

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025142.D
 Acq On : 23 Mar 2022 19:27
 Operator : SY/MD
 Sample : N2083-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:19:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

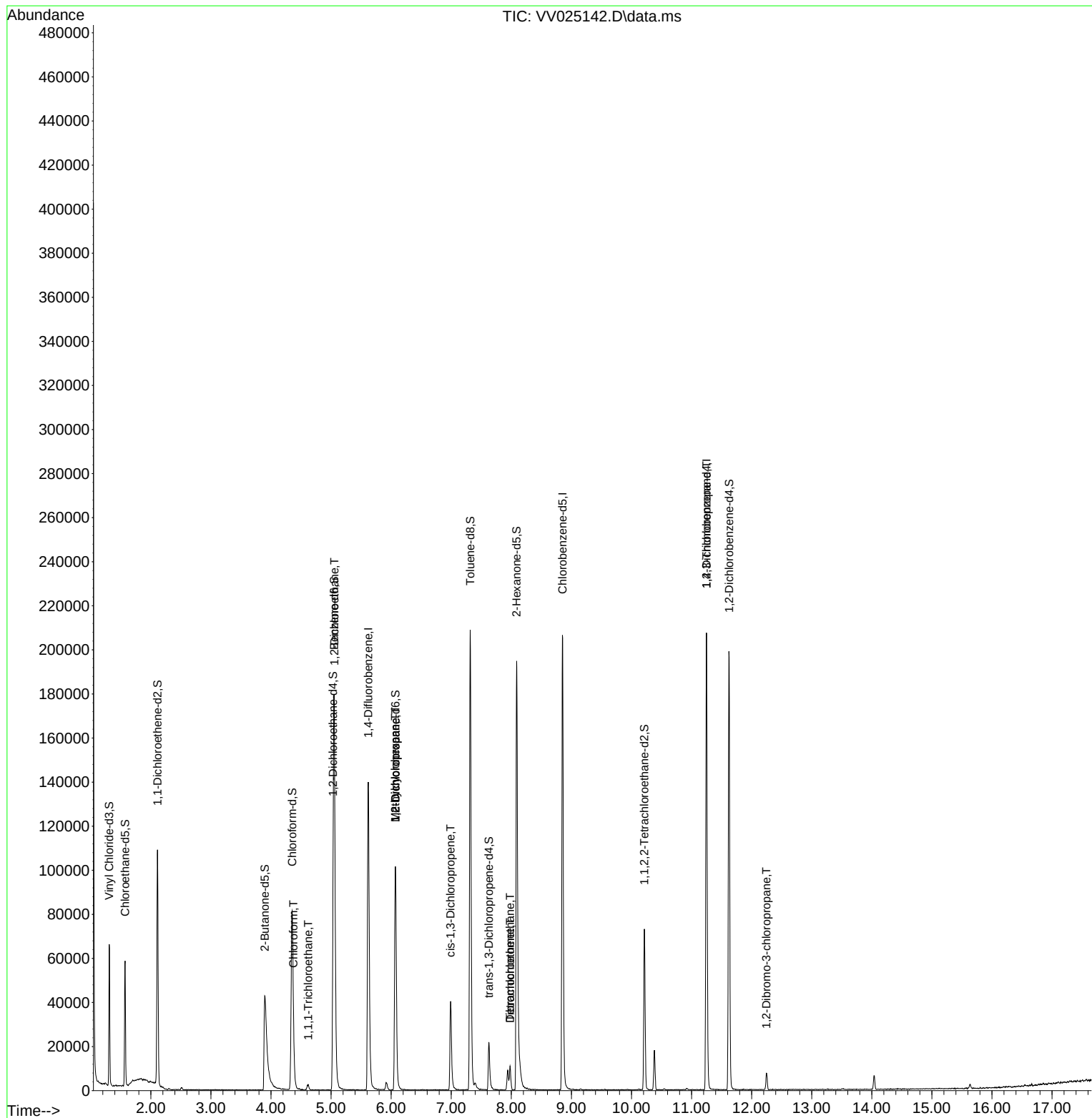
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41373	4.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.571	69	37051	5.049	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.111	63	55206	3.409	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.200%	
20) 2-Butanone-d5	3.896	46	91244	75.341	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	150.680%#	
24) Chloroform-d	4.352	84	88234	5.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.034	65	39007	5.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.200%	
32) Benzene-d6	5.050	84	172656	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.072	67	54229	5.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.317	98	146544	4.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14830	4.182	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.088	63	76073	62.887	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37000	6.182	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	123.600%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	51268	5.538	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						Qvalue
25) Chloroform	4.375	83	1953	0.113	ug/L	100
27) 1,2-Dichloroethane	5.053	62	802	0.094	ug/L #	71
29) 1,1,1-Trichloroethane	4.619	97	2334	0.150	ug/L	95
35) Methylcyclohexane	6.069	83	13231	0.791	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	5455	0.598	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1048	0.083	ug/L	92
47) Tetrachloroethene	7.979	164	2390	0.322	ug/L	93
49) Dibromochloromethane	7.982	129	2548	0.374	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	7144	1.553	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.246	75	243	0.308	ug/L #	1

