

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025778.D
 Acq On : 02 May 2022 20:02
 Operator : SY/MD
 Sample : N2625-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 05:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

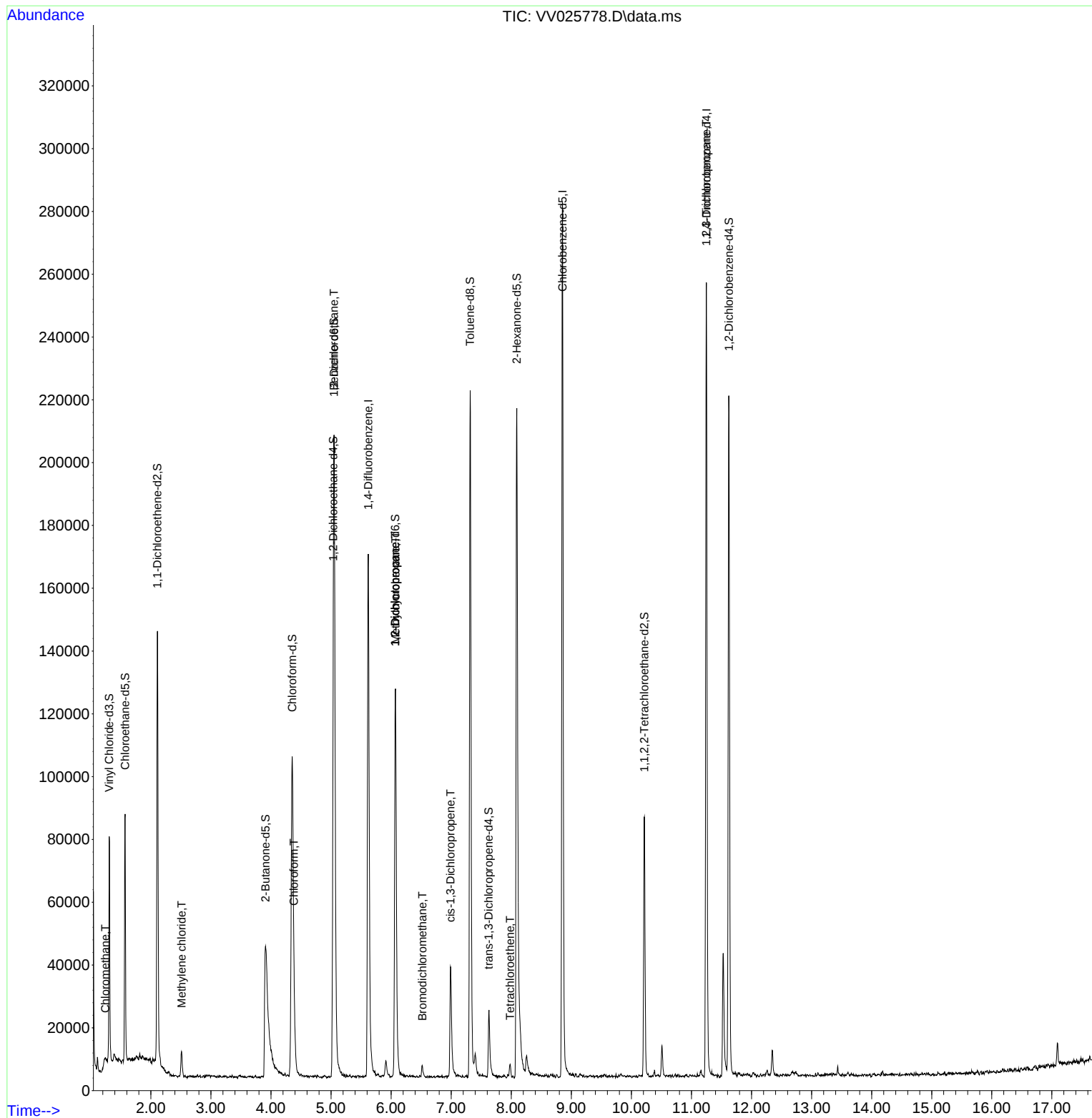
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148113	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	153216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43582	3.165	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.571	69	50187	3.426	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	68.600%	
11) 1,1-Dichloroethene-d2	2.108	63	74407	2.697	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.000%#	
20) 2-Butanone-d5	3.908	46	100774	60.163	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.320%	
24) Chloroform-d	4.352	84	102254	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.037	65	46658	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.050	84	184584	4.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.069	67	60207	4.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.317	98	147115	3.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	7.625	79	12491	3.006	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.200%	
46) 2-Hexanone-d5	8.091	63	71738	49.188	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39932	5.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54924	4.884	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	577	0.040	ug/L #	82
16) Methylene chloride	2.513	84	3197	0.257	ug/L	89
25) Chloroform	4.381	83	17667	0.918	ug/L	96
27) 1,2-Dichloroethane	5.047	62	636	0.063	ug/L #	71
35) Methylcyclohexane	6.072	83	14283	0.745	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6660	0.636	ug/L #	85
38) Bromodichloromethane	6.519	83	2379	0.183	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	998	0.073	ug/L #	50
47) Tetrachloroethene	7.982	164	748	0.080	ug/L #	73
61) 1,2,3-Trichloropropane	11.246	75	7918	1.792	ug/L #	58

