

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025141.D
 Acq On : 23 Mar 2022 19:03
 Operator : SY/MD
 Sample : N2083-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:19:03 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

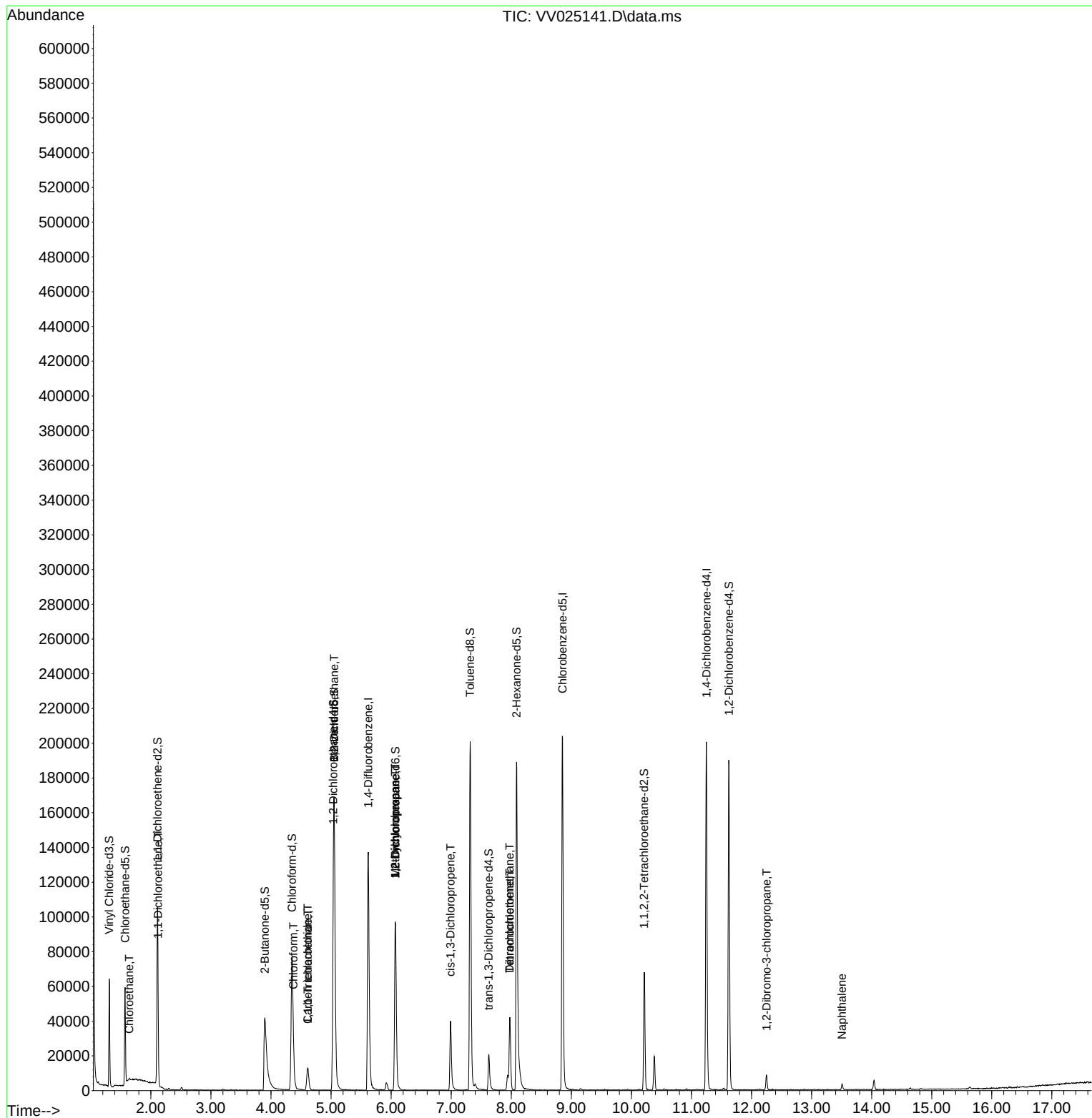
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39588	3.954	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.571	69	35340	4.820	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.111	63	53399	3.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.899	46	86661	71.624	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.240%#	
24) Chloroform-d	4.352	84	83480	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.037	65	37264	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.053	84	165093	4.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51393	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.316	98	138349	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14450	4.129	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.088	63	69364	58.115	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.220%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34689	5.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49274	5.271	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.642	64	11586	1.714	ug/L #	54
12) 1,1-Dichloroethene	2.121	96	1007	0.125	ug/L #	1
25) Chloroform	4.375	83	2734	0.159	ug/L #	74
27) 1,2-Dichloroethane	5.053	62	839	0.098	ug/L #	71
29) 1,1,1-Trichloroethane	4.612	97	11115	0.724	ug/L	97
31) Carbon tetrachloride	4.612	117	1476	0.112	ug/L	94
35) Methylcyclohexane	6.069	83	12635	0.766	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5134	0.571	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1019	0.082	ug/L	88
47) Tetrachloroethene	7.976	164	9980	1.361	ug/L	98
49) Dibromochloromethane	7.976	129	10183	1.514	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.249	75	196	0.246	ug/L #	1
71) Naphthalene	13.506	128	3490	0.211	ug/L	95

