

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025225.D
 Acq On : 27 Mar 2022 02:11
 Operator : SY/MD
 Sample : N2097-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

Quant Time: Mar 28 03:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

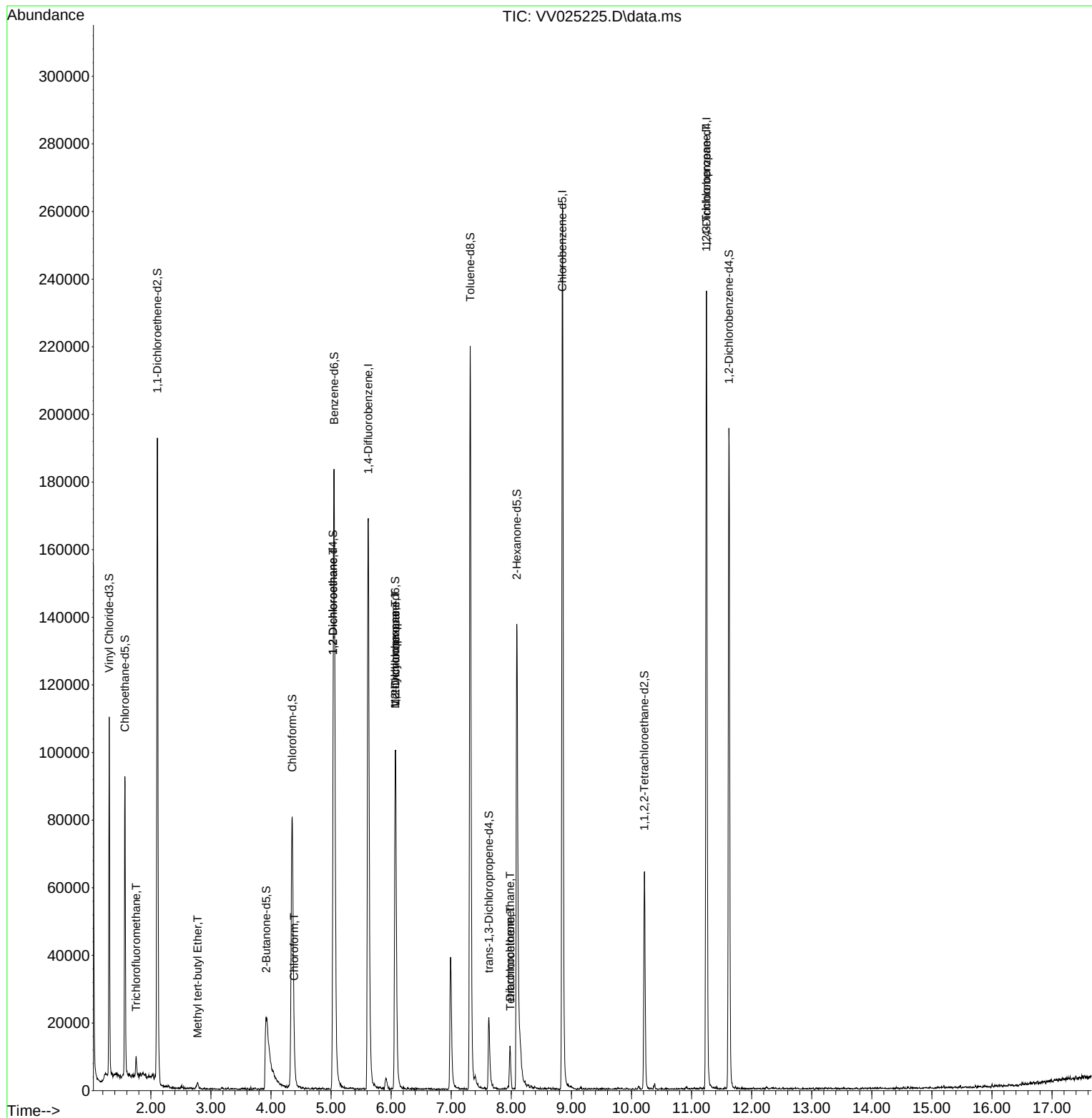
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62674	4.414	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.568	69	54047	4.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.108	63	100220	3.258	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.918	46	51725	36.567	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.140%	
24) Chloroform-d	4.352	84	83951	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.034	65	39419	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.050	84	171596	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	49422	4.703	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.317	98	150265	4.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13716	4.001	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.092	63	51977	41.980	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30441	4.344	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49426	5.030	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	2860	0.106	ug/L	98
17) Methyl tert-butyl Ether	2.777	73	1816	0.094	ug/L #	85
25) Chloroform	4.384	83	3975	0.195	ug/L	85
27) 1,2-Dichloroethane	5.034	62	590	0.056	ug/L #	73
35) Methylcyclohexane	6.069	83	12404	0.663	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5938	0.589	ug/L #	84
47) Tetrachloroethene	7.985	164	2779	0.316	ug/L	90
49) Dibromochloromethane	7.979	129	2614	0.352	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7892	1.705	ug/L #	64

