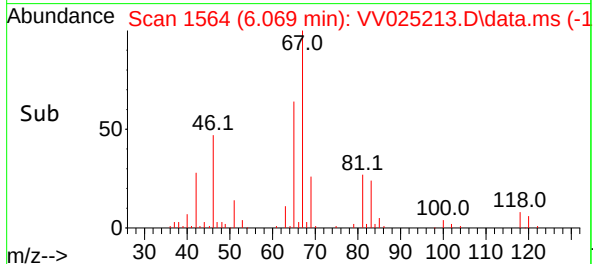
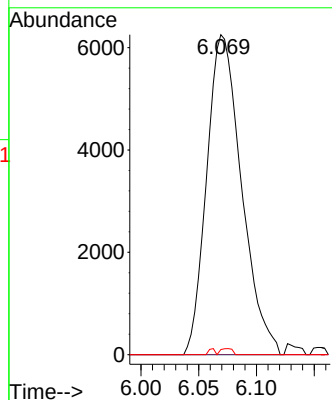
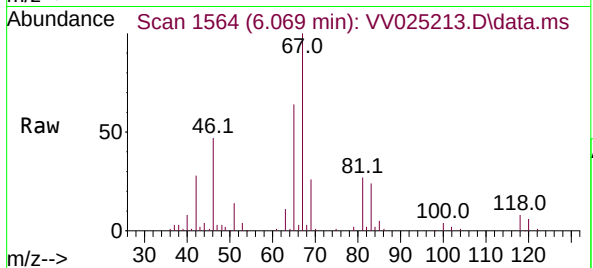
Tgt Ion: 83 Resp: 13114

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.6 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025213.D

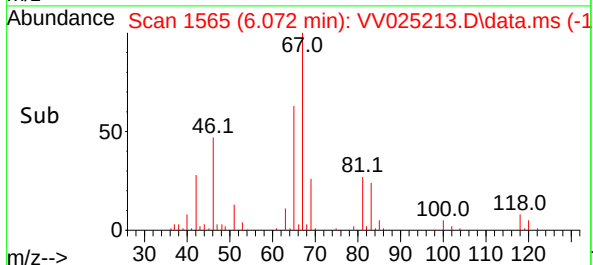
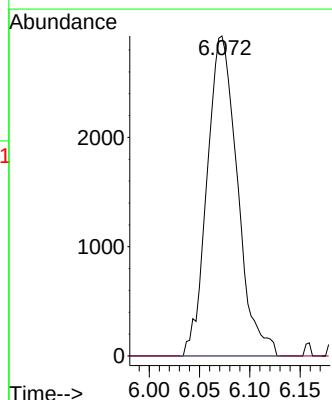
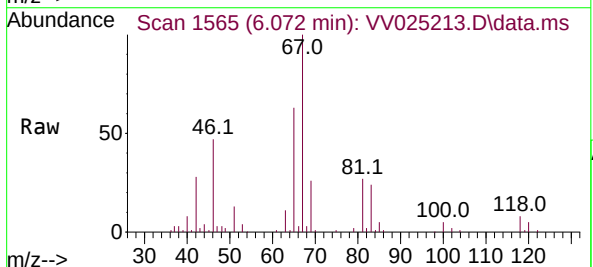
Acq: 26 Mar 2022 21:07