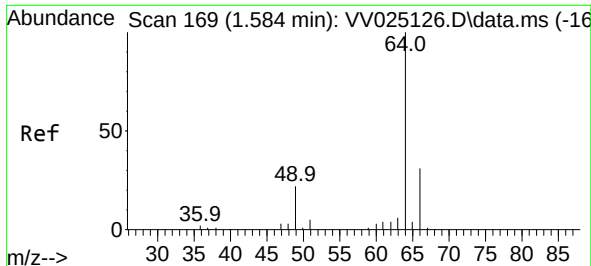
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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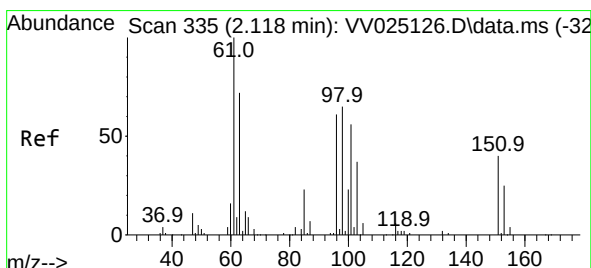
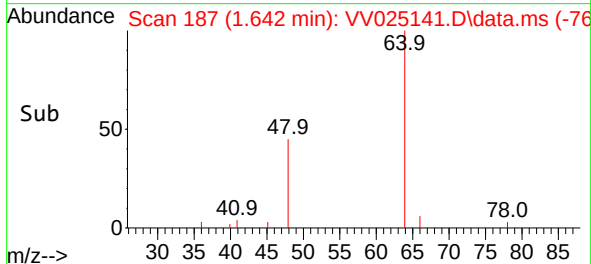
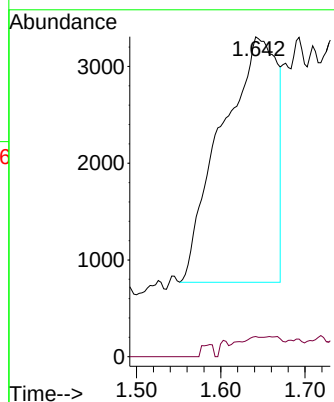
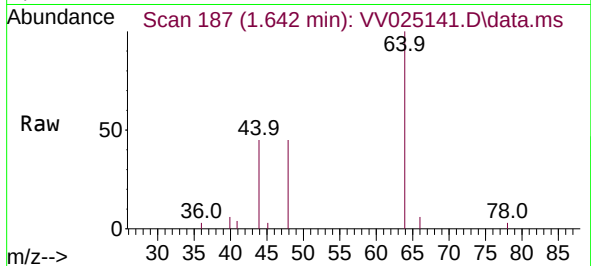




#8
Chloroethane
Concen: 1.714 ug/L
RT: 1.642 min Scan# 11
Delta R.T. 0.058 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

