

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029051.D
 Acq On : 17 Nov 2022 05:29
 Operator : SY/MD
 Sample : N5592-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB7DL

Quant Time: Nov 17 06:30:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

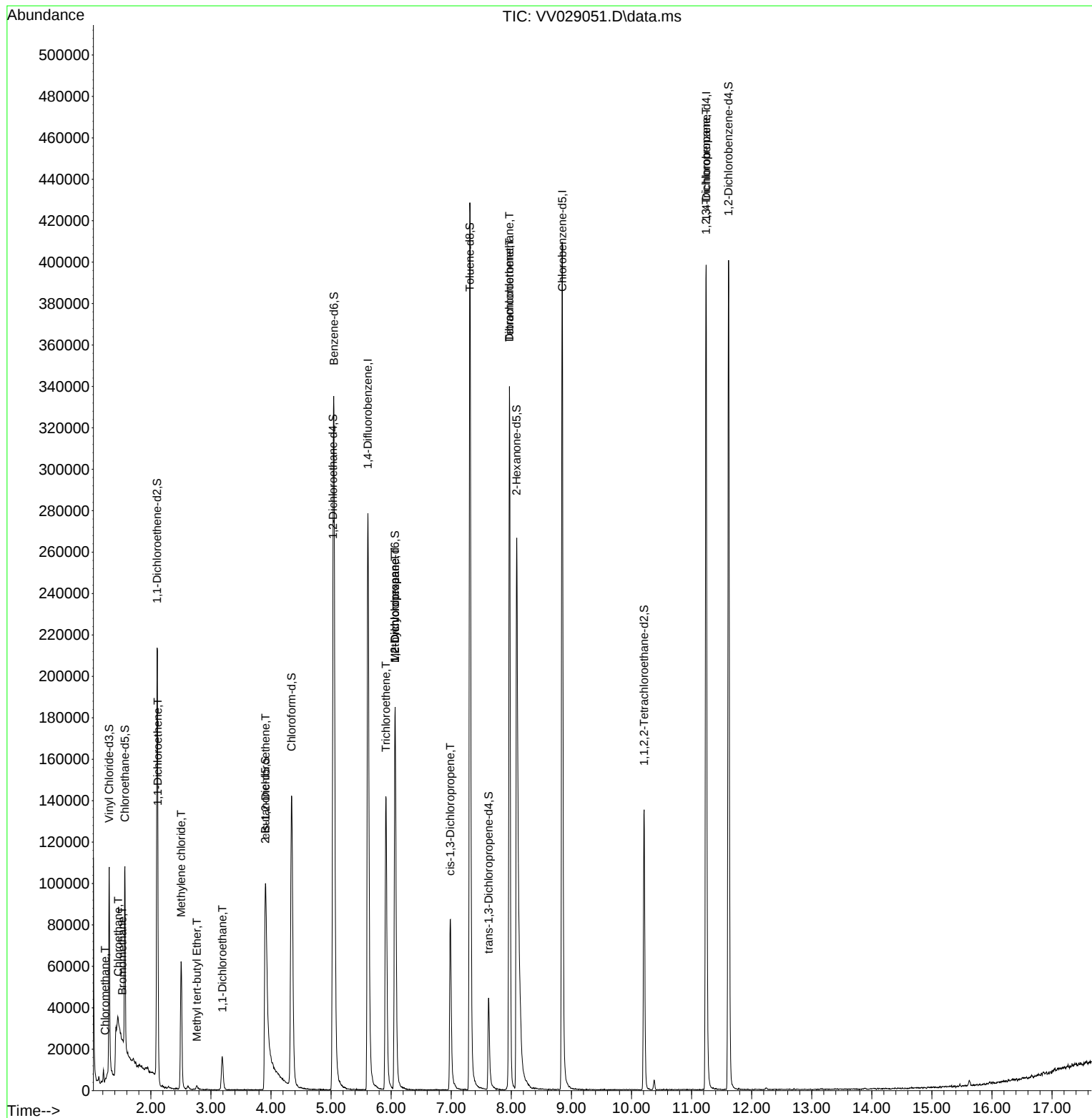
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	274411	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	118911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71261	4.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.568	69	58350	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.104	63	100413	3.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.905	46	110123	39.324	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.640%
24) Chloroform-d	4.342	84	160157	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.030	65	73410	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.047	84	338607	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	95407	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	311755	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.622	79	30760	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	131774	45.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68988	4.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	115484	5.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1170	0.062	ug/L	92
6) Bromomethane	1.523	94	529	0.041	ug/L	99
8) Chloroethane	1.458	64	74334	5.841	ug/L #	53
12) 1,1-Dichloroethene	2.117	96	10786	0.649	ug/L #	1
16) Methylene chloride	2.503	84	29008	1.351	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	1397	0.039	ug/L	96
19) 1,1-Dichloroethane	3.188	63	17447	0.554	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	31163	1.591	ug/L	99
34) Trichloroethene	5.911	95	53029	2.708	ug/L	98
35) Methylcyclohexane	6.066	83	24889	0.723	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9874	0.560	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2017	0.082	ug/L #	61
47) Tetrachloroethene	7.969	164	81384	5.190	ug/L	99
49) Dibromochloromethane	7.969	129	70372	5.040	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11789	1.451	ug/L #	65