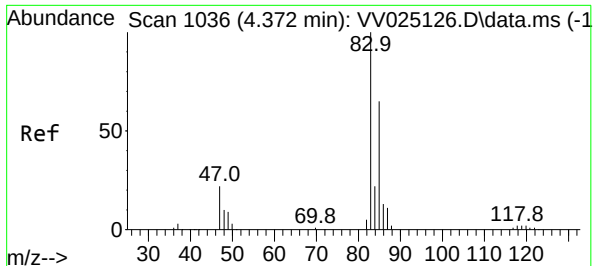
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.113 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025142.D

Acq: 23 Mar 2022 19:27

Instrument :

MSVOA_V

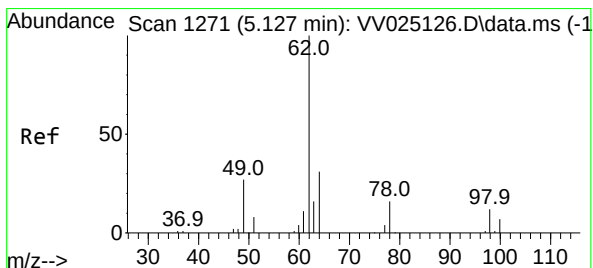
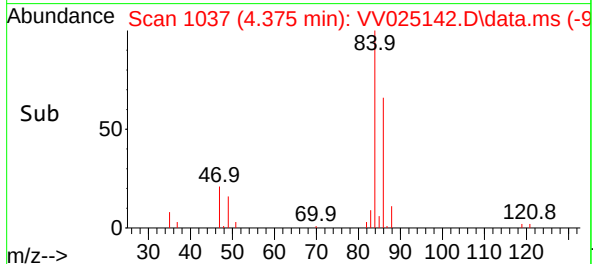
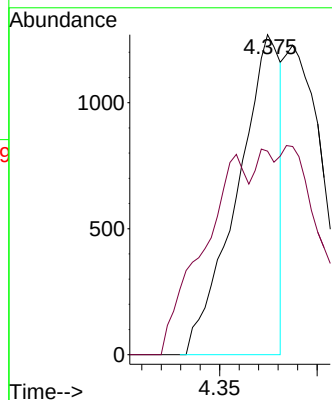
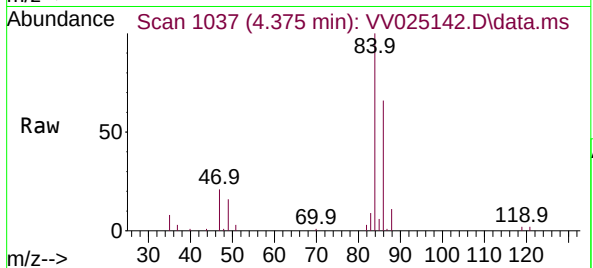
ClientSampleId :

Tgt Ion: 83 Resp: 1953

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025142.D

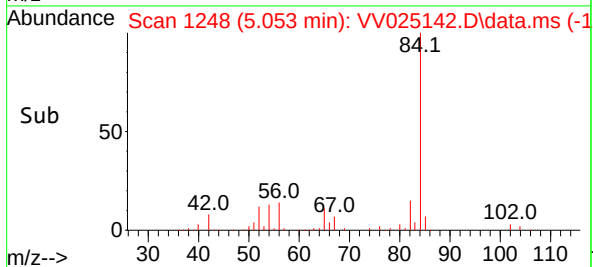
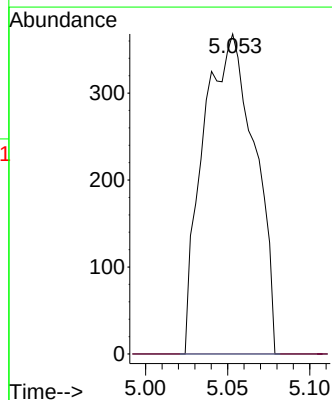
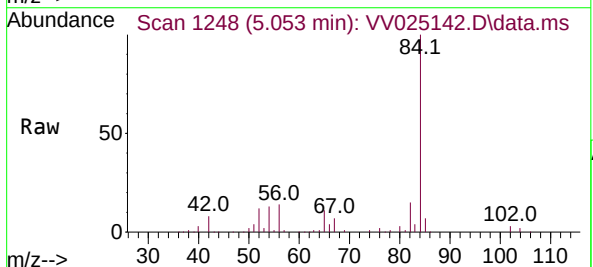
Acq: 23 Mar 2022 19:27