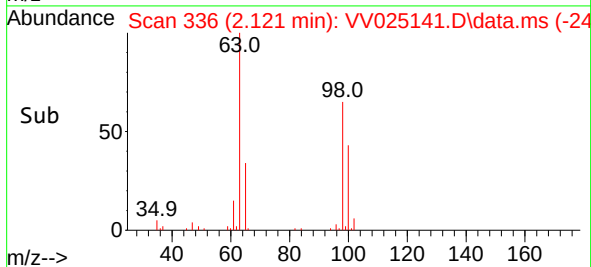
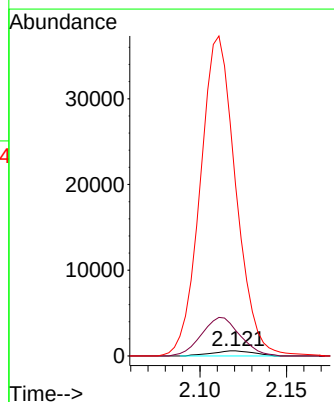
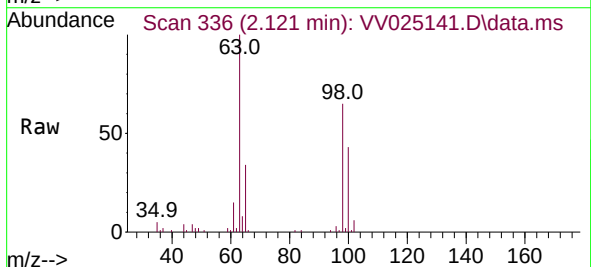
Instrument :
MSVOA_V
ClientSampleId :

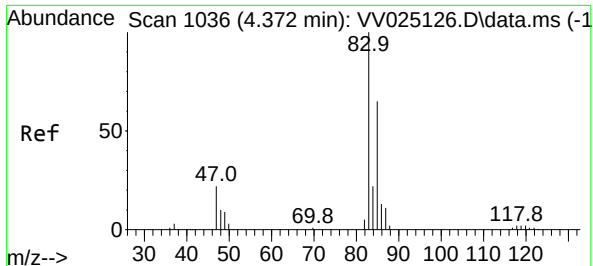
Tgt Ion: 64 Resp: 11586
Ion Ratio Lower Upper
64 100
66 6.3 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 0.125 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

Tgt Ion: 96 Resp: 1007
Ion Ratio Lower Upper
96 100
61 493.1 113.0 209.9#
63 3288.3 82.1 152.5#





#25

Chloroform

Concen: 0.159 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025141.D

Acq: 23 Mar 2022 19:03

Instrument :

MSVOA_V

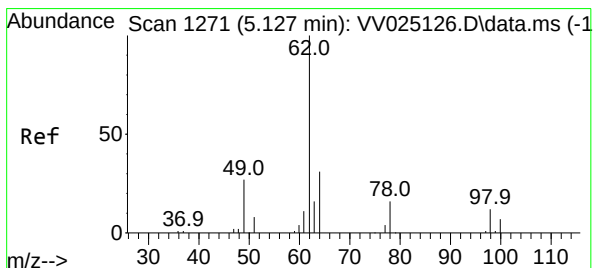
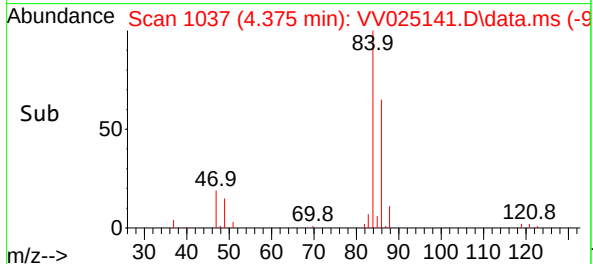
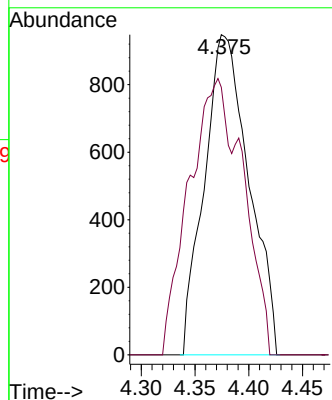
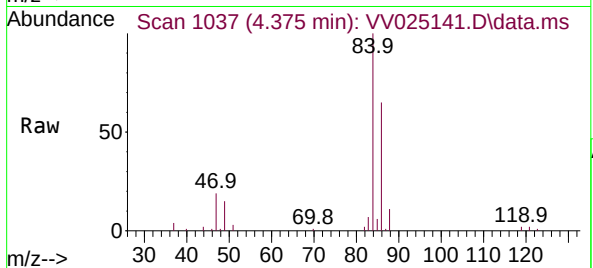
ClientSampleId :