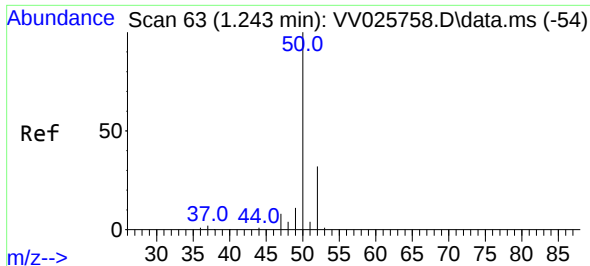
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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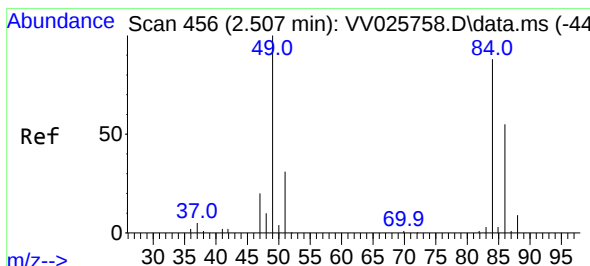
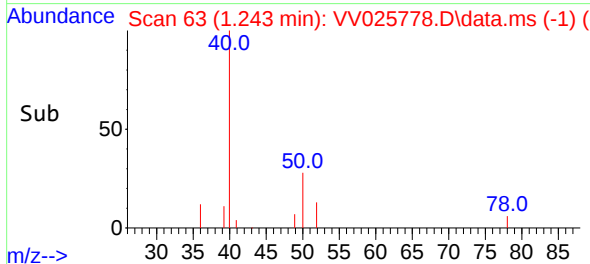
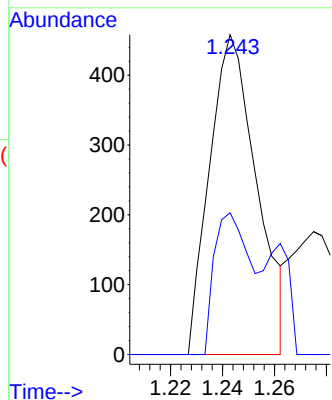
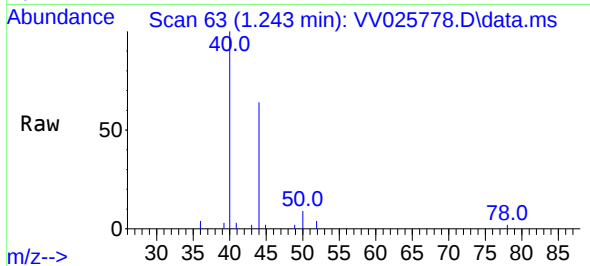




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

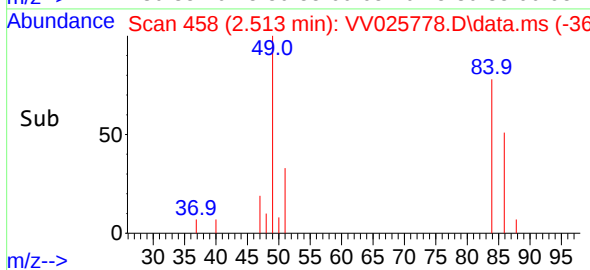
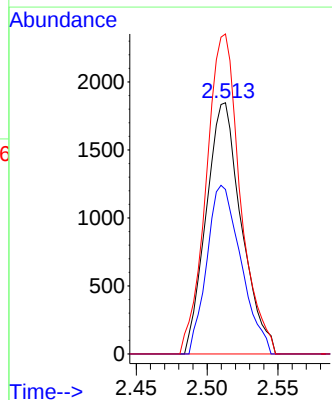
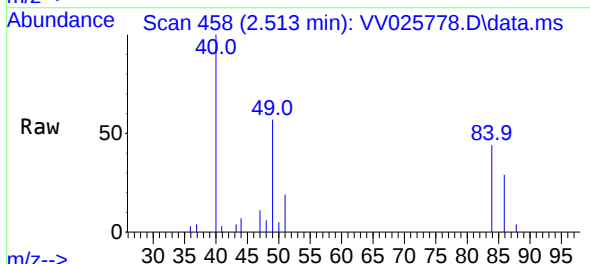
Instrument :
MSVOA_V
ClientSampleId :

