

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025351.D
 Acq On : 05 Apr 2022 13:00
 Operator : SY/MD
 Sample : N2261-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY39

Quant Time: Apr 06 01:29:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 06 01:28:15 2022
 Response via : Initial Calibration

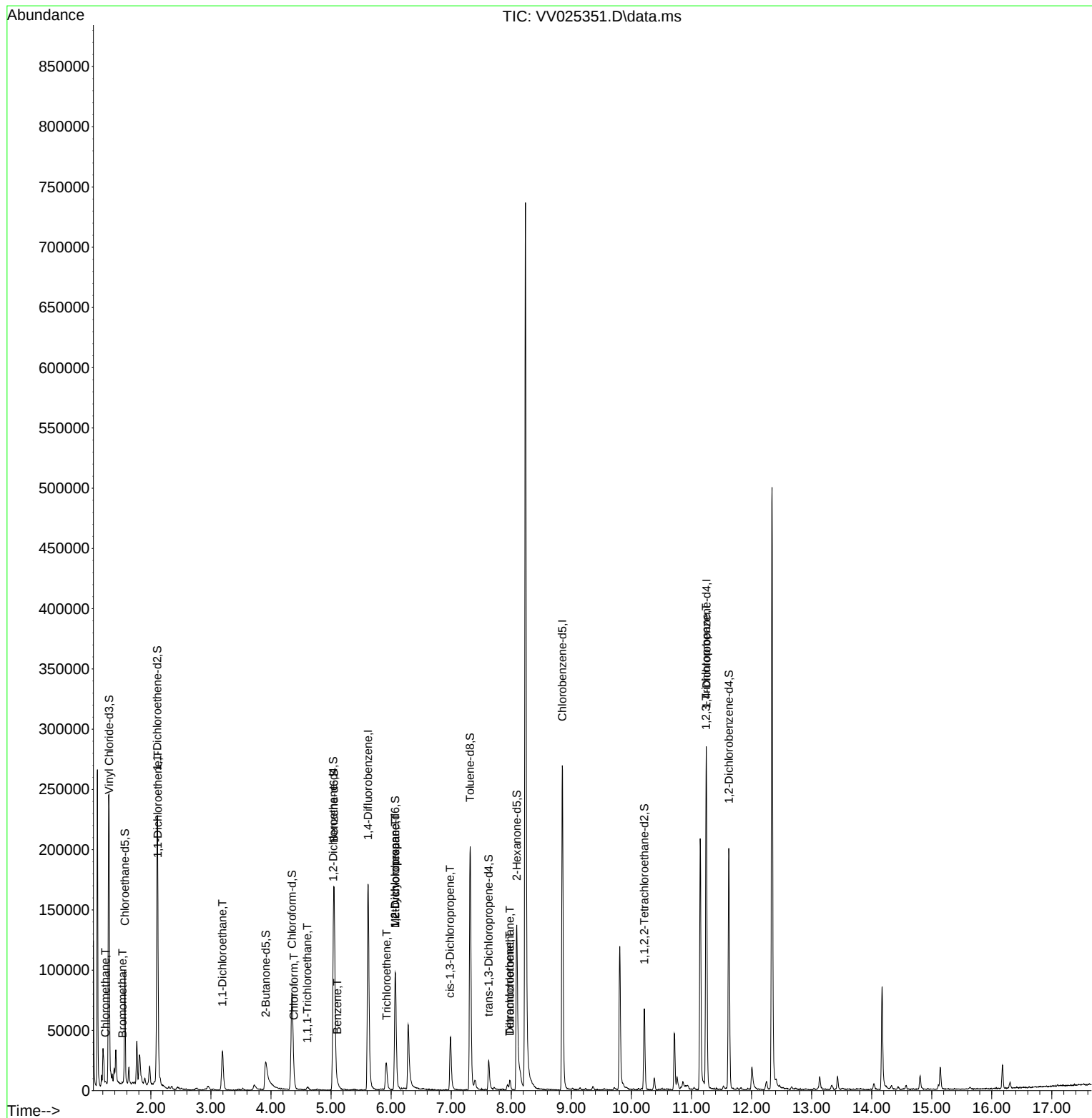
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152793	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59744	4.186	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.567	69	54345	4.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.108	63	97983	3.169	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.400%	
20) 2-Butanone-d5	3.911	46	50108	35.246	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.500%	
24) Chloroform-d	4.349	84	86133	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.037	65	37862	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.050	84	160305	4.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	6.069	67	49287	4.547	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.316	98	137136	3.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15189	4.295	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.091	63	53816	42.138	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32457	4.491	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51259	4.360	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	799	0.044	ug/L	88
6) Bromomethane	1.526	94	562	0.047	ug/L	79
12) 1,1-Dichloroethene	2.117	96	12009	0.781	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	31010	1.682	ug/L	98
25) Chloroform	4.381	83	2573	0.126	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	749	0.041	ug/L #	44
33) Benzene	5.101	78	3261	0.073	ug/L	100
34) Trichloroethene	5.924	95	4244	0.345	ug/L	86
35) Methylcyclohexane	6.069	83	12500	0.648	ug/L #	25
37) 1,2-Dichloropropane	6.069	63	5407	0.520	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	1327	0.098	ug/L #	78
47) Tetrachloroethene	7.976	164	1715	0.189	ug/L	89
49) Dibromochloromethane	7.979	129	1874	0.245	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	9173	1.656	ug/L #	68