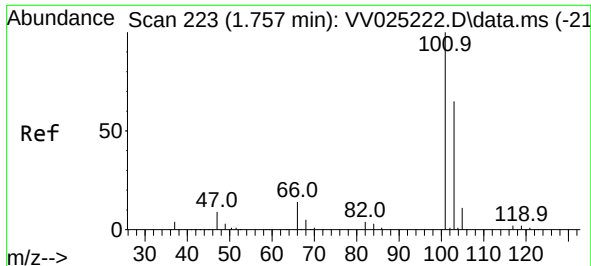
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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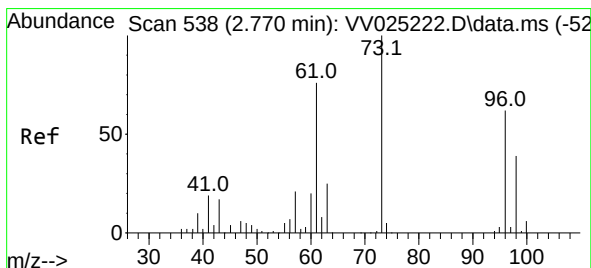
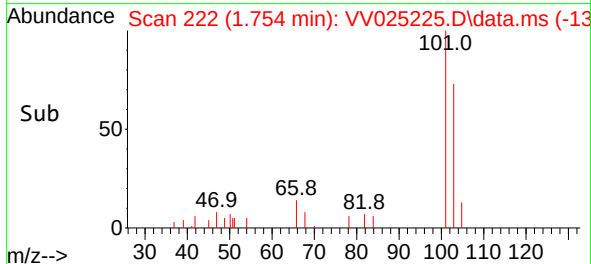
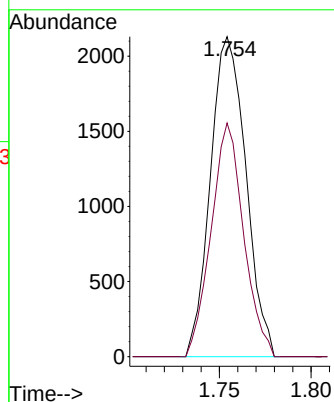
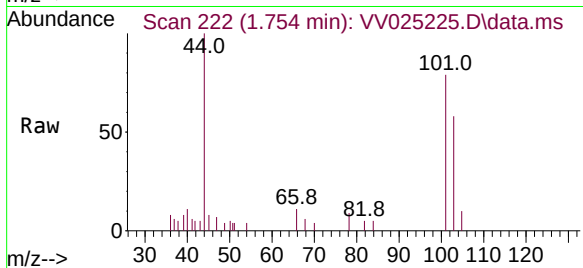




#9
 Trichlorofluoromethane
 Concen: 0.106 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025225.D
 Acq: 27 Mar 2022 02:11