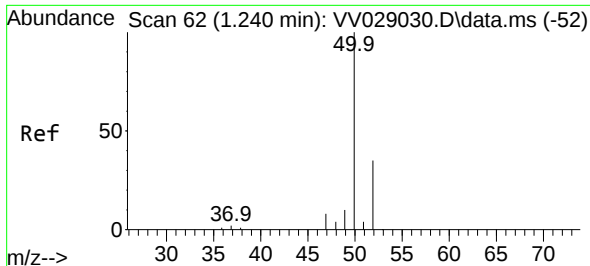
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029051.D
Acq On : 17 Nov 2022 05:29
Operator : SY/MD
Sample : N5592-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AB7DL

Quant Time: Nov 17 06:30:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

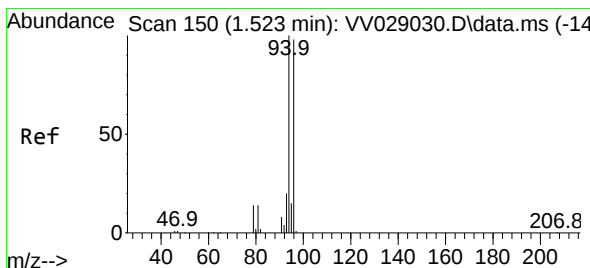
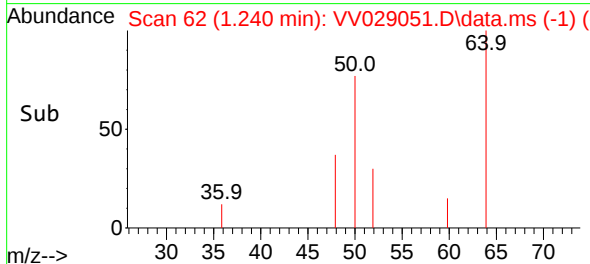
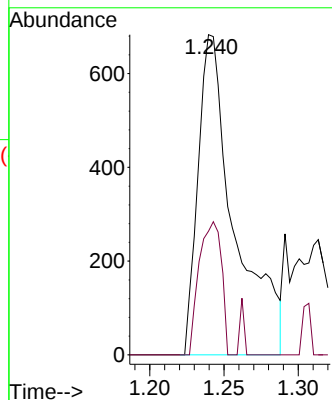
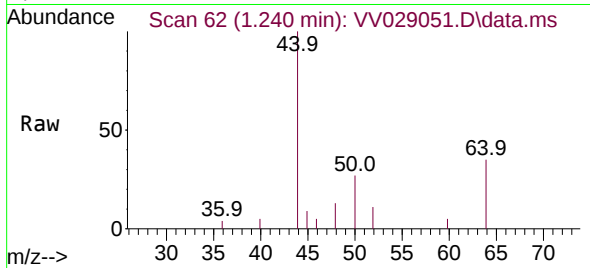