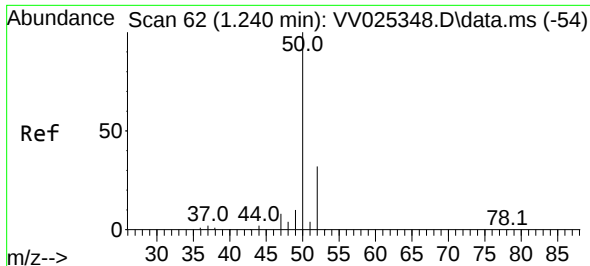
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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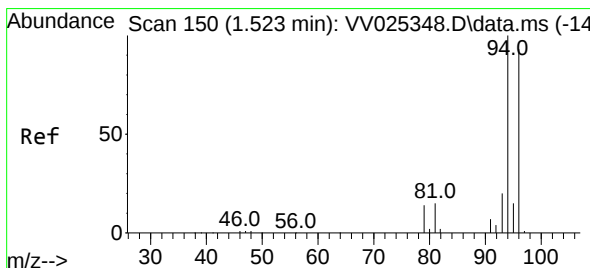
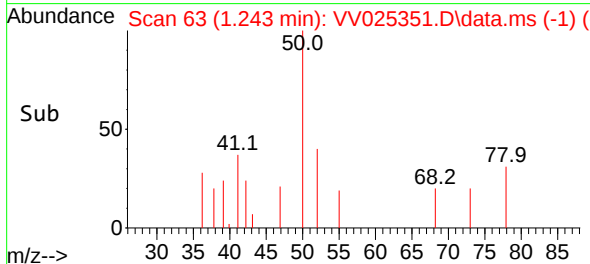
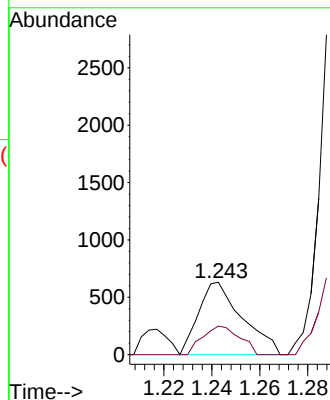
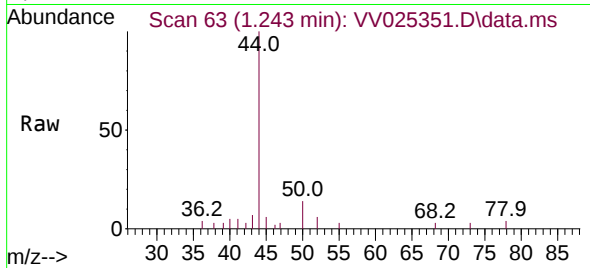




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

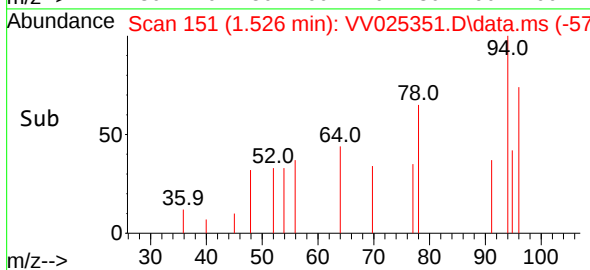
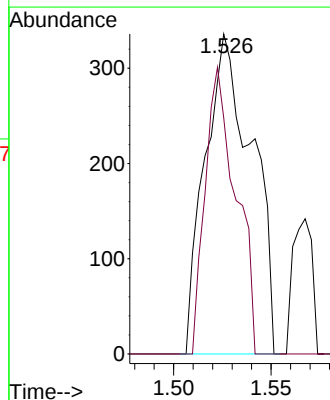
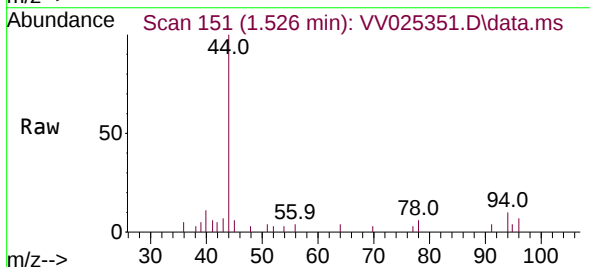
Instrument :
MSVOA_V
ClientSampleId :
BFY39