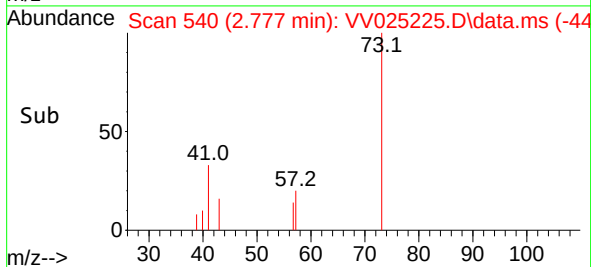
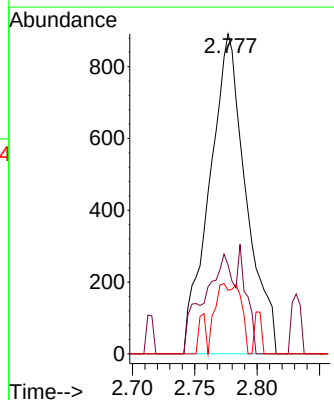
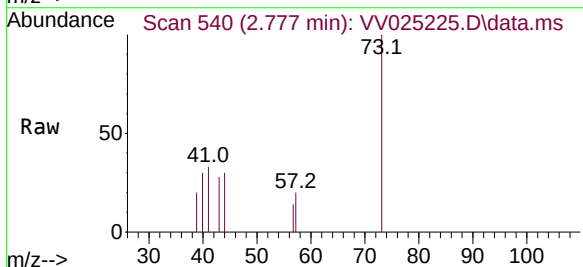
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

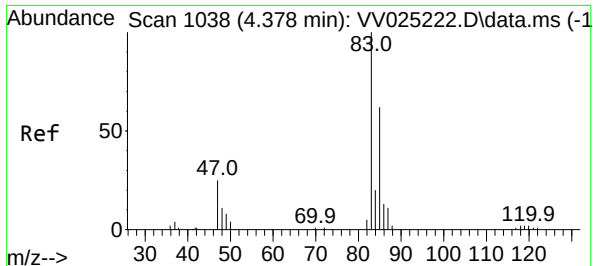
Tgt Ion:101 Resp: 2860
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.2 78.2



#17
 Methyl tert-butyl Ether
 Concen: 0.094 ug/L
 RT: 2.777 min Scan# 540
 Delta R.T. 0.007 min
 Lab File: VV025225.D
 Acq: 27 Mar 2022 02:11

Tgt Ion: 73 Resp: 1816
 Ion Ratio Lower Upper
 73 100
 43 25.6 13.5 20.3#
 57 15.4 16.4 24.6#





#25

Chloroform

Concen: 0.195 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025225.D

Acq: 27 Mar 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

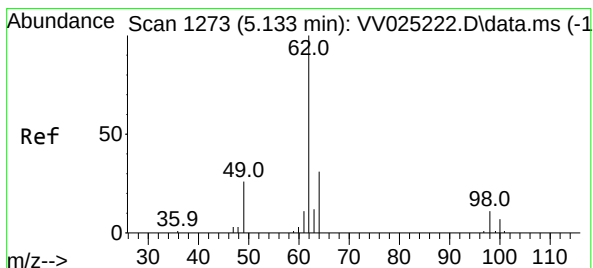
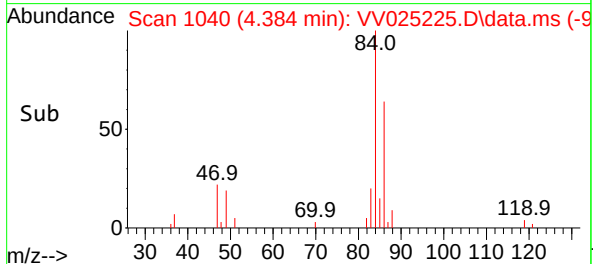
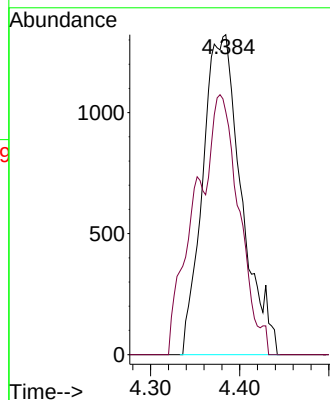
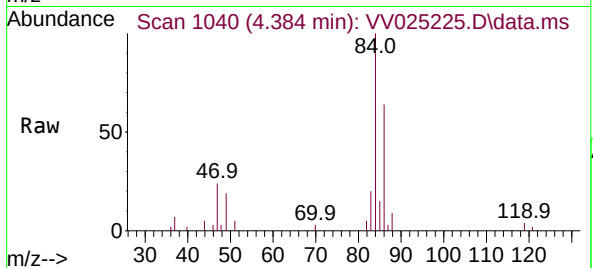
C0AE7