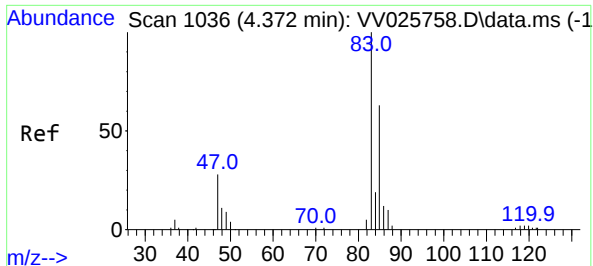
Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 44.3 23.7 43.9#



#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

Tgt Ion: 84 Resp: 3197
Ion Ratio Lower Upper
84 100
86 65.5 45.9 85.3
49 127.4 76.6 142.3





#25

Chloroform

Concen: 0.918 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025778.D

Acq: 02 May 2022 20:02

Instrument :

MSVOA_V

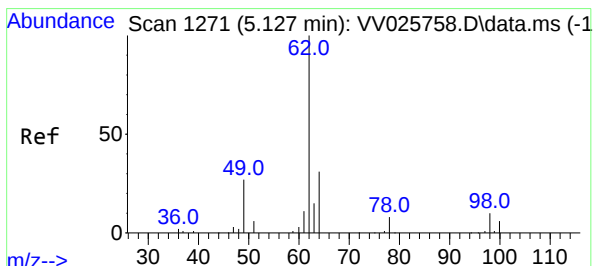
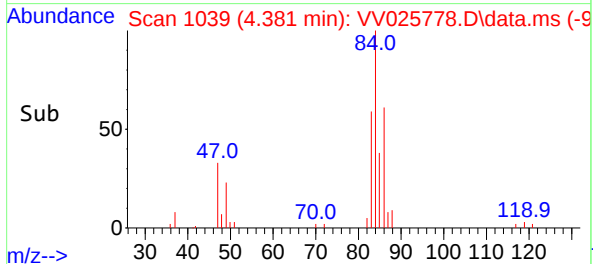
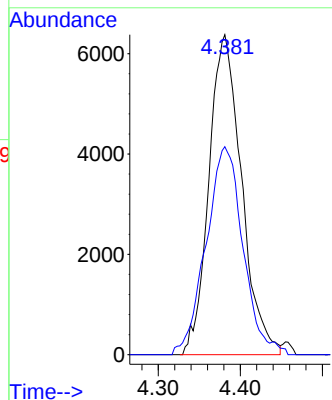
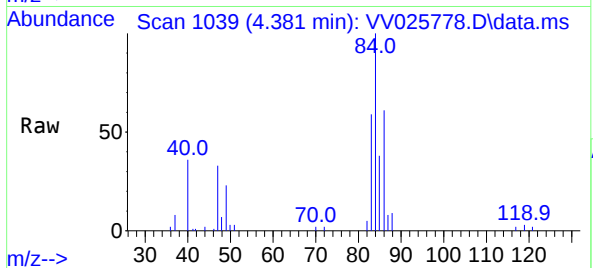
ClientSampleId :

Tgt Ion: 83 Resp: 17667

Ion Ratio Lower Upper

83 100

85 65.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.063 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.081 min

