

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025661.D
 Acq On : 21 Apr 2022 13:04
 Operator : SY/MD
 Sample : N2471-04RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFFG6

Quant Time: Apr 22 03:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

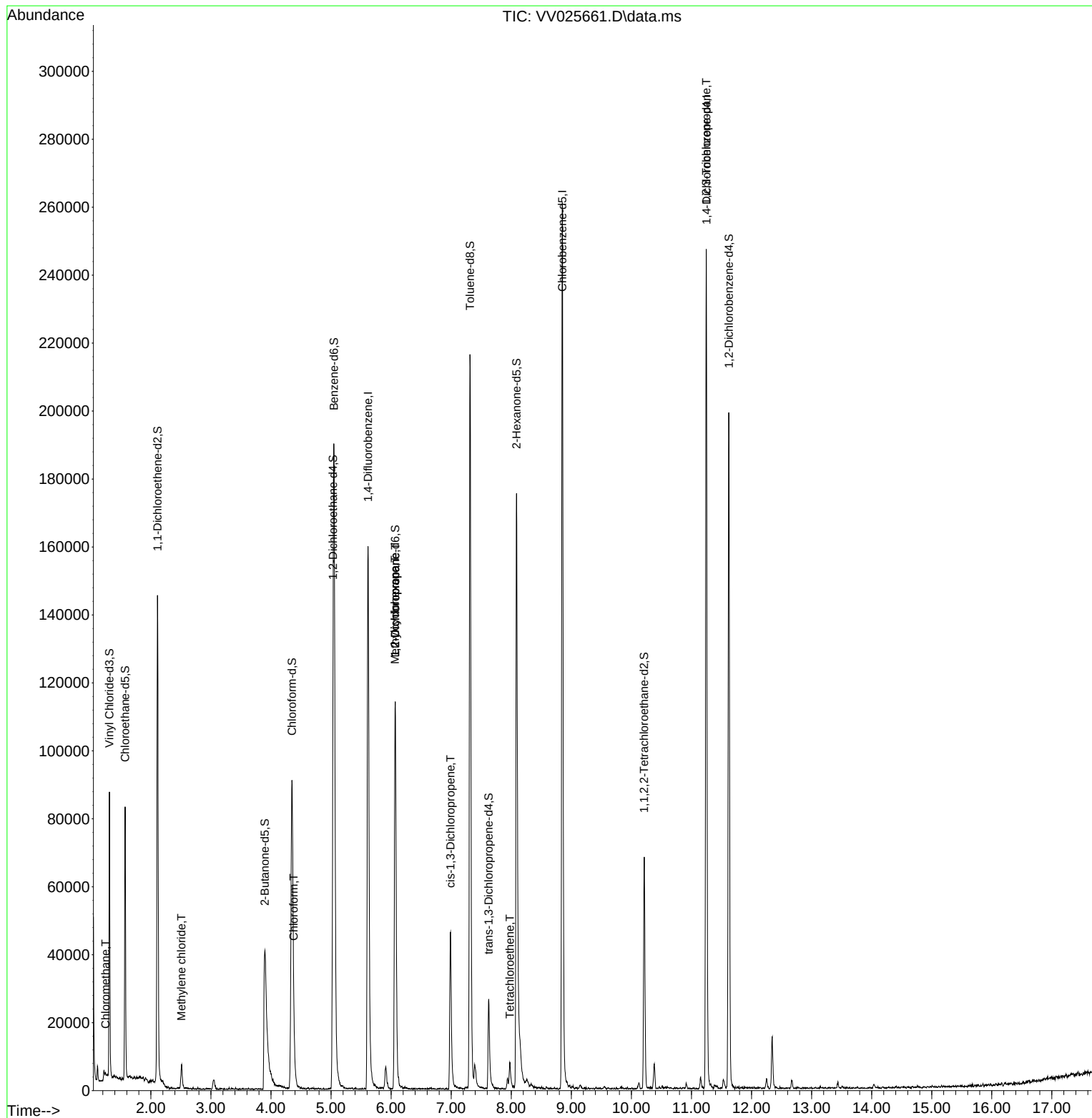
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49889	3.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.571	69	49872	3.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.111	63	76059	2.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.899	46	84892	53.512	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	4.349	84	92480	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	44285	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.050	84	174777	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.069	67	55659	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.313	98	143469	3.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.625	79	16268	4.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	57794	42.563	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32067	4.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49895	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	767	0.056	ug/L	94
16) Methylene chloride	2.510	84	2851	0.242	ug/L	95
25) Chloroform	4.378	83	9141	0.501	ug/L	91
35) Methylcyclohexane	6.066	83	13481	0.755	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6058	0.621	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1115	0.087	ug/L	99
47) Tetrachloroethene	7.979	164	2001	0.228	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	7425	1.799	ug/L #	60