Tgt Ion: 83 Resp: 2734

Ion Ratio Lower Upper

83 100

85 83.5 44.5 82.7#



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025141.D

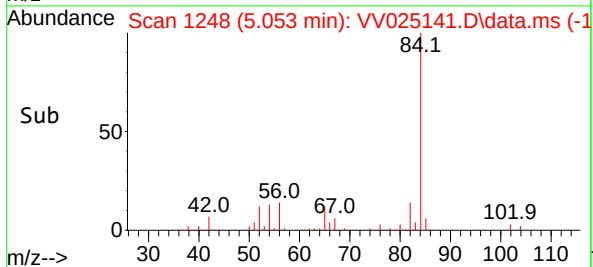
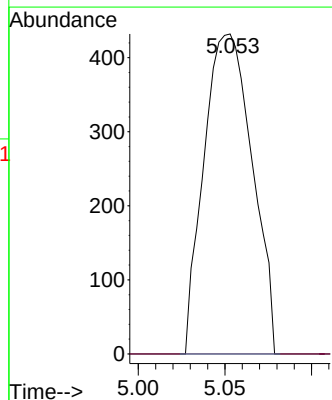
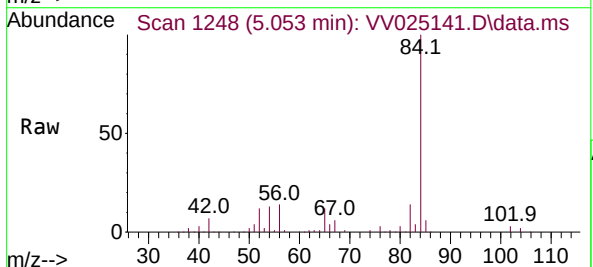
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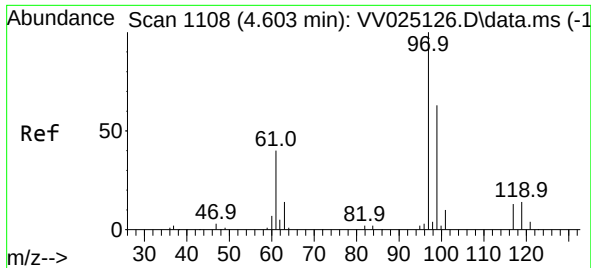
Tgt Ion: 62 Resp: 839

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

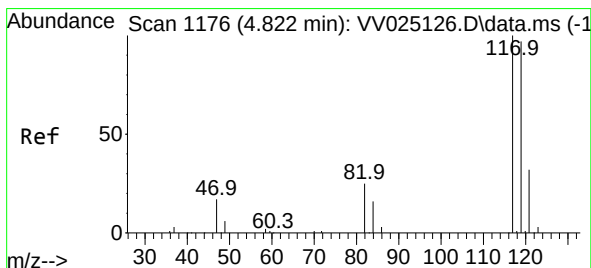
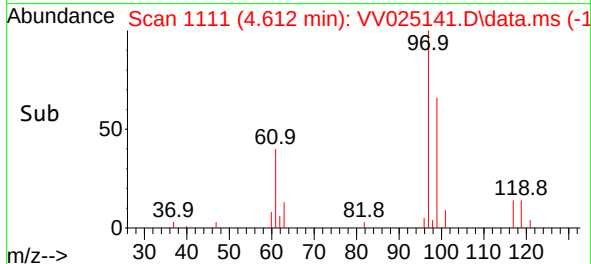
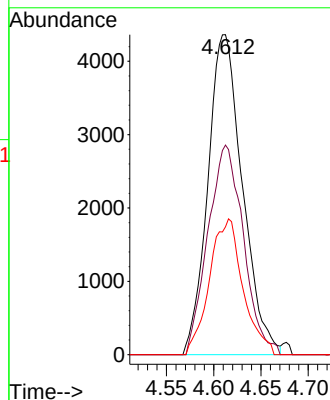
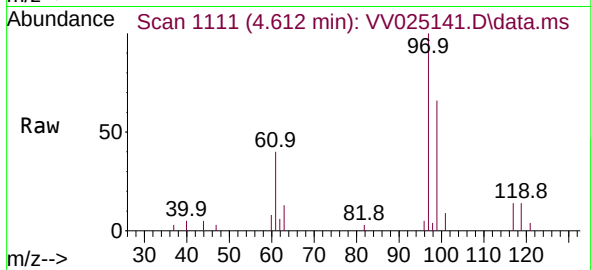