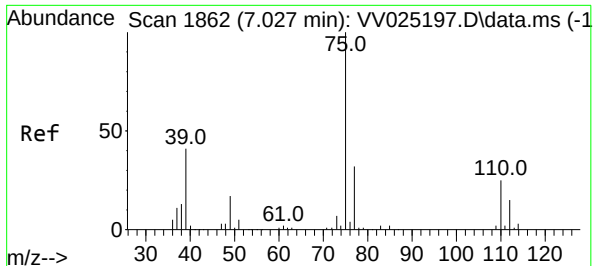
Tgt Ion: 63 Resp: 6159

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025213.D

Acq: 26 Mar 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

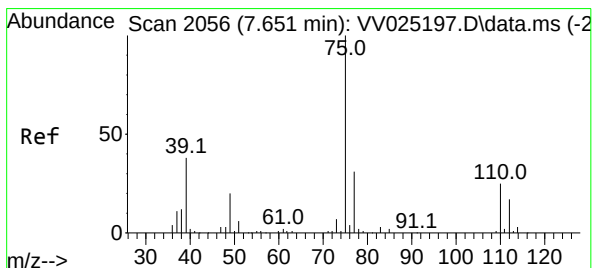
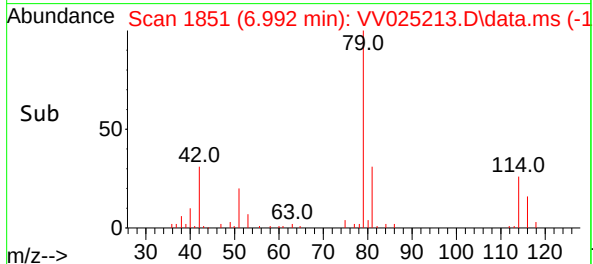
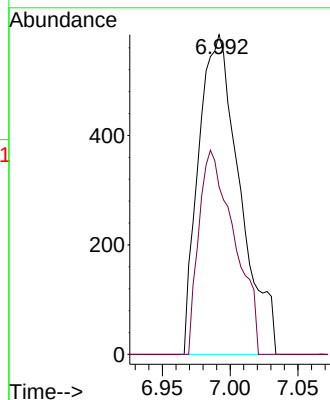
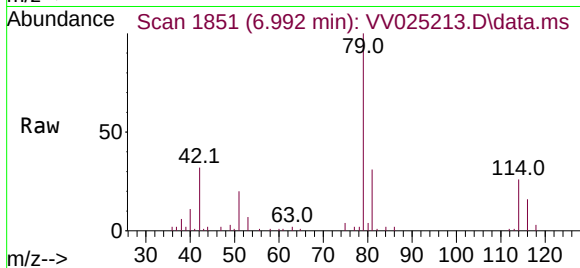
C0AD6

Tgt Ion: 75 Resp: 1236

Ion Ratio Lower Upper

75 100

77 52.4 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.022 min

Lab File: VV025213.D

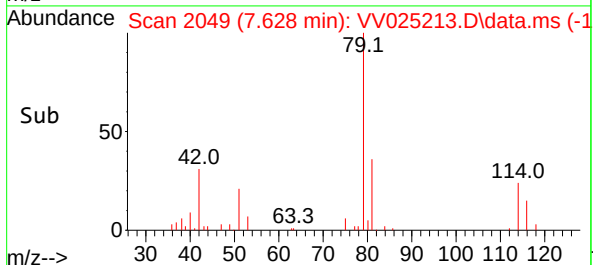
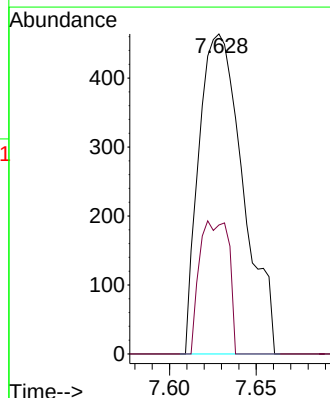
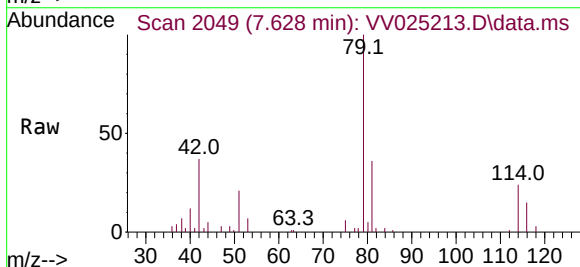
Acq: 26 Mar 2022 21:07

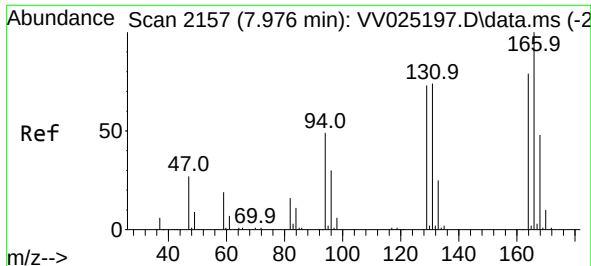
Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