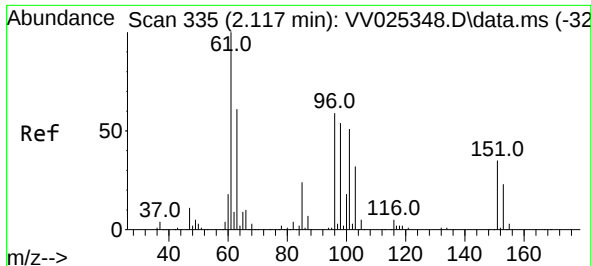
Tgt Ion: 50 Resp: 799
Ion Ratio Lower Upper
50 100
52 39.5 22.9 42.5



#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 73.8 65.5 121.7





#12

1,1-Dichloroethene

Concen: 0.781 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

Instrument :

MSVOA_V

ClientSampleId :

BFY39

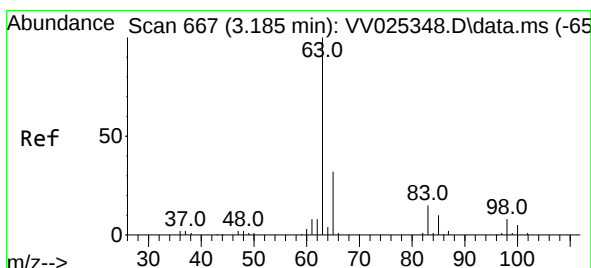
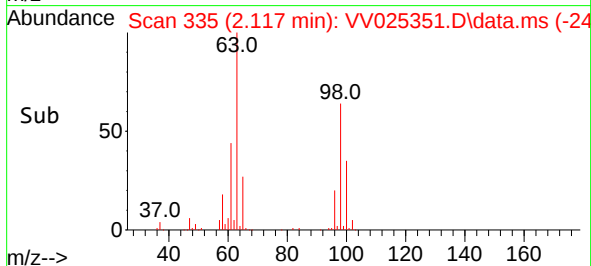
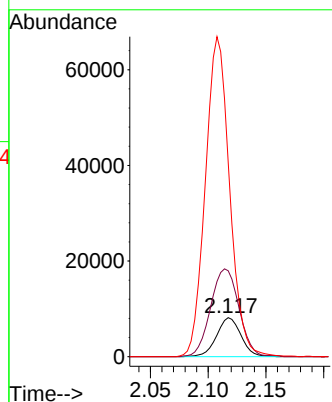
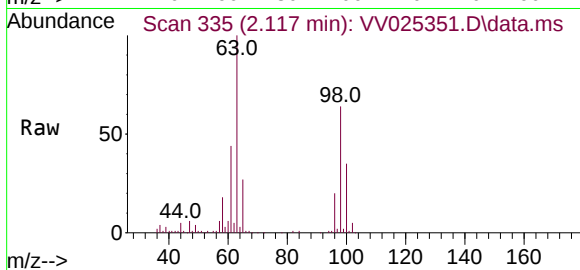
Tgt Ion: 96 Resp: 12009