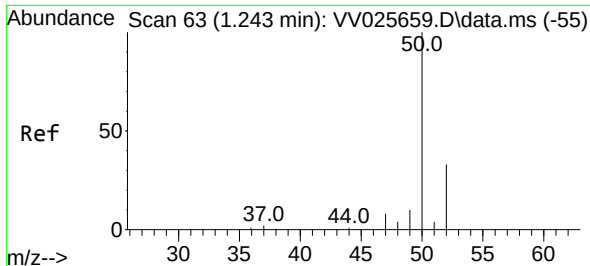
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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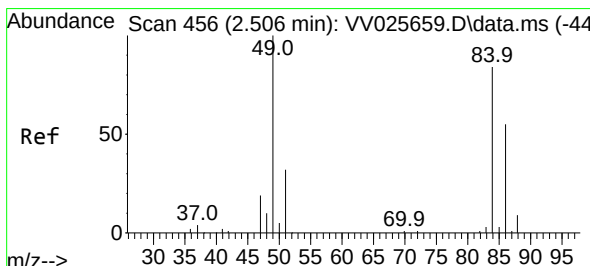
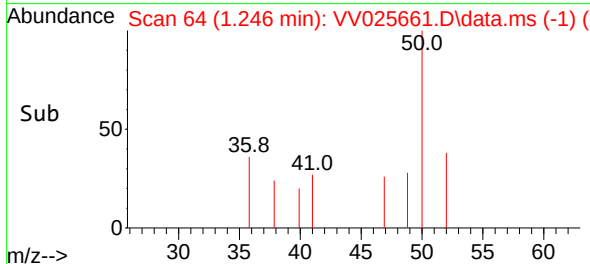
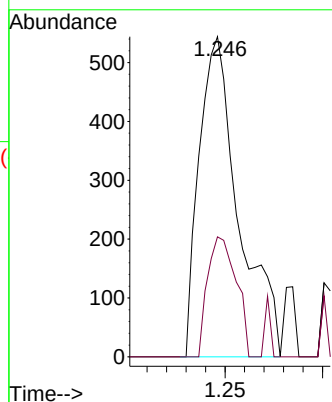
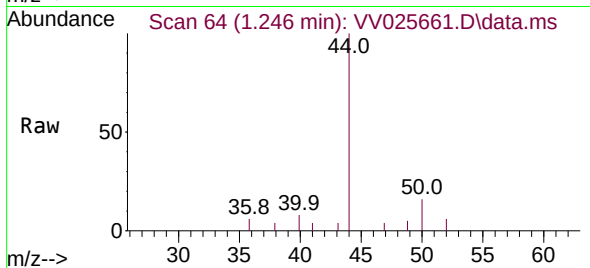




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025661.D
Acq: 21 Apr 2022 13:04

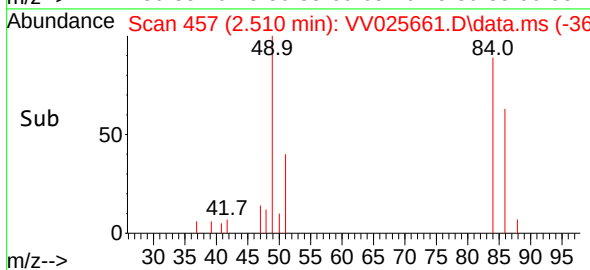
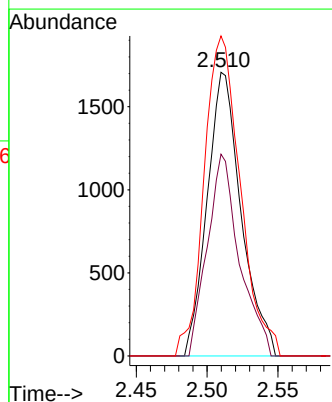
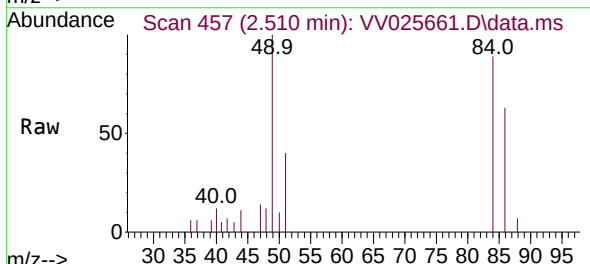
Instrument :
MSVOA_V
ClientSampleId :
BFFG6