Tgt Ion: 83 Resp: 3975

Ion Ratio Lower Upper

83 100

85 75.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.056 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.100 min

Lab File: VV025225.D

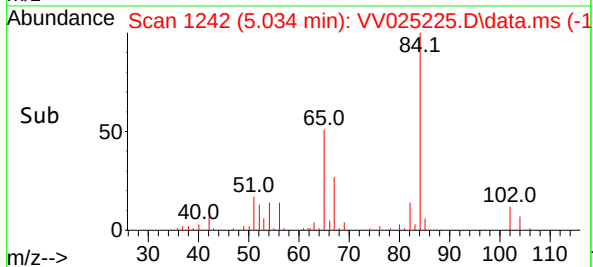
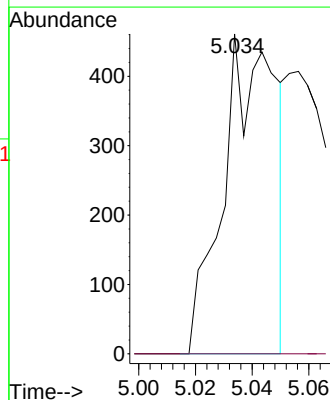
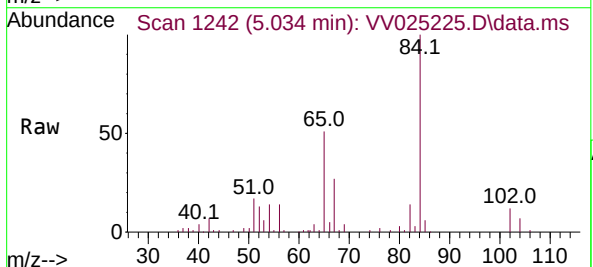
Acq: 27 Mar 2022 02:11

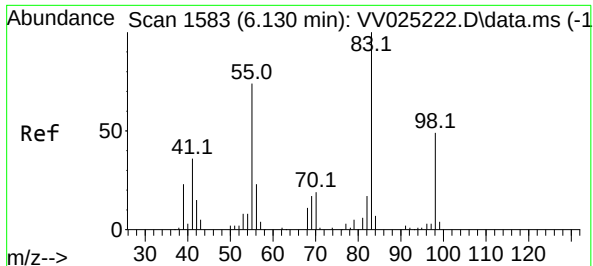
Tgt Ion: 62 Resp: 590

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025225.D

Acq: 27 Mar 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

C0AE7

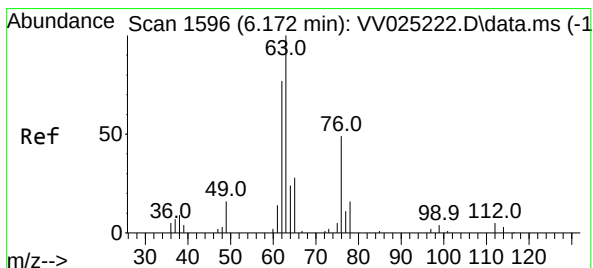
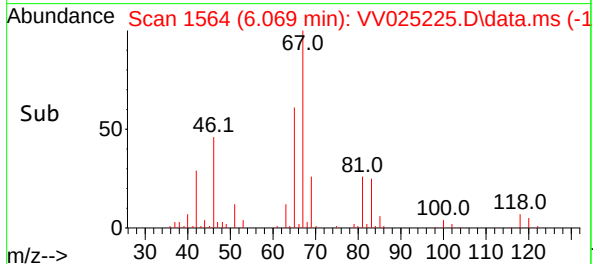
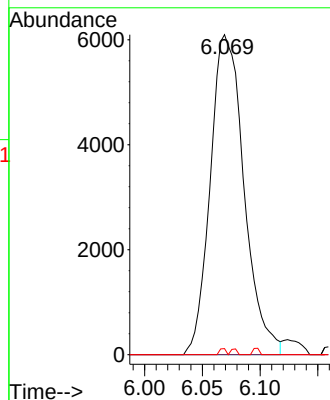
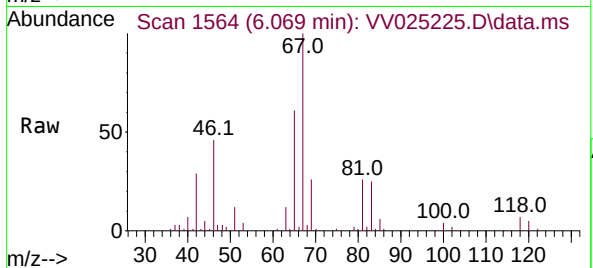
Tgt Ion: 83 Resp: 12404