77 40.3 24.2 45.0





#47

Tetrachloroethene

Concen: 0.919 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025213.D

Acq: 26 Mar 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

C0AD6

Tgt Ion:164 Resp: 8287

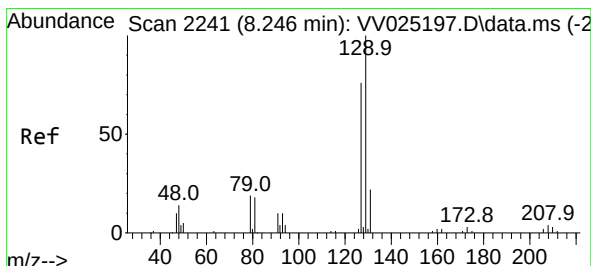
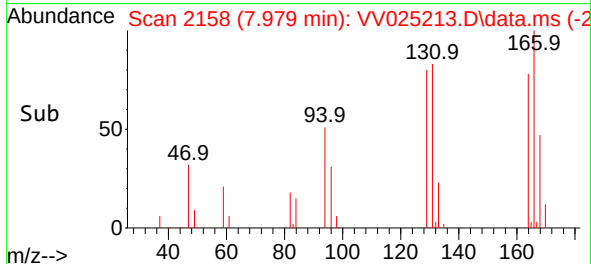
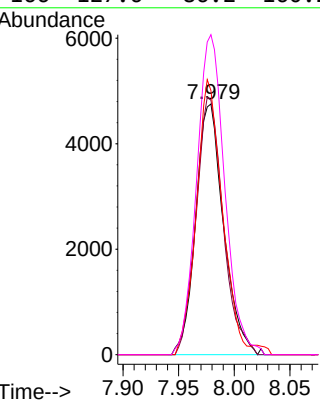
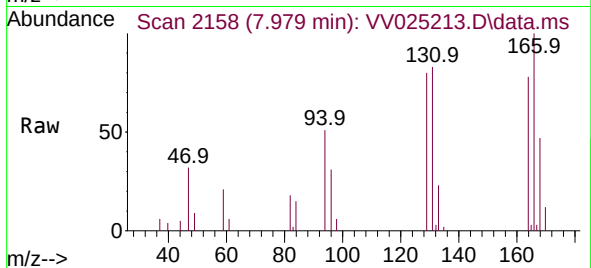
Ion Ratio Lower Upper

164 100

129 101.5 67.5 125.4

131 105.3 68.0 126.4

166 127.6 86.2 160.2



#49

Dibromochloromethane

Concen: 1.072 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025213.D

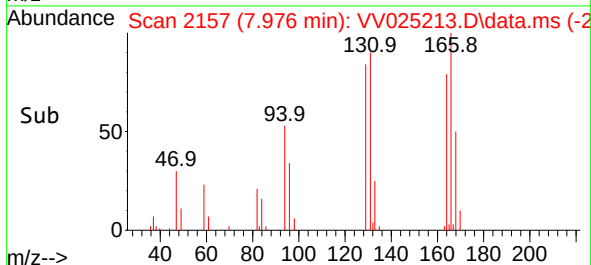
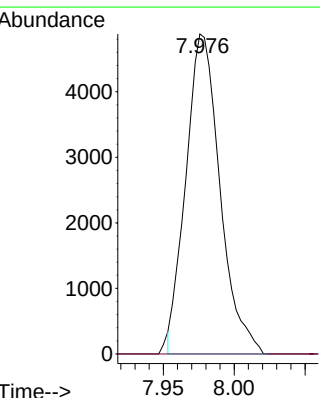
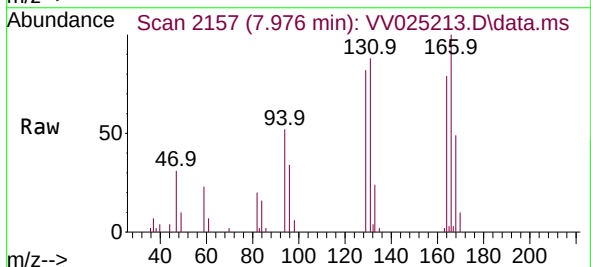
Acq: 26 Mar 2022 21:07

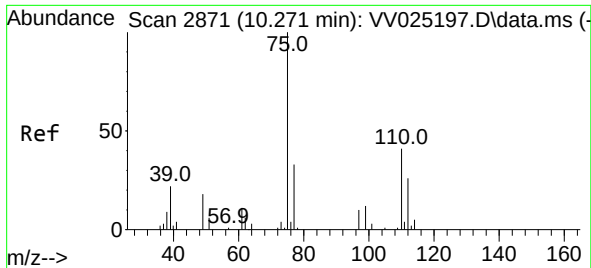
Tgt Ion:129 Resp: 8162

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61

1,2,3-Trichloropropane

Concen: 1.688 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025213.D

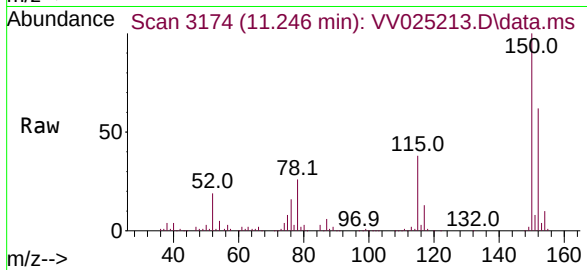
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Tgt Ion: 75 Resp: 8211

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6

110 2.0 31.6 47.4#