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

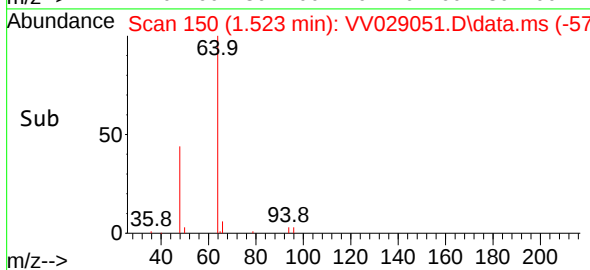
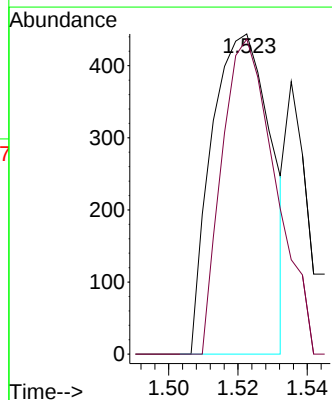
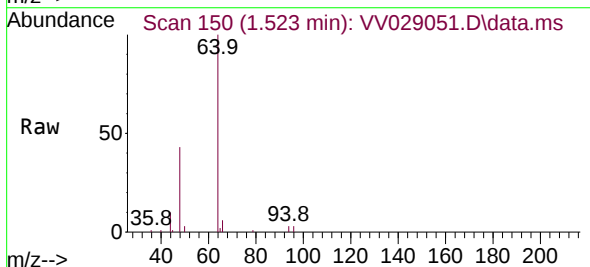
Instrument :
MSVOA_V
ClientSampleId :
H0AB7DL

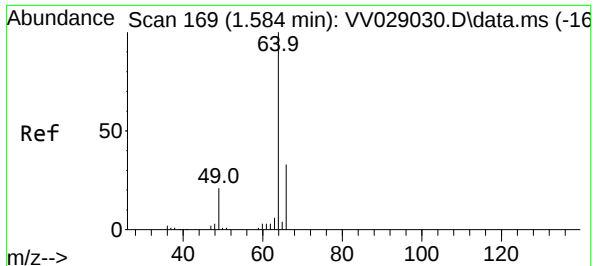
Tgt Ion: 50 Resp: 1170
Ion Ratio Lower Upper
50 100
52 38.7 23.7 43.9



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 98.4 68.5 127.3

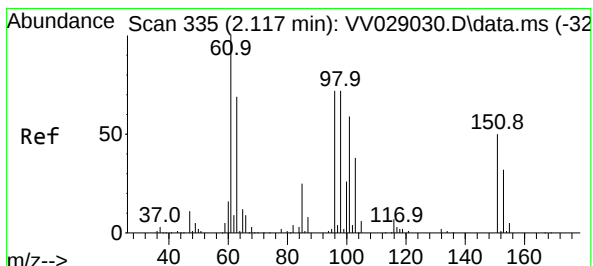
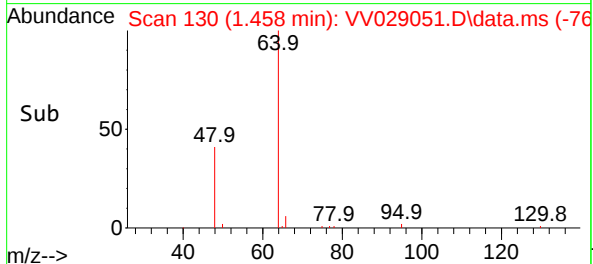
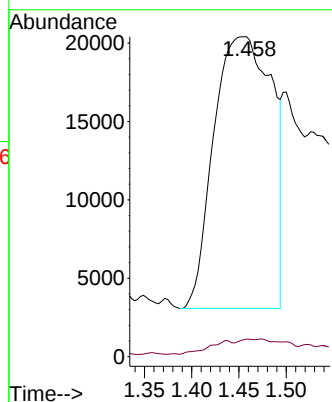
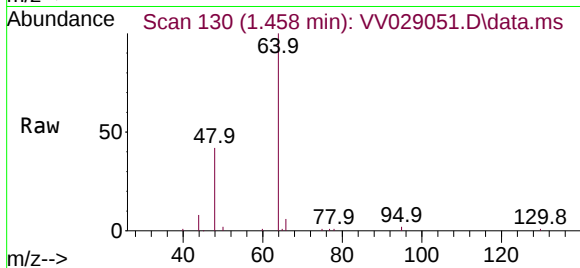