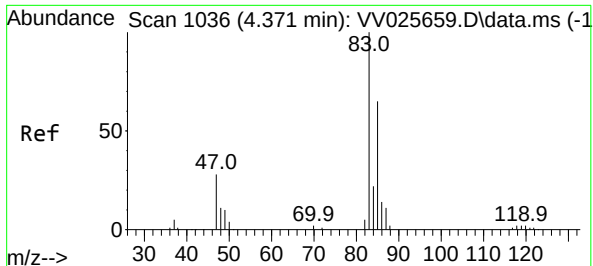
Tgt Ion: 50 Resp: 767
Ion Ratio Lower Upper
50 100
52 37.5 23.7 43.9



#16
Methylene chloride
Concen: 0.242 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025661.D
Acq: 21 Apr 2022 13:04

Tgt Ion: 84 Resp: 2851
Ion Ratio Lower Upper
84 100
86 71.1 45.9 85.3
49 112.8 76.6 142.3





#25

Chloroform

Concen: 0.501 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025661.D

Acq: 21 Apr 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

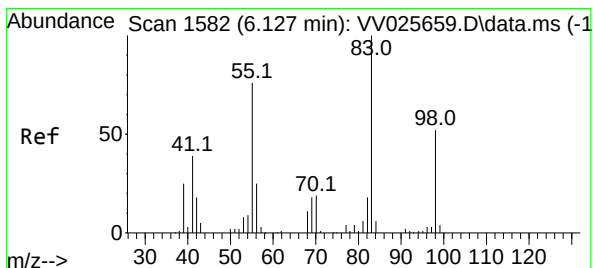
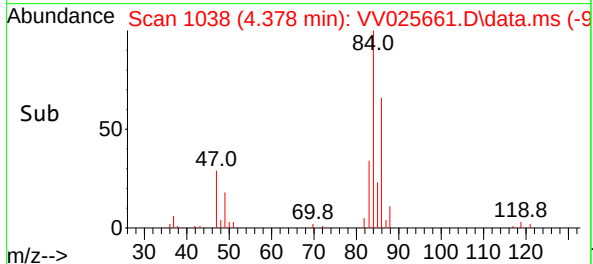
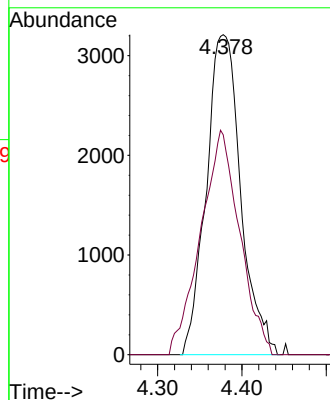
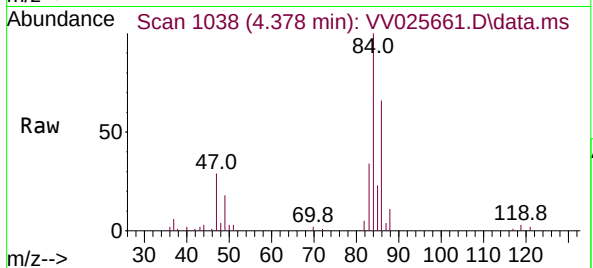
BFFG6