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.3 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025225.D

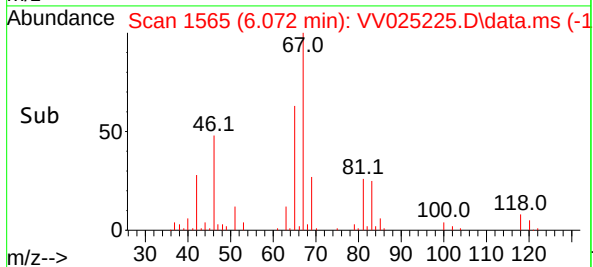
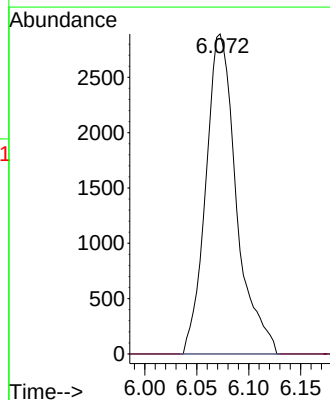
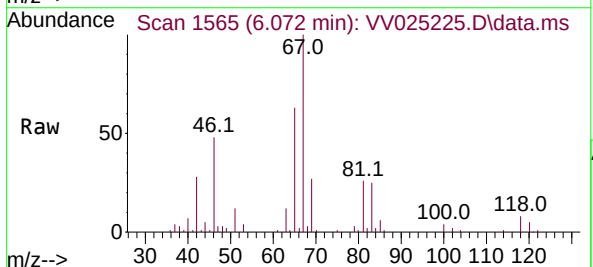
Acq: 27 Mar 2022 02:11