#8
Chloroethane
Concen: 5.841 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.125 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

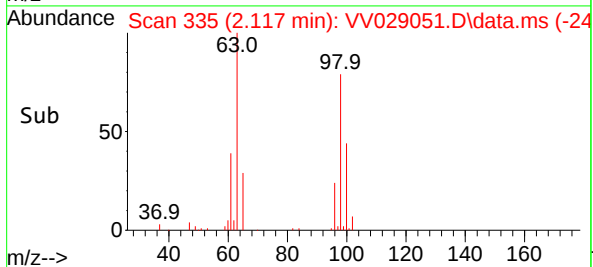
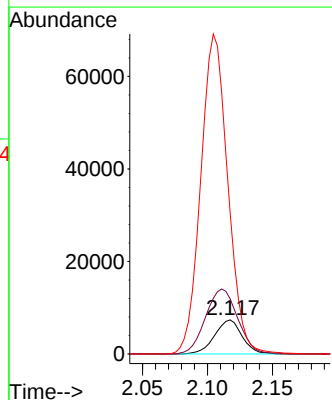
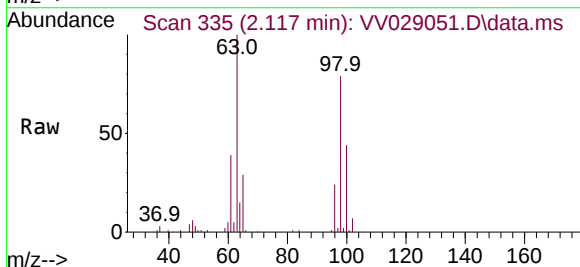
Instrument :
MSVOA_V
ClientSampleId :
H0AB7DL

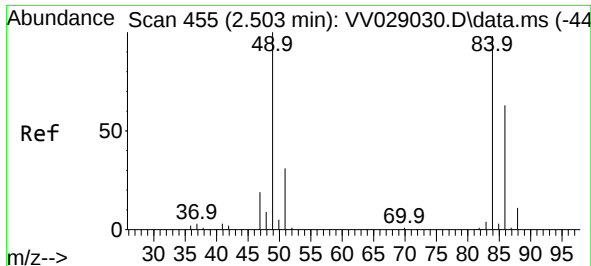
Tgt Ion: 64 Resp: 74334
Ion Ratio Lower Upper
64 100
66 5.5 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.649 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

Tgt Ion: 96 Resp: 10786
Ion Ratio Lower Upper
96 100
61 161.8 104.2 193.4
63 414.6 75.9 140.9#