Ion Ratio Lower Upper

96 100

61 220.2 121.5 225.7

63 497.9 77.9 144.7#



#19

1,1-Dichloroethane

Concen: 1.682 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

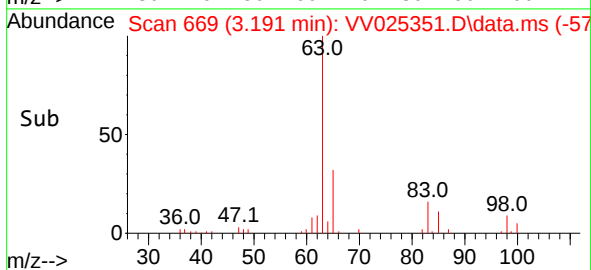
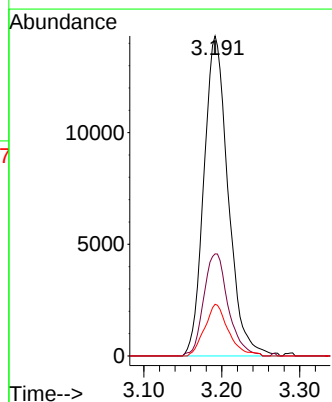
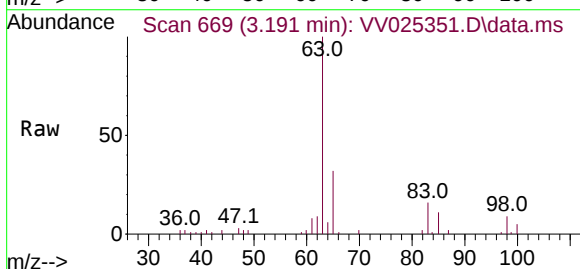
Tgt Ion: 63 Resp: 31010

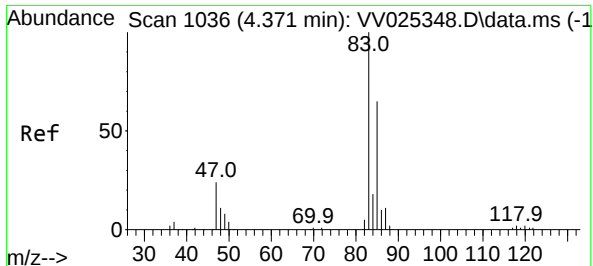
Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 16.2 10.2 19.0





#25

Chloroform

Concen: 0.126 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

Instrument :

MSVOA_V

ClientSampleId :

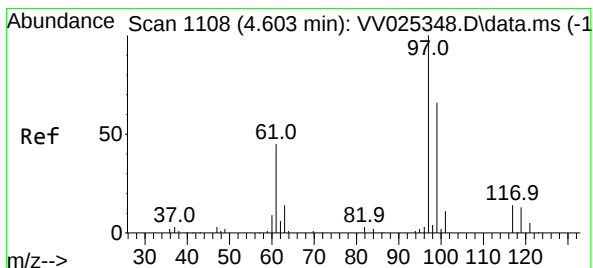
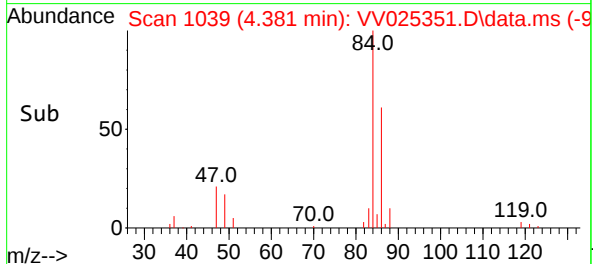
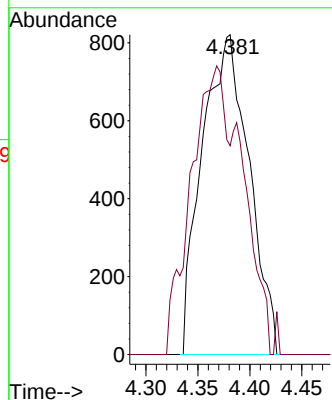
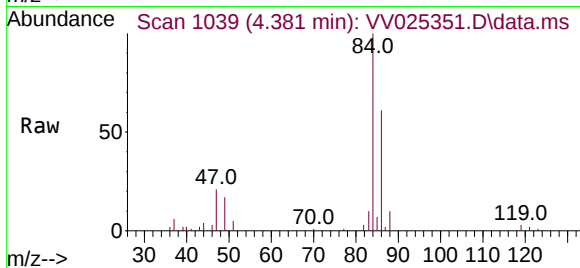
BFY39