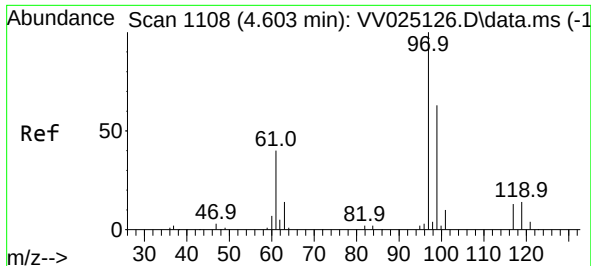
Tgt Ion: 62 Resp: 802

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

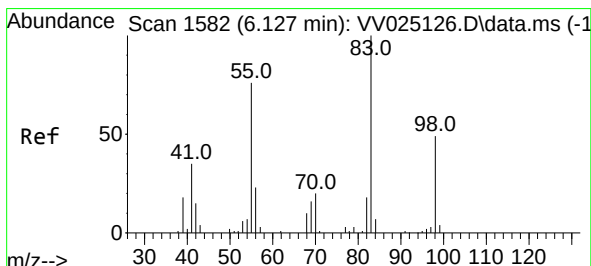
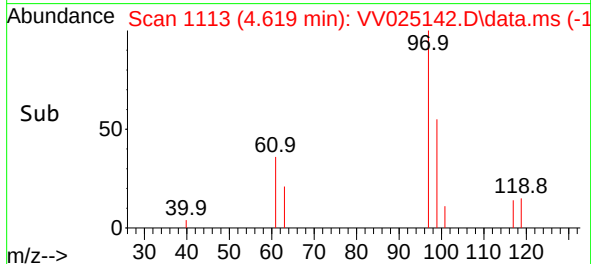
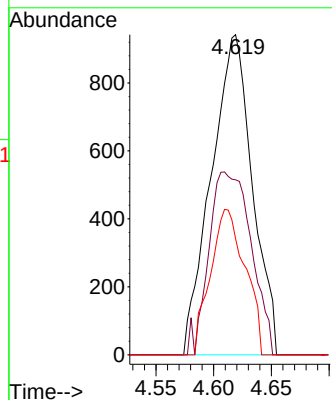
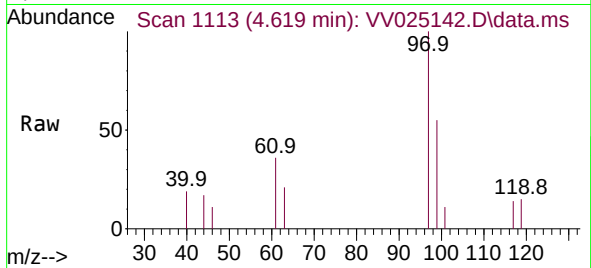




#29
1,1,1-Trichloroethane
Concen: 0.150 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.016 min
Lab File: VV025142.D
Acq: 23 Mar 2022 19:27

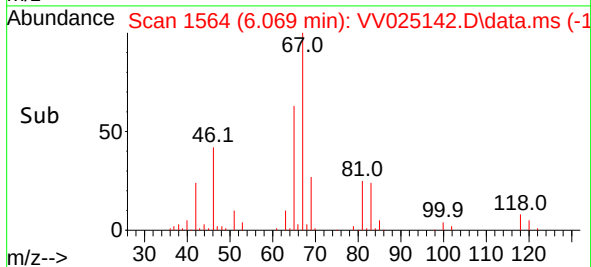
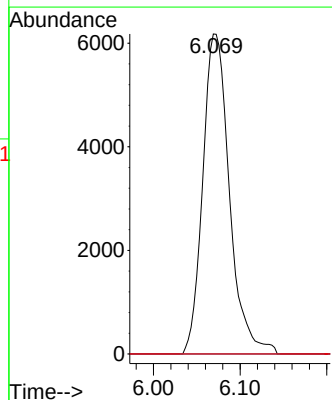
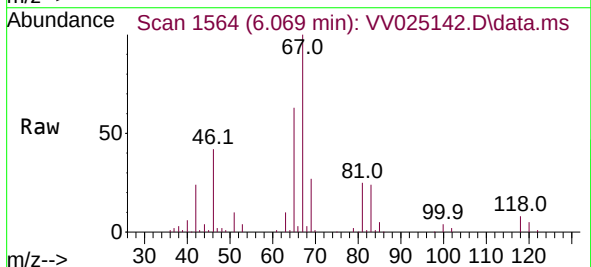
Instrument :
MSVOA_V
ClientSampleId :