Lab File: VV025778.D

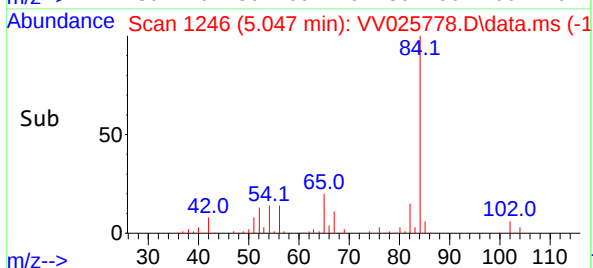
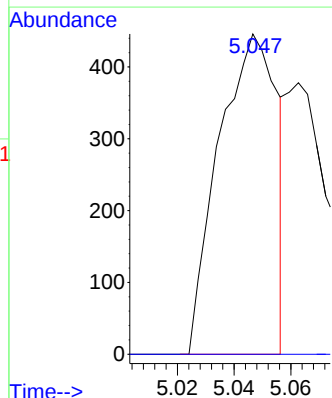
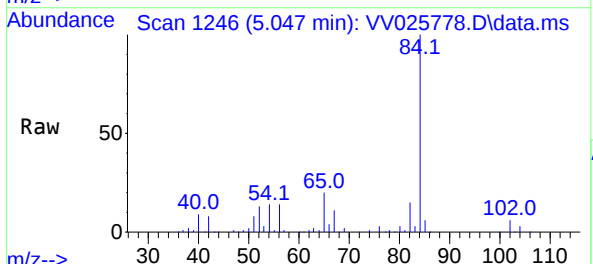
Acq: 02 May 2022 20:02

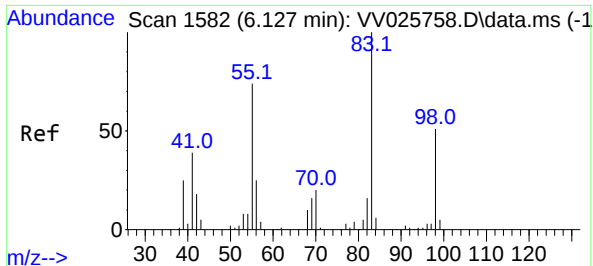
Tgt Ion: 62 Resp: 636

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV025778.D

Acq: 02 May 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

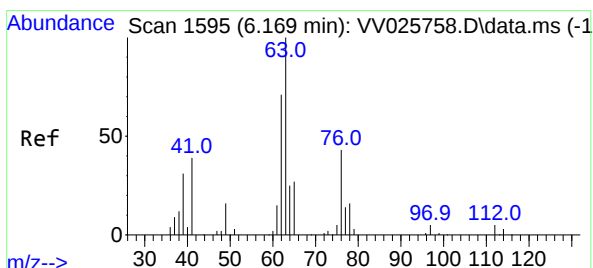
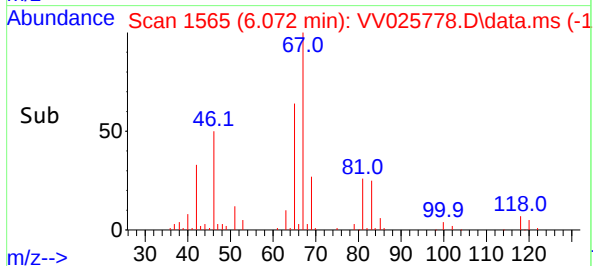
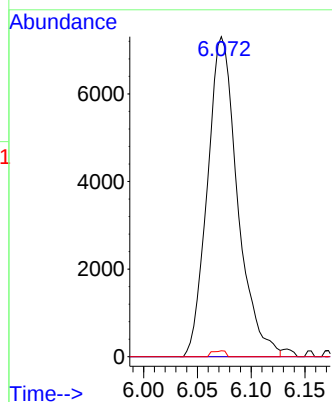
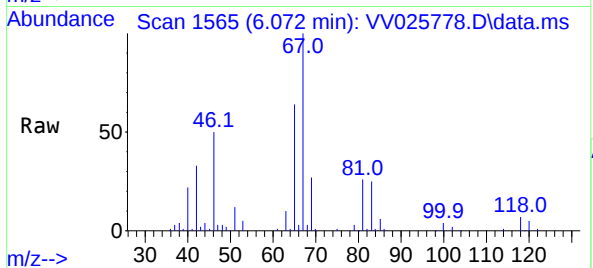
Tgt Ion: 83 Resp: 14283

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.8 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025778.D