Tgt Ion: 83 Resp: 2573

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9



#29

1,1,1-Trichloroethane

Concen: 0.041 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

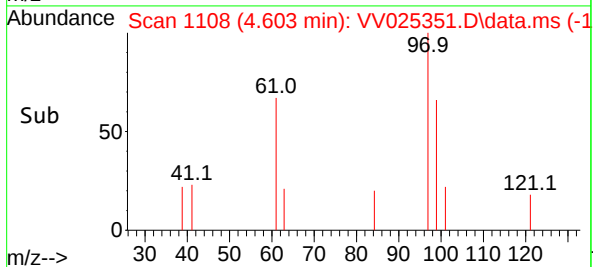
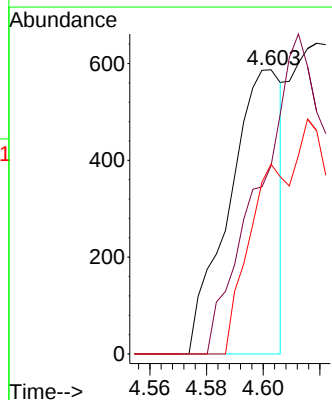
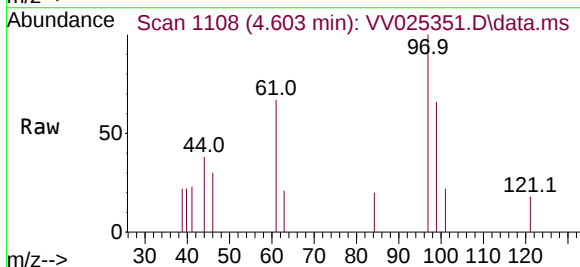
Tgt Ion: 97 Resp: 749

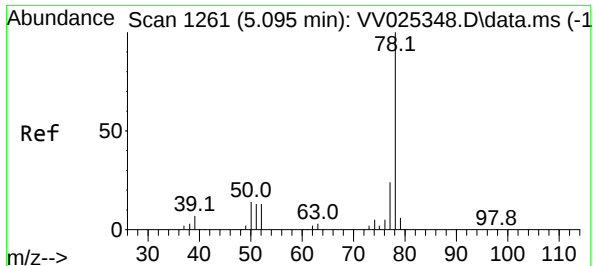
Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

61 52.6 34.2 51.2#

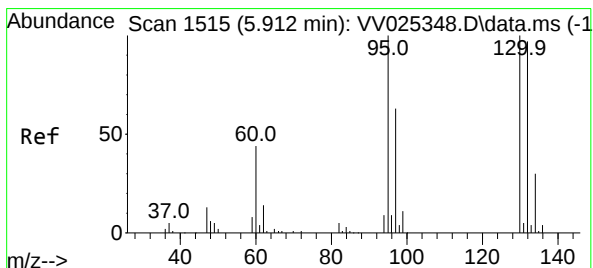
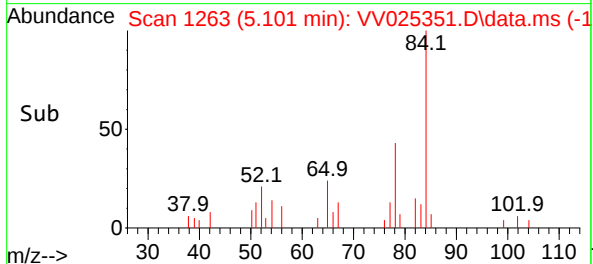
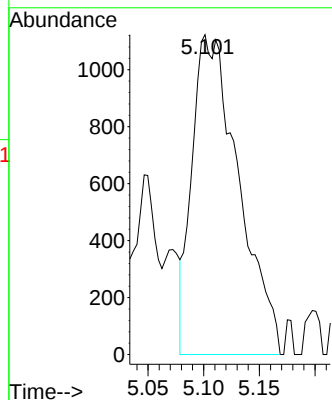
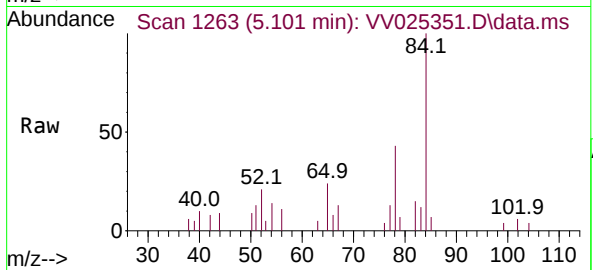




#33
Benzene
Concen: 0.073 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Instrument :
MSVOA_V
ClientSampleId :
BFY39