#29
1,1,1-Trichloroethane
Concen: 0.724 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.009 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

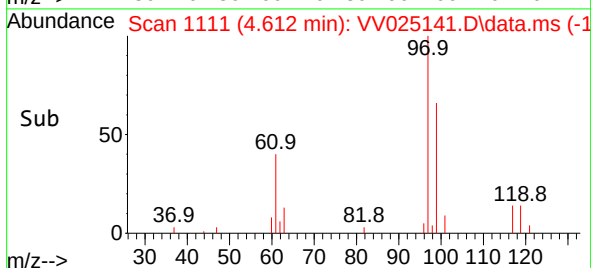
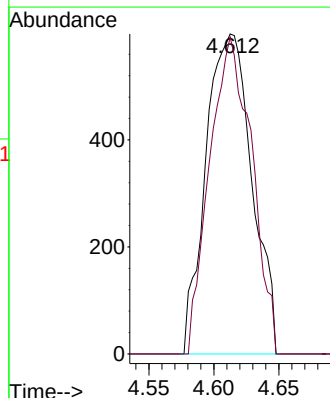
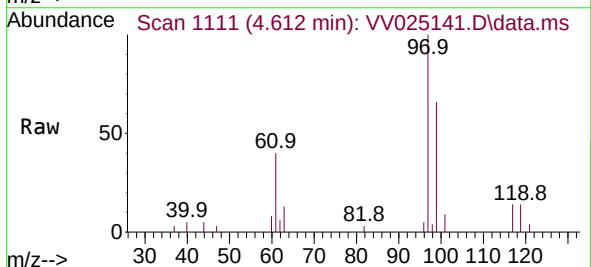
Instrument :
MSVOA_V
ClientSampleId :

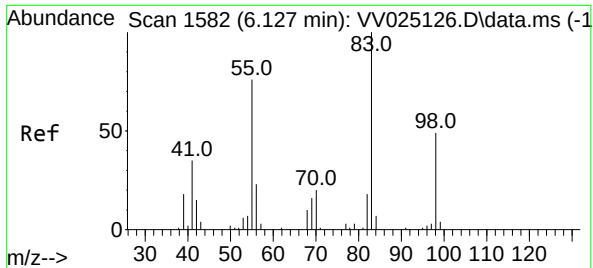
Tgt Ion: 97 Resp: 11115
Ion Ratio Lower Upper
97 100
99 67.1 50.7 76.1
61 41.0 32.4 48.6



#31
Carbon tetrachloride
Concen: 0.112 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.209 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

Tgt Ion: 117 Resp: 1476
Ion Ratio Lower Upper
117 100
119 90.5 76.8 115.2

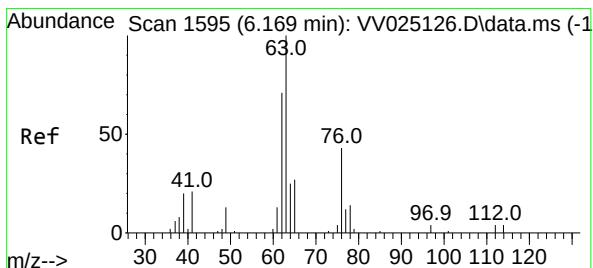
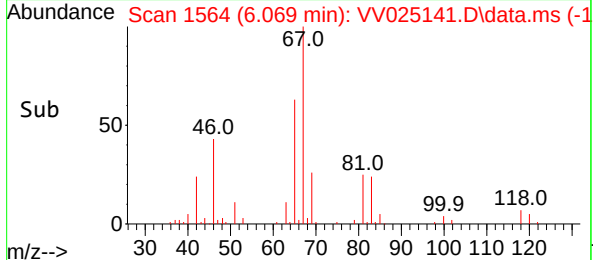
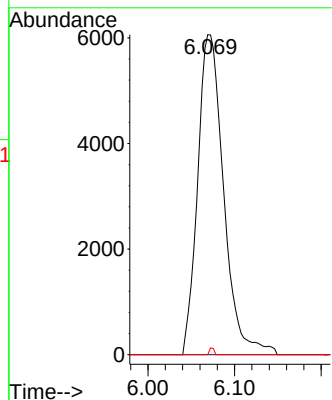
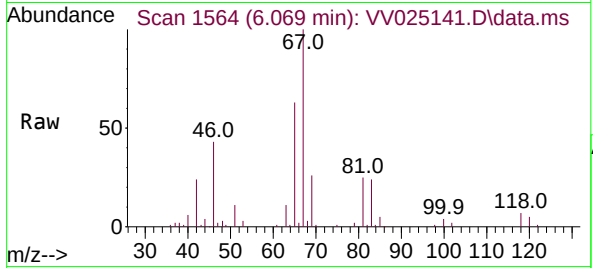