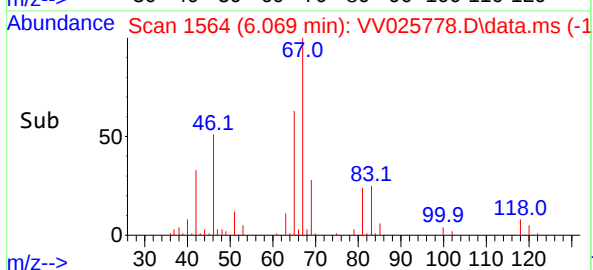
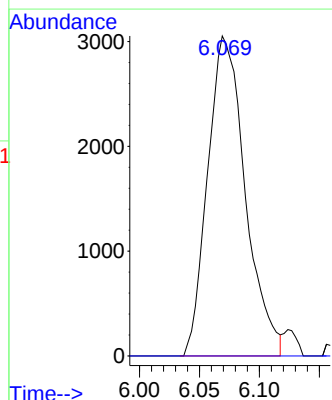
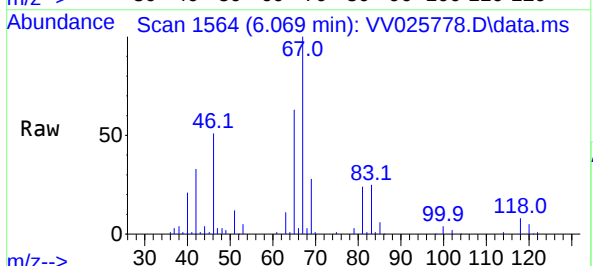
Acq: 02 May 2022 20:02

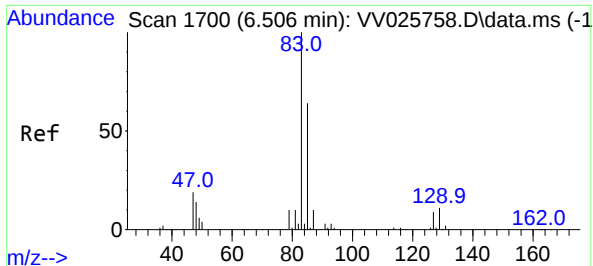
Tgt Ion: 63 Resp: 6660

Ion Ratio Lower Upper

63 100

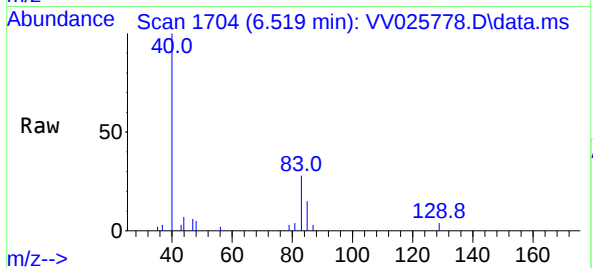
112 0.0 3.8 5.8#



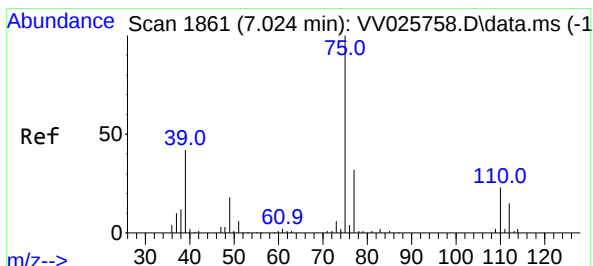
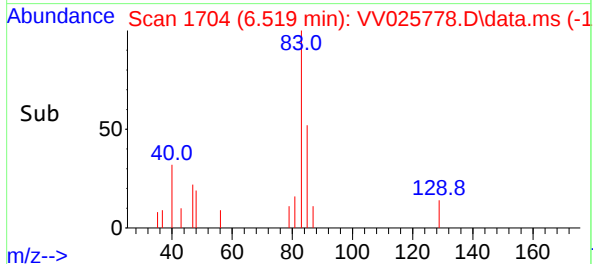
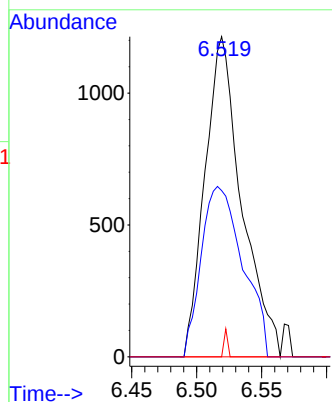


#38
Bromodichloromethane
Concen: 0.183 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

Instrument :
MSVOA_V
ClientSampleId :