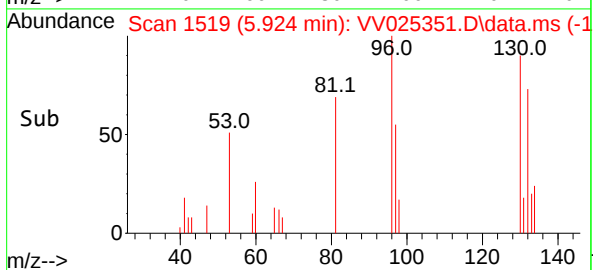
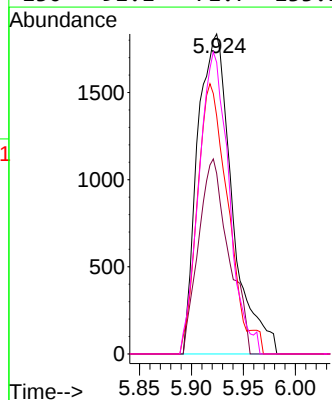
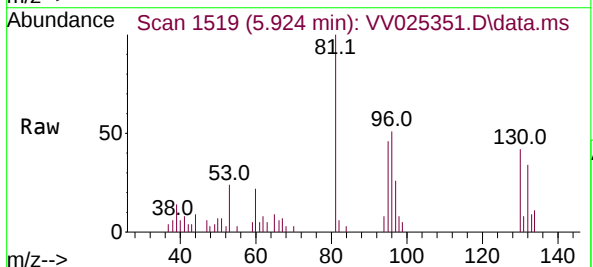
Tgt Ion: 78 Resp: 3261

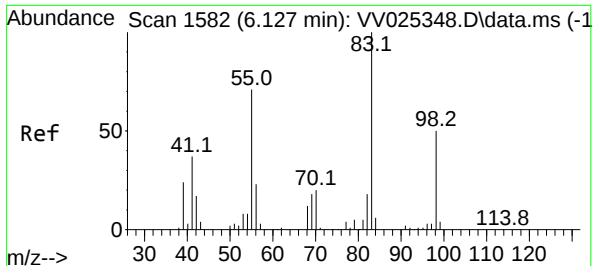


#34
Trichloroethene
Concen: 0.345 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Tgt Ion: 95 Resp: 4244

Ion	Ratio	Lower	Upper
95	100		
97	56.4	46.3	85.9
132	74.3	65.2	121.2
130	91.1	71.7	133.1

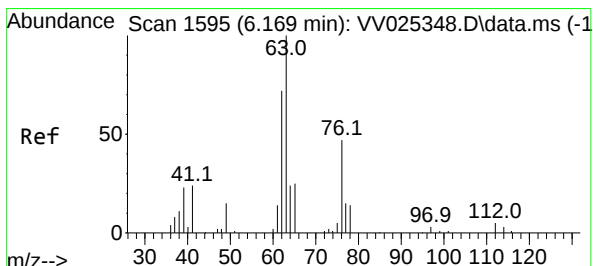
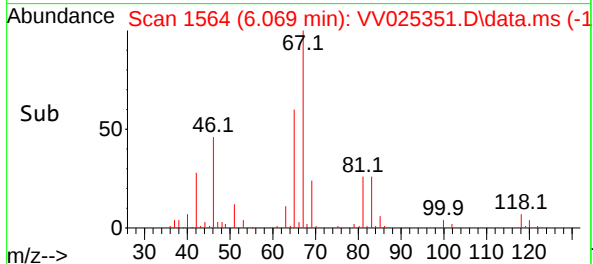
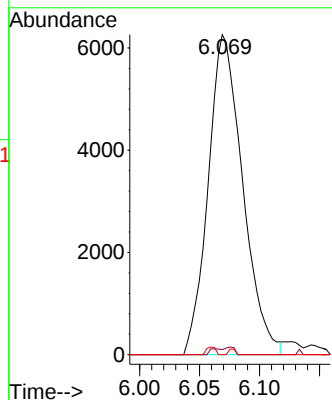
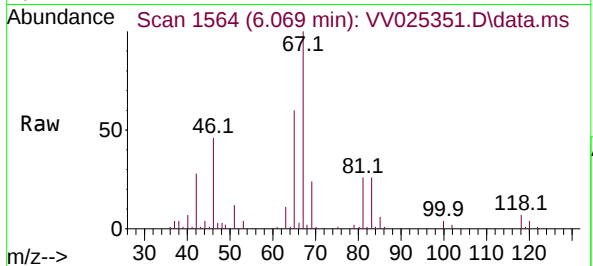