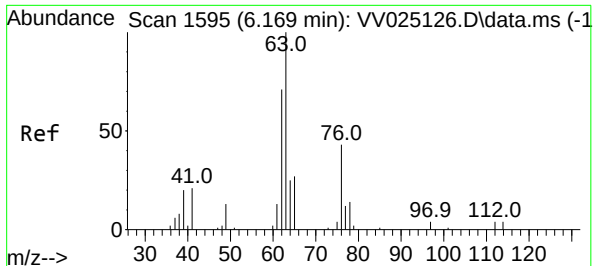
Tgt Ion: 97	Resp: 2334		
Ion Ratio	Lower	Upper	
97 100			
99 58.8	50.7	76.1	
61 38.3	32.4	48.6	



#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025142.D
Acq: 23 Mar 2022 19:27

Tgt Ion: 83	Resp: 13231
Ion Ratio	Lower Upper
83 100	
55 0.0	55.4 83.0#
98 3.7	38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025142.D

Acq: 23 Mar 2022 19:27

Instrument :

MSVOA_V

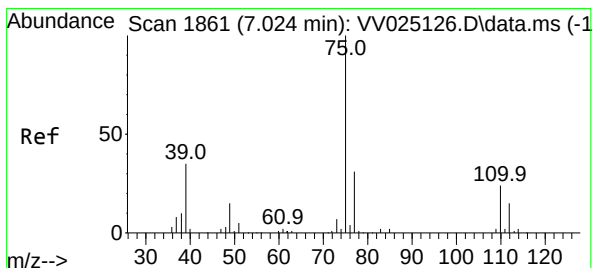
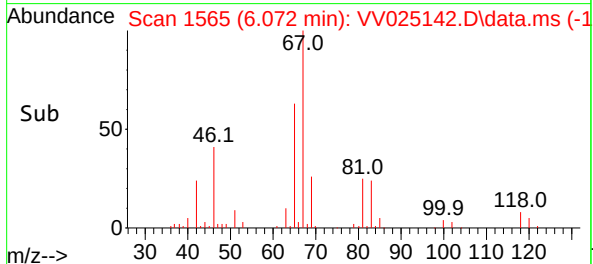
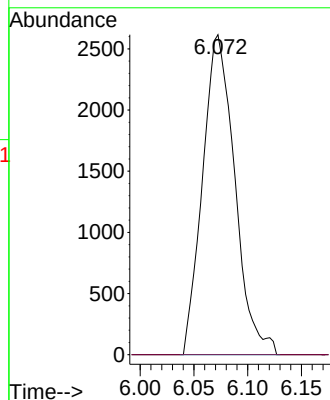
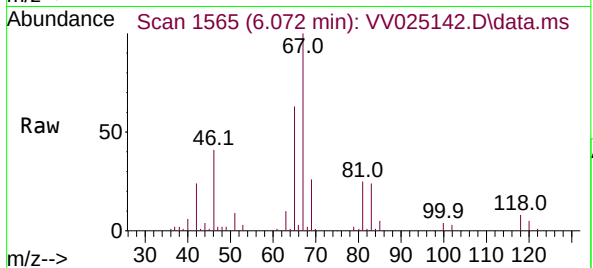
ClientSampleId :