Tgt Ion: 83 Resp: 9141

Ion Ratio Lower Upper

83 100

85 68.7 43.5 80.7



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025661.D

Acq: 21 Apr 2022 13:04

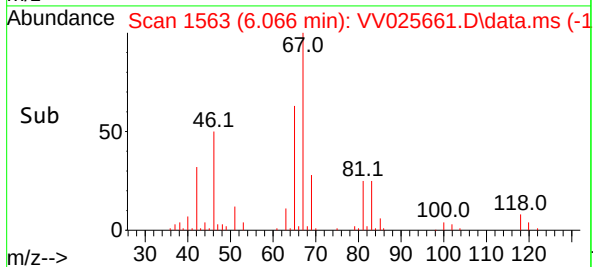
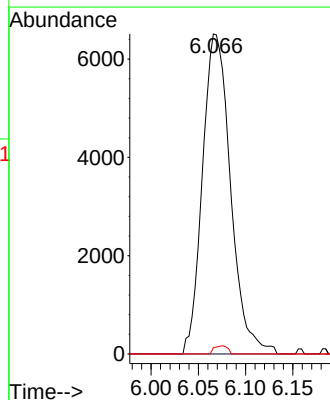
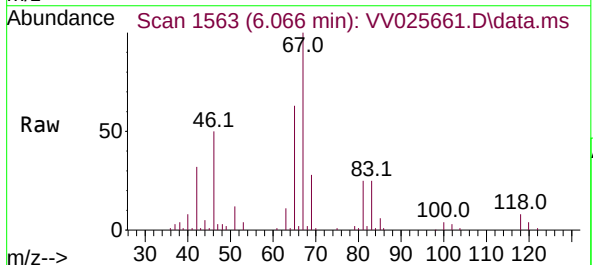
Tgt Ion: 83 Resp: 13481

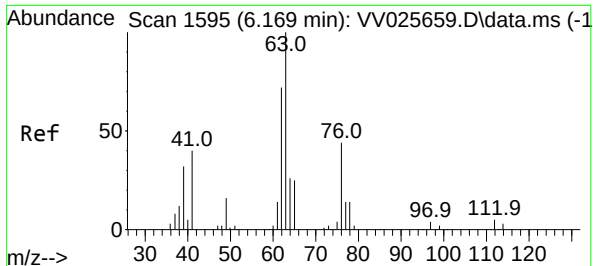
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025661.D

Acq: 21 Apr 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

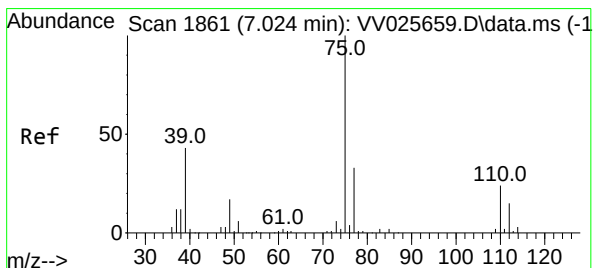
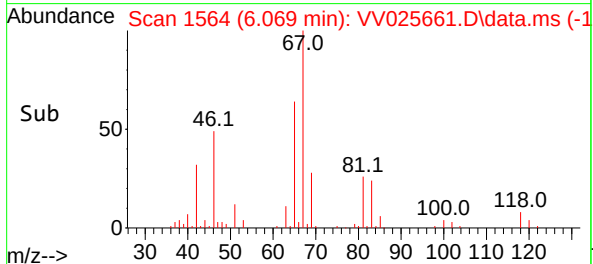
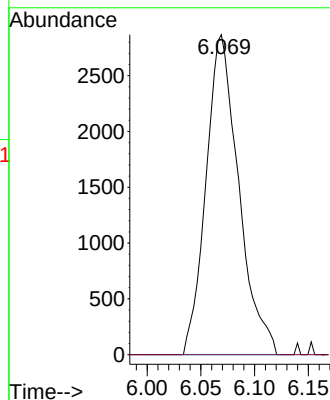
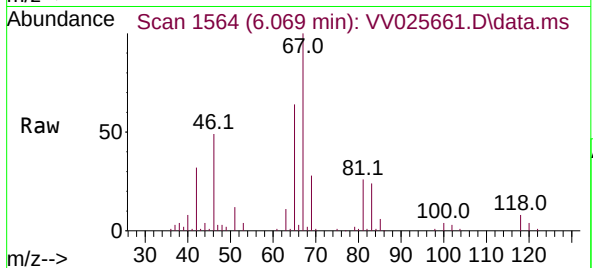
BFFG6