#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

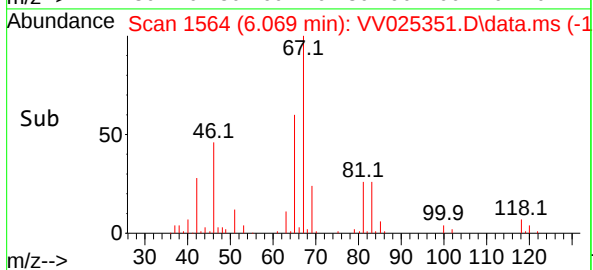
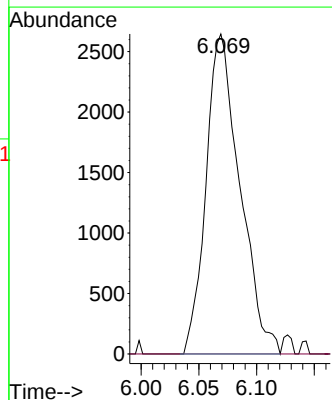
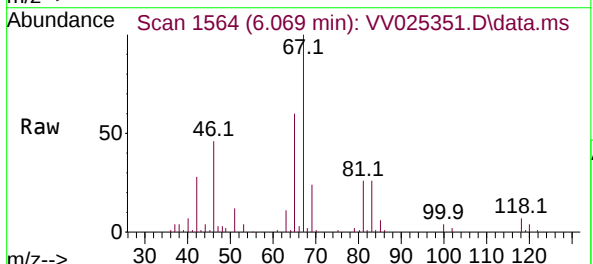
Instrument :
MSVOA_V
ClientSampleId :
BFY39

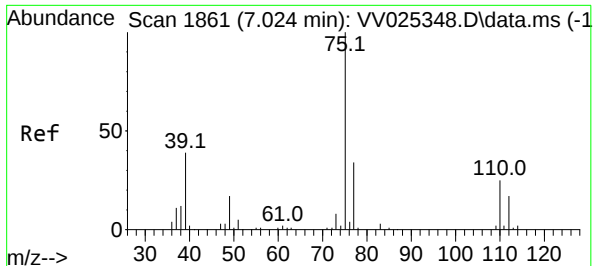
Tgt Ion: 83 Resp: 12500
Ion Ratio Lower Upper
83 100
55 5.2 54.6 81.8#
98 0.3 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Tgt Ion: 63 Resp: 5407
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

Instrument :

MSVOA_V

ClientSampleId :

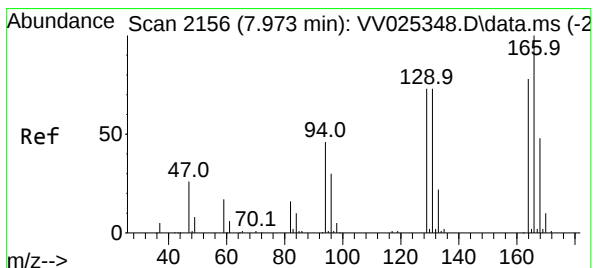
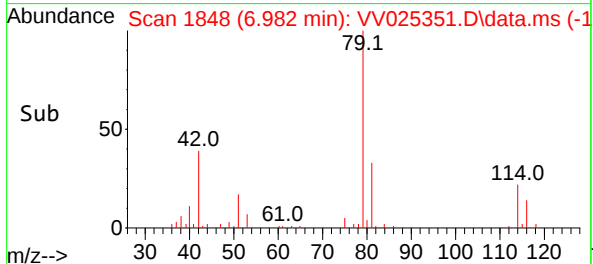
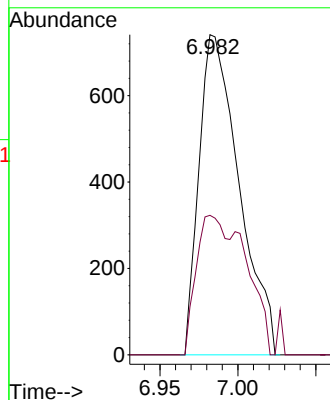
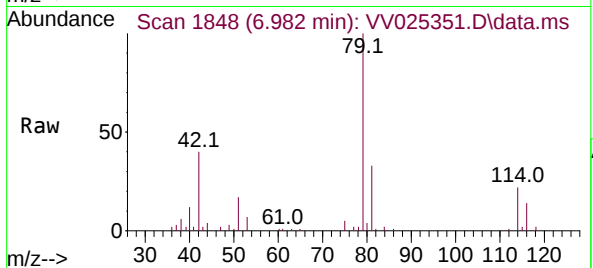
BFY39

Tgt Ion: 75 Resp: 1327

Ion Ratio Lower Upper

75 100

77 43.6 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.189 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025351.D