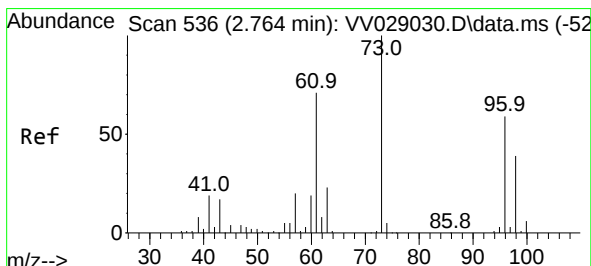
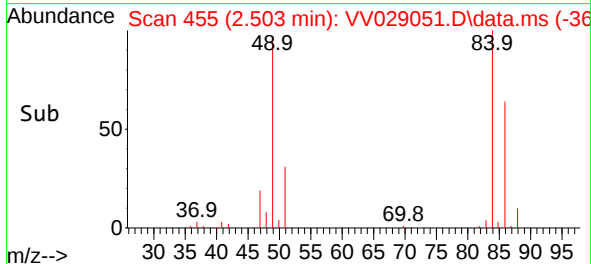
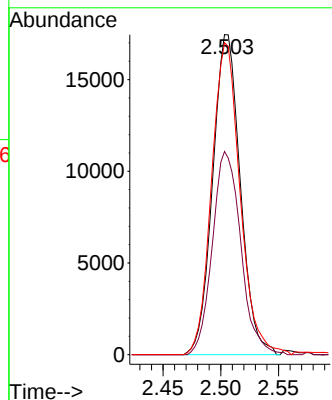
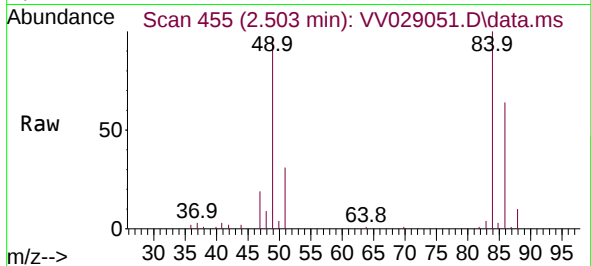




#16
Methylene chloride
Concen: 1.351 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

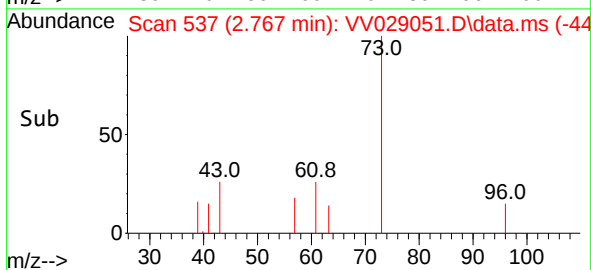
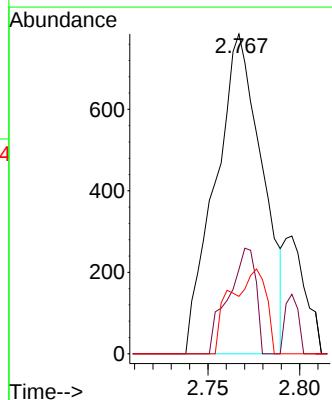
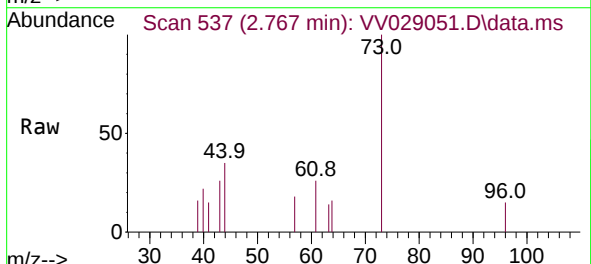
Instrument :
MSVOA_V
ClientSampleId :
H0AB7DL

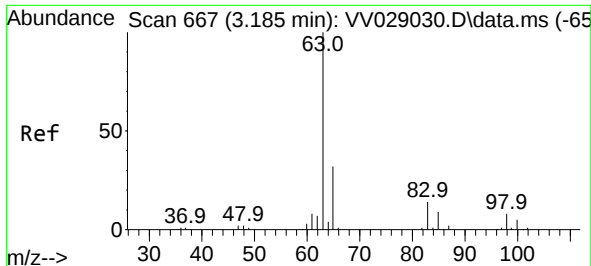
Tgt Ion: 84 Resp: 29008
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.0
49 97.5 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.039 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