Tgt Ion: 63 Resp: 5455

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025142.D

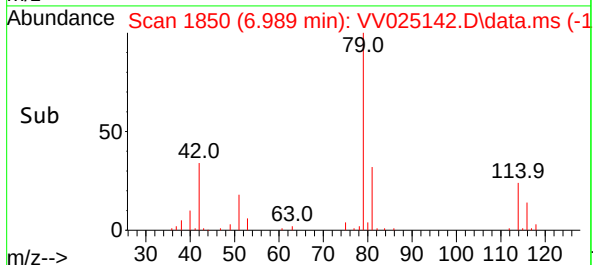
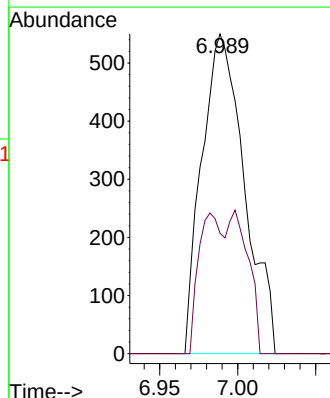
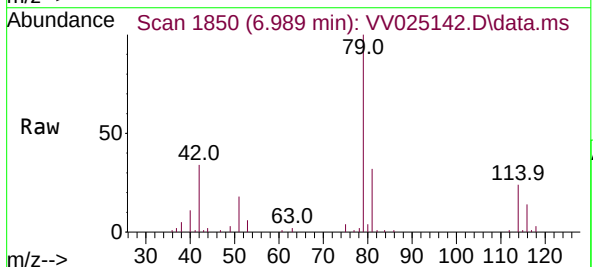
Acq: 23 Mar 2022 19:27

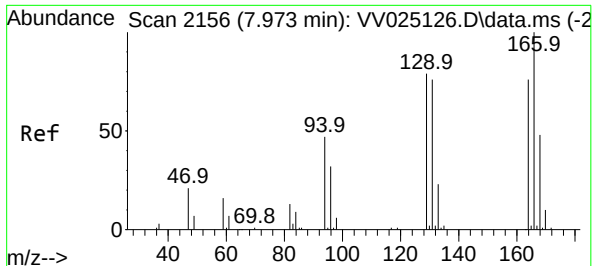
Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

77 37.6 23.0 42.8





#47

Tetrachloroethene

Concen: 0.322 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV025142.D

Acq: 23 Mar 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2390

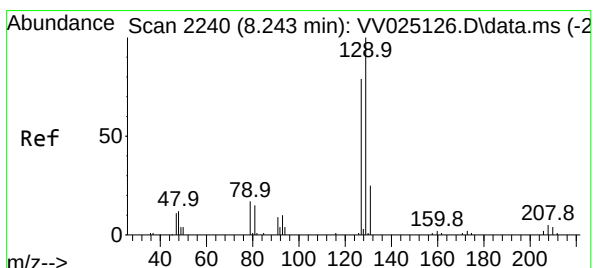
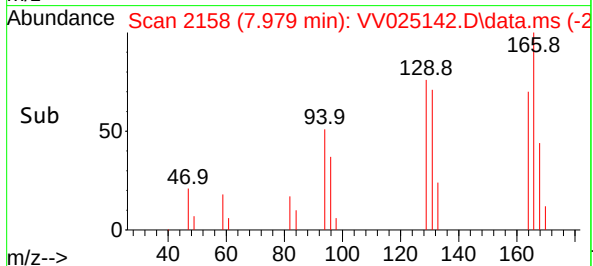
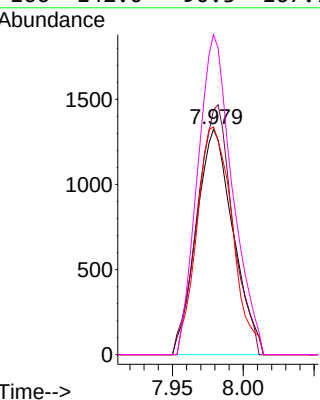
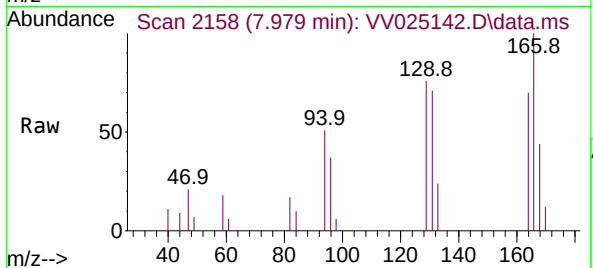
Ion Ratio Lower Upper