Acq: 05 Apr 2022 13:00

Tgt Ion: 164 Resp: 1715

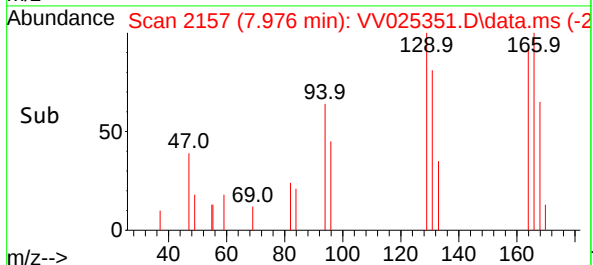
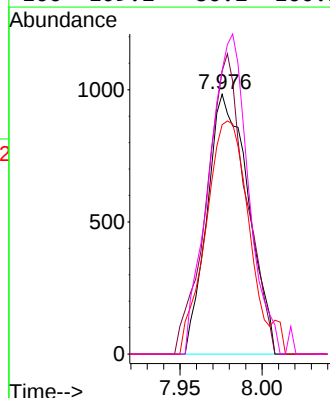
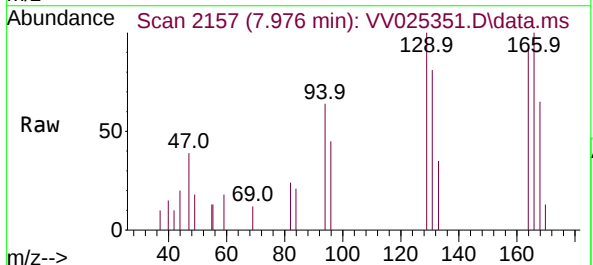
Ion Ratio Lower Upper

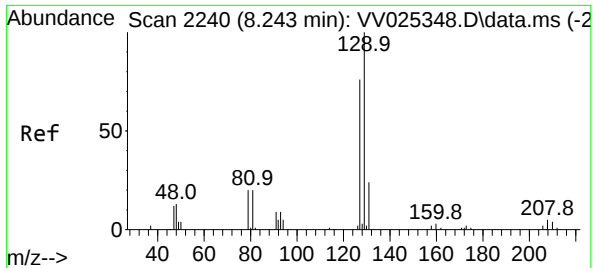
164 100

129 108.9 67.5 125.4

131 88.3 68.0 126.4

166 109.2 86.2 160.2

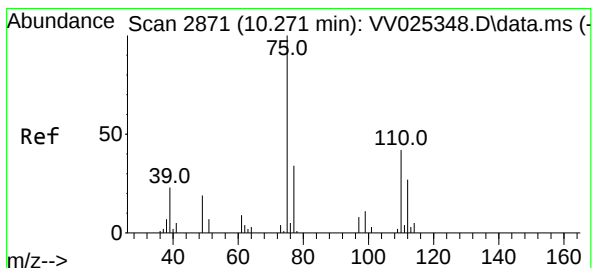
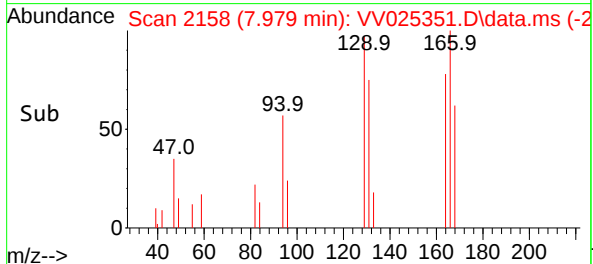
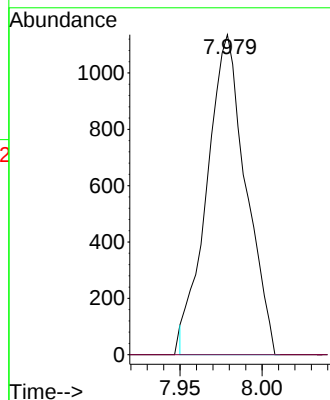
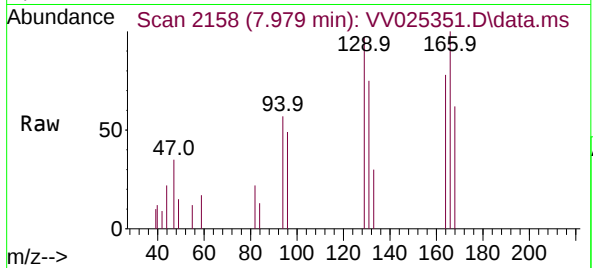




#49
Dibromochloromethane
Concen: 0.245 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:129 Resp: 1874
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#61
1,2,3-Trichloropropane
Concen: 1.656 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV025351.D
Acq: 05 Apr 2022 13:00

Tgt Ion: 75 Resp: 9173
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
110 4.4 31.6 47.4#