Tgt Ion: 73 Resp: 1397
Ion Ratio Lower Upper
73 100
43 19.3 13.0 19.4
57 19.9 16.6 24.8





#19

1,1-Dichloroethane

Concen: 0.554 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

H0AB7DL

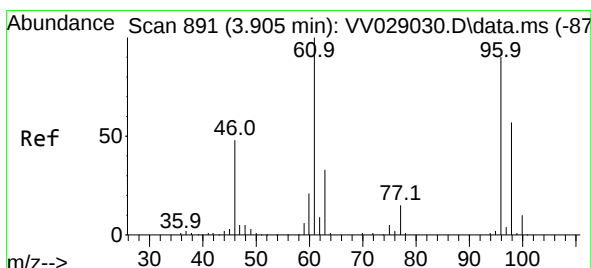
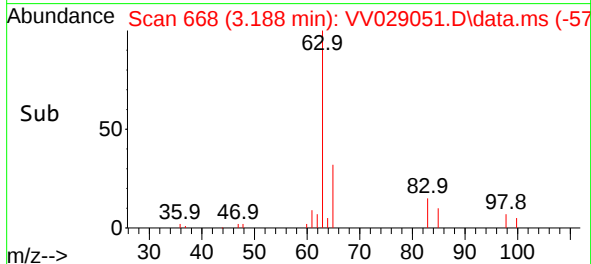
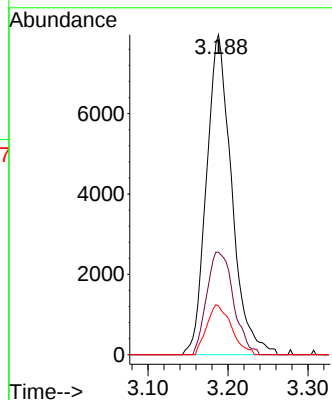
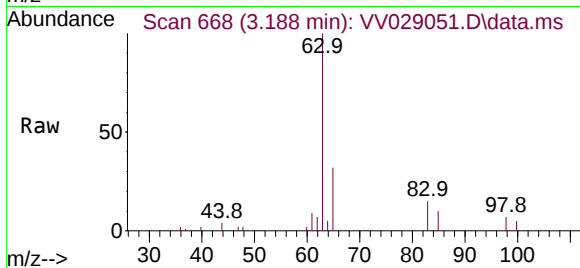
Tgt Ion: 63 Resp: 17447

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.6

83 15.3 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 1.591 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

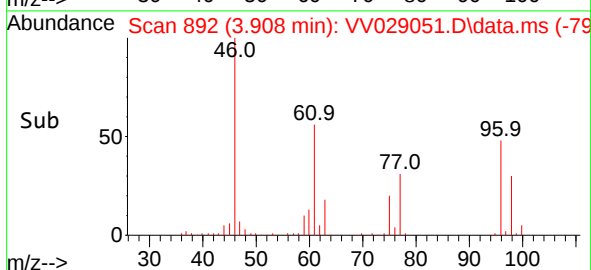
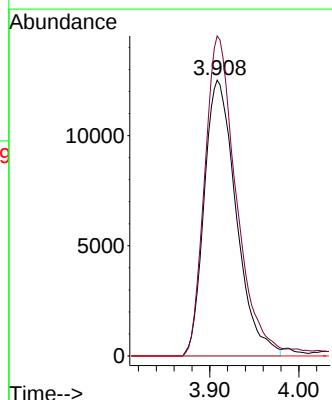
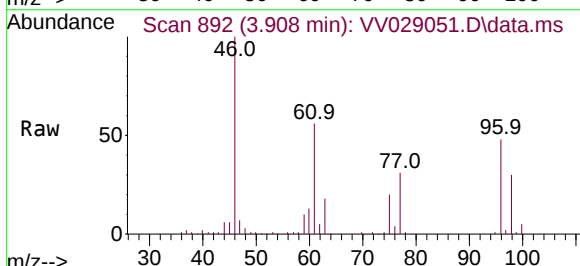
Tgt Ion: 96 Resp: 31163