164 100

129 108.6 70.3 130.7

131 101.1 69.4 129.0

166 142.0 90.3 167.7



#49

Dibromochloromethane

Concen: 0.374 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025142.D

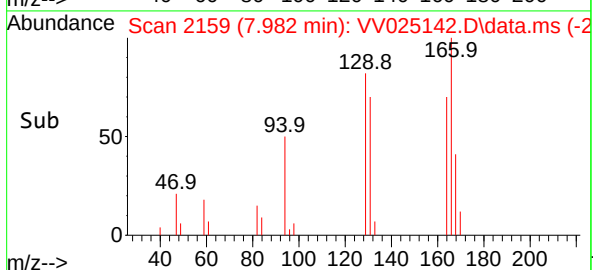
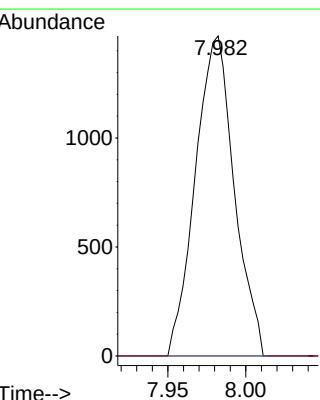
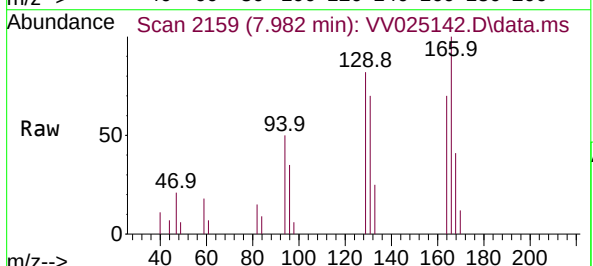
Acq: 23 Mar 2022 19:27

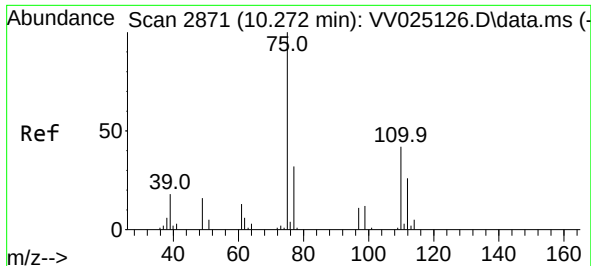
Tgt Ion:129 Resp: 2548

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

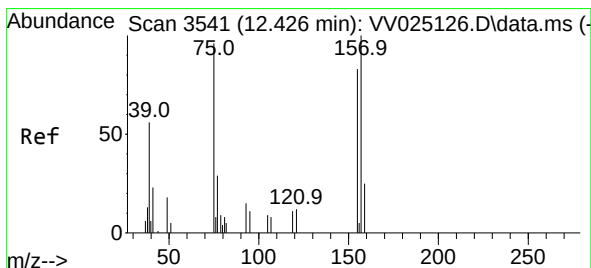
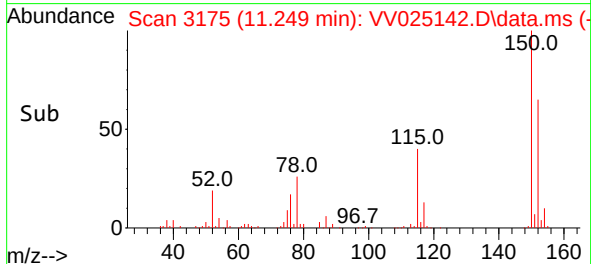
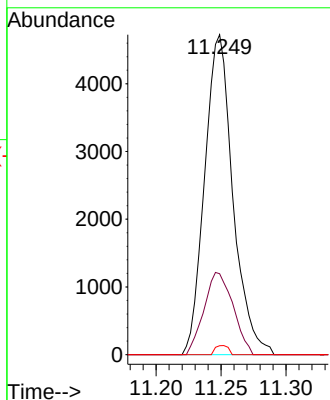
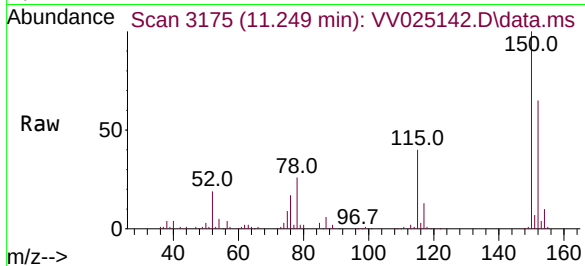




#61
 1,2,3-Trichloropropane
 Concen: 1.553 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025142.D
 Acq: 23 Mar 2022 19:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7144
 Ion Ratio Lower Upper
 75 100
 77 26.4 25.7 38.5
 110 1.3 31.2 46.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.308 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025142.D
 Acq: 23 Mar 2022 19:27

Tgt Ion: 75 Resp: 243
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