#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

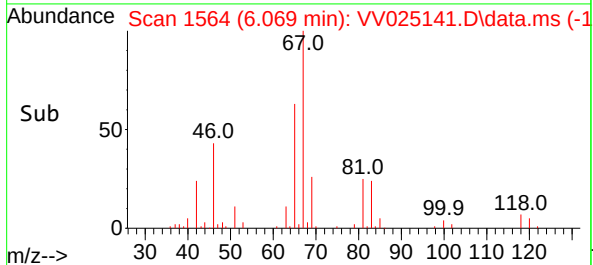
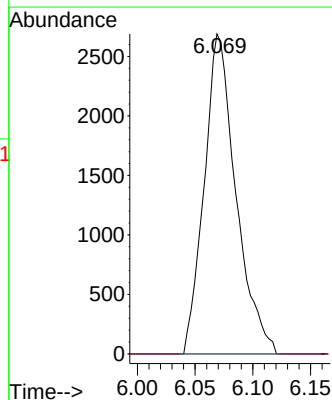
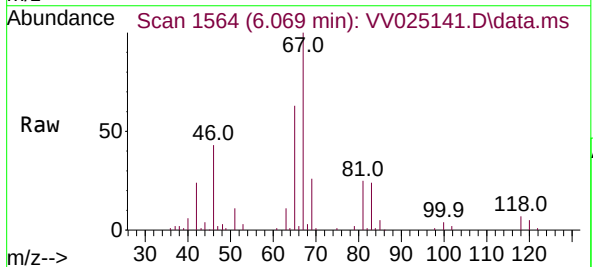
Instrument :
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ClientSampleId :

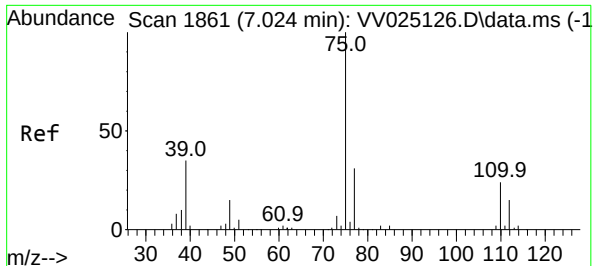
Tgt Ion: 83 Resp: 12635
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

Tgt Ion: 63 Resp: 5134
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025141.D

Acq: 23 Mar 2022 19:03

Instrument :

MSVOA_V

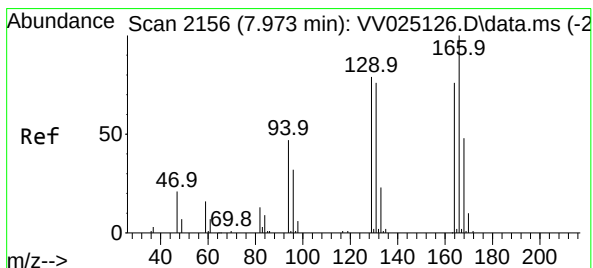
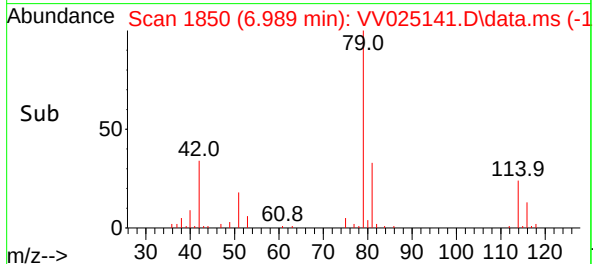
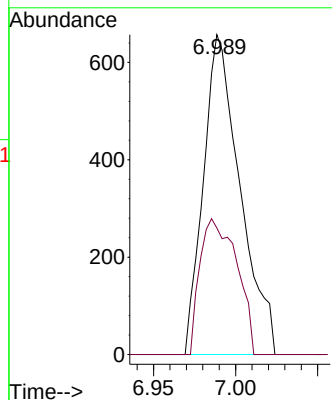
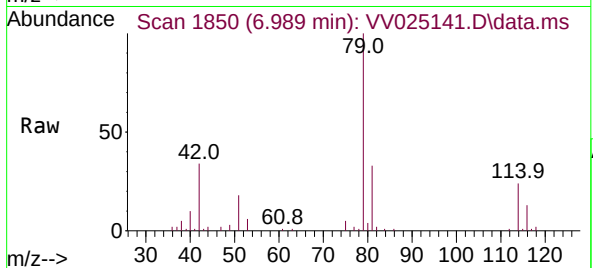
ClientSampleId :