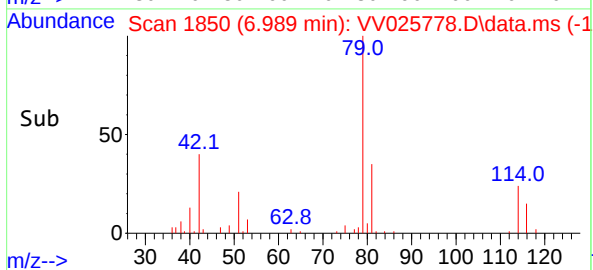
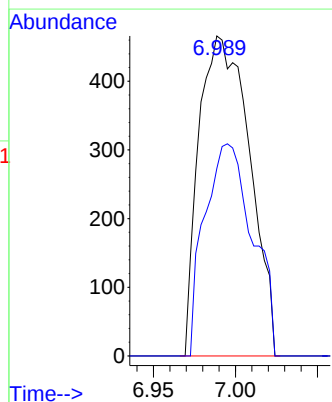
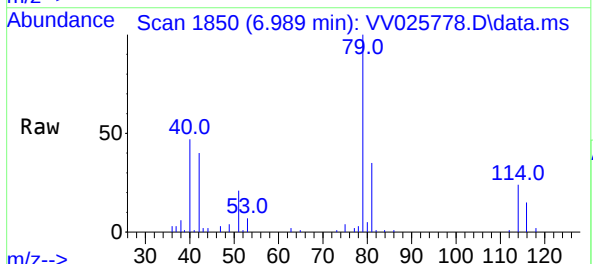


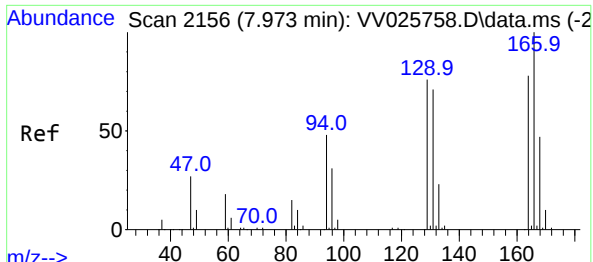
Tgt Ion: 83 Resp: 2379
Ion Ratio Lower Upper
83 100
85 51.9 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.036 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

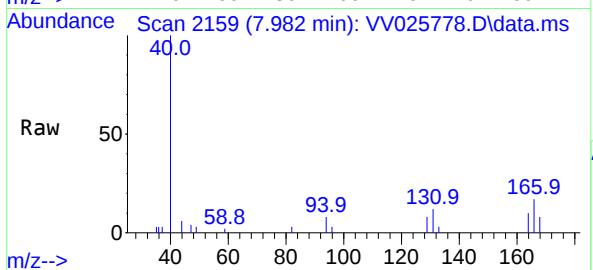
Tgt Ion: 75 Resp: 998
Ion Ratio Lower Upper
75 100
77 58.6 21.8 40.6#



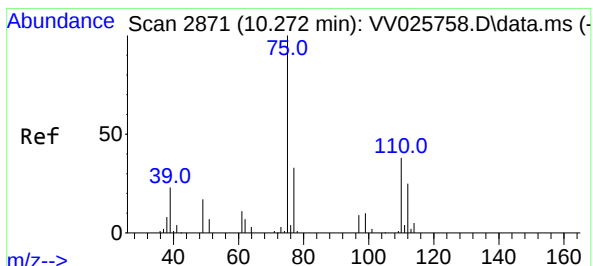
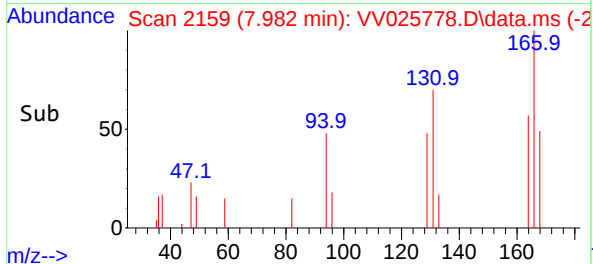
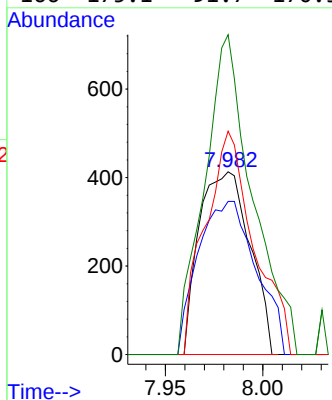


#47
Tetrachloroethene
Concen: 0.080 ug/L
RT: 7.982 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 748
Ion Ratio Lower Upper
164 100
129 83.8 66.8 124.2
131 122.3 66.4 123.4
166 175.1 91.7 170.3#



#61
1,2,3-Trichloropropane
Concen: 1.792 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025778.D
Acq: 02 May 2022 20:02

Tgt Ion: 75 Resp: 7918
Ion Ratio Lower Upper
75 100
77 38.8 25.6 38.4#
110 2.6 34.7 52.1#