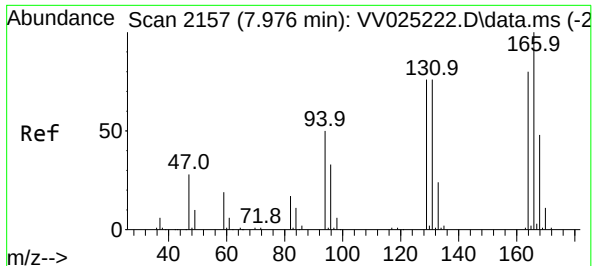
Tgt Ion: 63 Resp: 5938

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#47

Tetrachloroethene

Concen: 0.316 ug/L

RT: 7.985 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV025225.D

Acq: 27 Mar 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

C0AE7

Tgt Ion:164 Resp: 2779

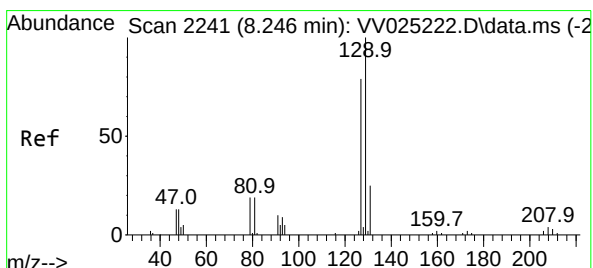
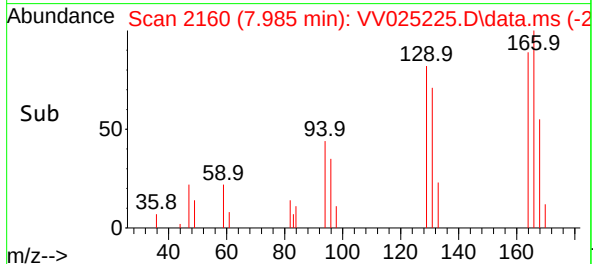
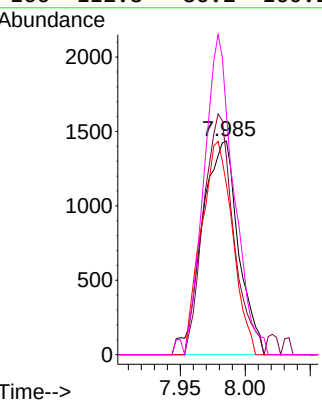
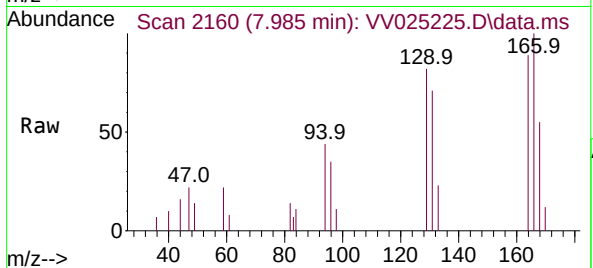
Ion Ratio Lower Upper

164 100

129 92.5 67.5 125.4

131 79.7 68.0 126.4

166 112.8 86.2 160.2



#49

Dibromochloromethane

Concen: 0.352 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV025225.D

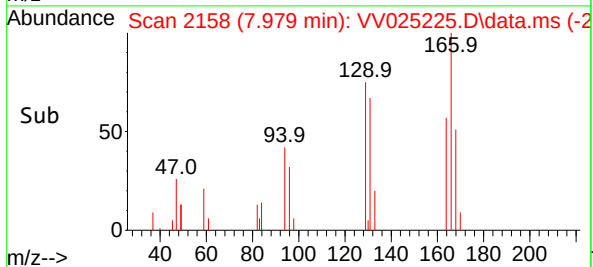
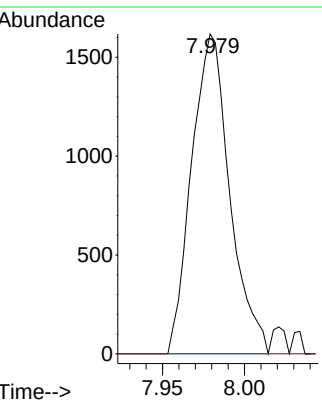
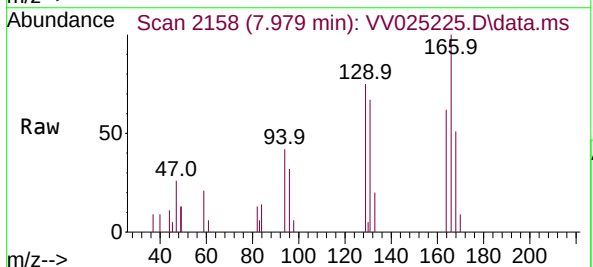
Acq: 27 Mar 2022 02:11

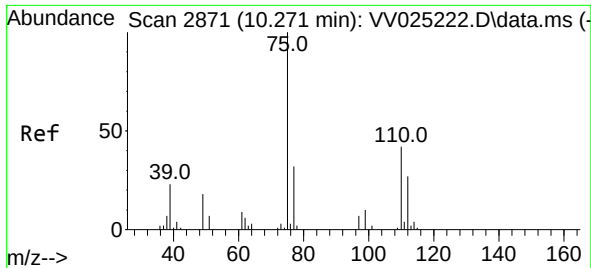
Tgt Ion:129 Resp: 2614

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.705 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025225.D
 Acq: 27 Mar 2022 02:11

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Tgt Ion: 75 Resp: 7892
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.8 38.6
 110 3.1 31.6 47.4#