Tgt Ion: 63 Resp: 6058

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025661.D

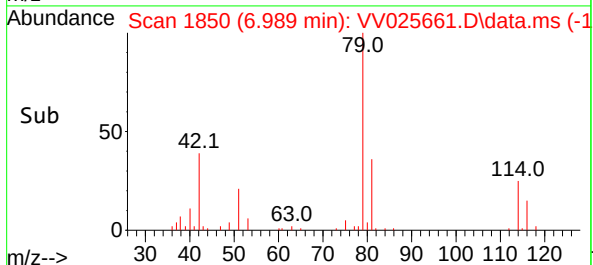
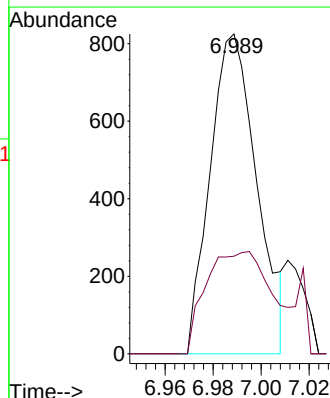
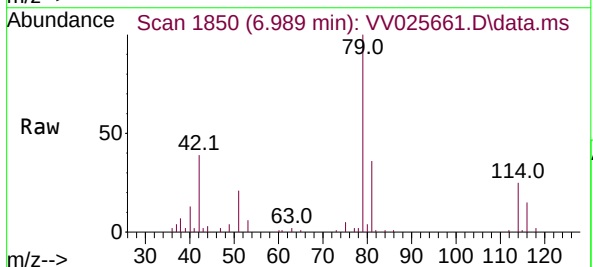
Acq: 21 Apr 2022 13:04

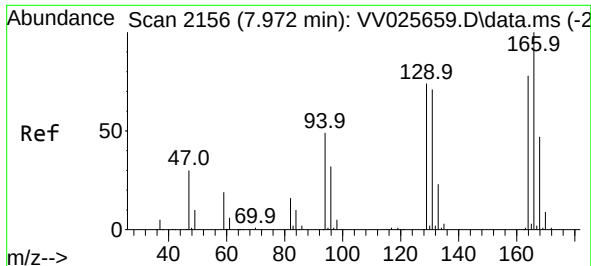
Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6





#47

Tetrachloroethene

Concen: 0.228 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.007 min

Lab File: VV025661.D

Acq: 21 Apr 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

BFFG6

Tgt Ion:164 Resp: 2001

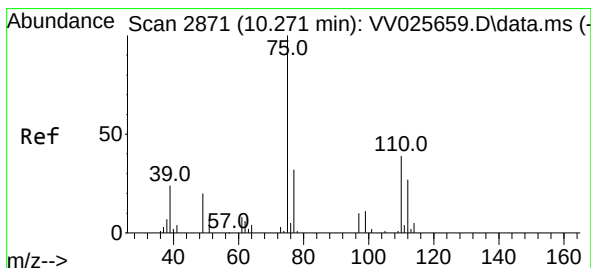
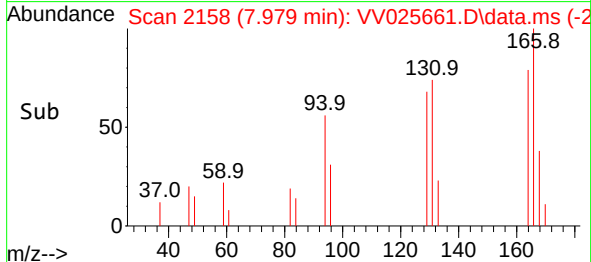
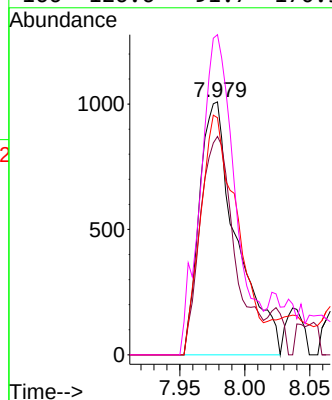
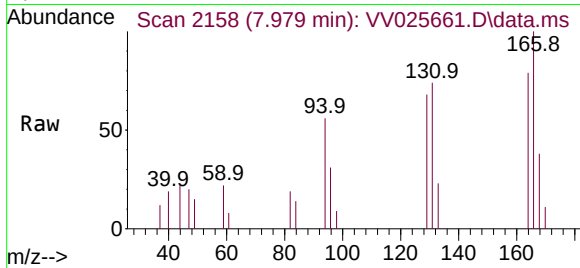
Ion Ratio Lower Upper

164 100

129 86.3 66.8 124.2

131 93.8 66.4 123.4

166 126.6 91.7 170.3



#61

1,2,3-Trichloropropane

Concen: 1.799 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025661.D

Acq: 21 Apr 2022 13:04

Tgt Ion: 75 Resp: 7425

Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4

110 2.0 34.7 52.1#