Tgt Ion: 75 Resp: 1019

Ion Ratio Lower Upper

75 100

77 39.6 23.0 42.8



#47

Tetrachloroethene

Concen: 1.361 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025141.D

Acq: 23 Mar 2022 19:03

Tgt Ion: 164 Resp: 9980

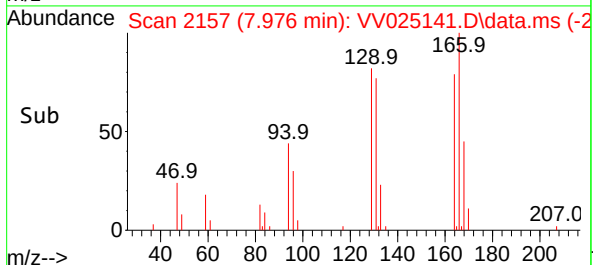
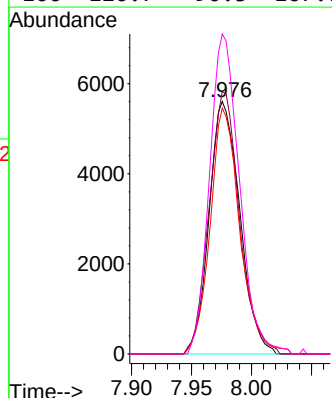
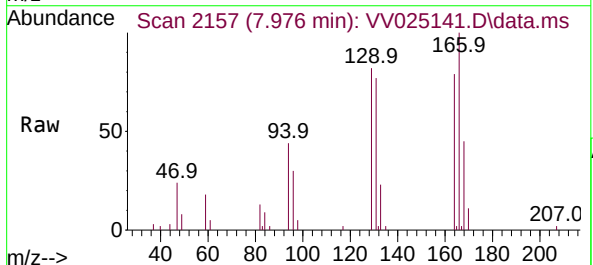
Ion Ratio Lower Upper

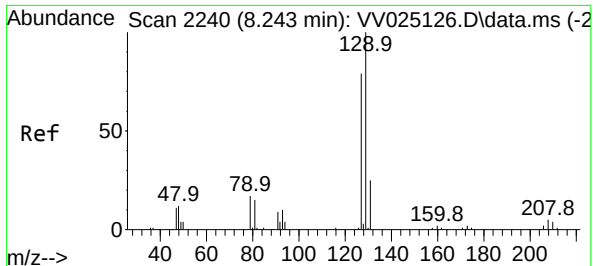
164 100

129 103.9 70.3 130.7

131 97.3 69.4 129.0

166 126.7 90.3 167.7





#49

Dibromochloromethane

Concen: 1.514 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025141.D

Acq: 23 Mar 2022 19:03

Instrument :

MSVOA_V

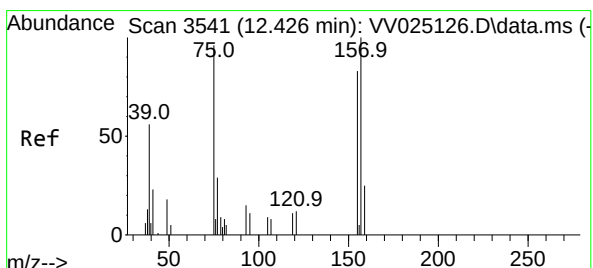
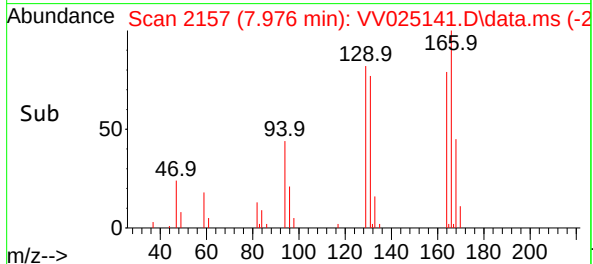
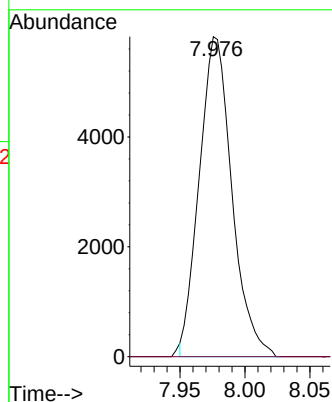
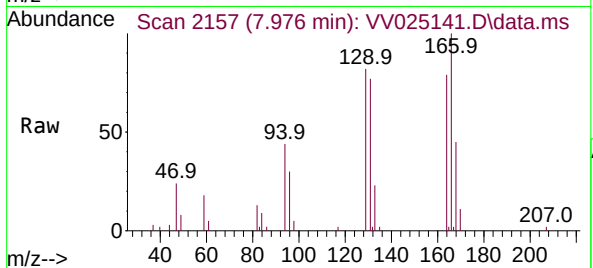
ClientSampleId :

Tgt Ion:129 Resp: 10183

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.246 ug/L

RT: 12.249 min Scan# 3486

Delta R.T. -0.177 min

Lab File: VV025141.D

Acq: 23 Mar 2022 19:03

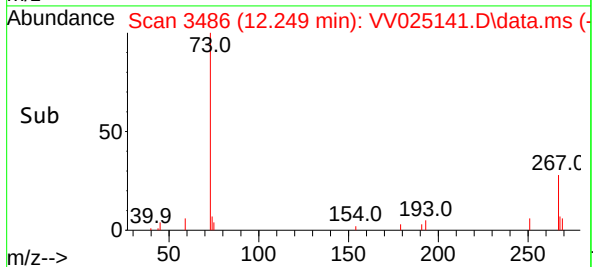
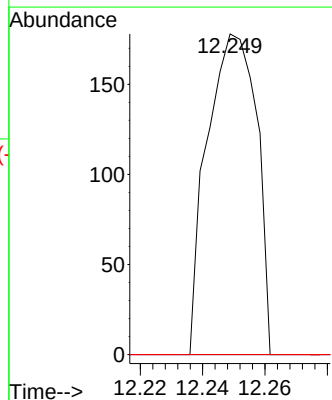
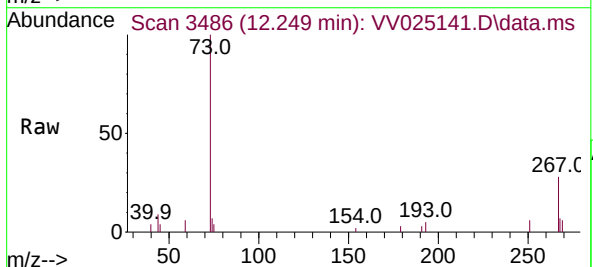
Tgt Ion: 75 Resp: 196

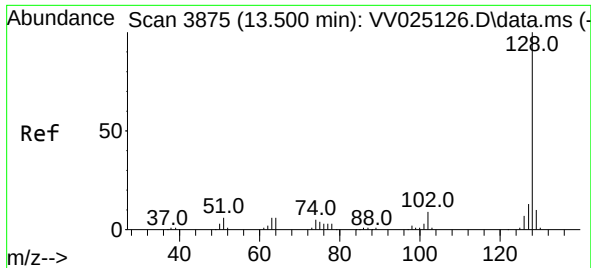
Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

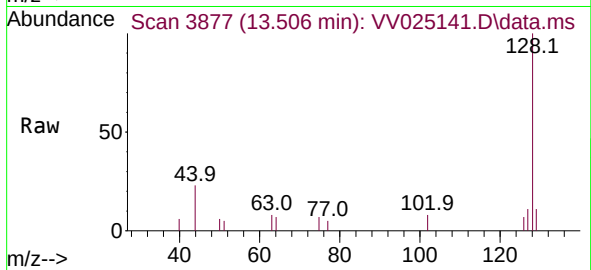
157 0.0 89.7 134.5#





#71
Naphthalene
Concen: 0.211 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV025141.D
Acq: 23 Mar 2022 19:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	3490
Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.5	12.7
127	10.0	9.8	14.8