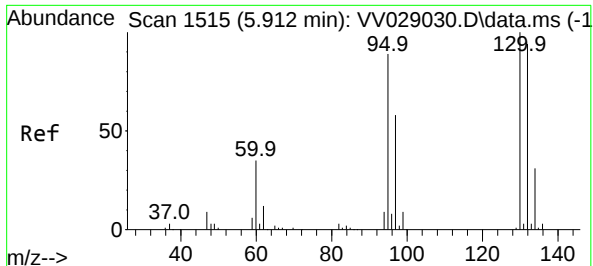
Ion Ratio Lower Upper

96 100

61 116.0 82.3 152.9

68 0.0 0.0 0.0

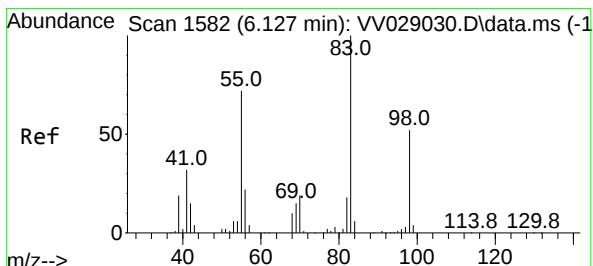
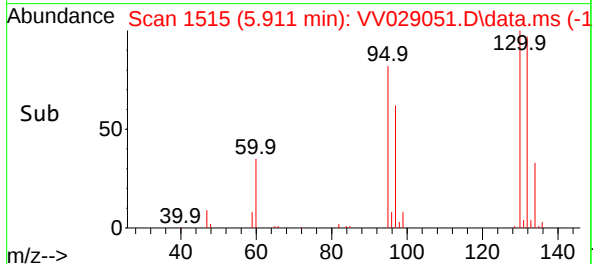
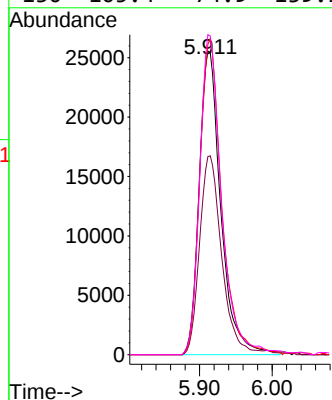
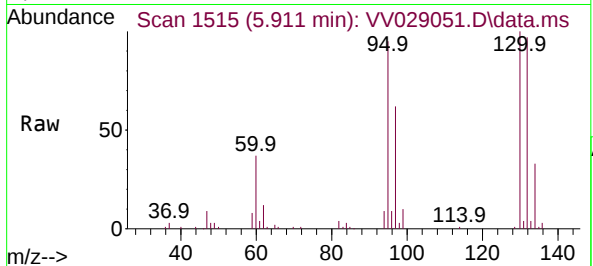




#34
Trichloroethene
Concen: 2.708 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

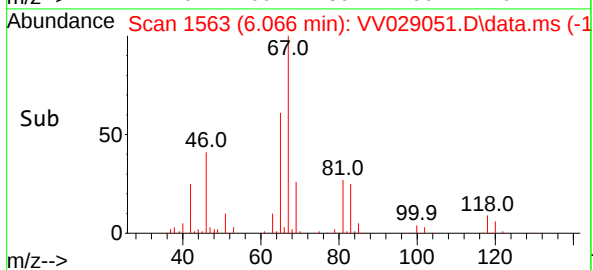
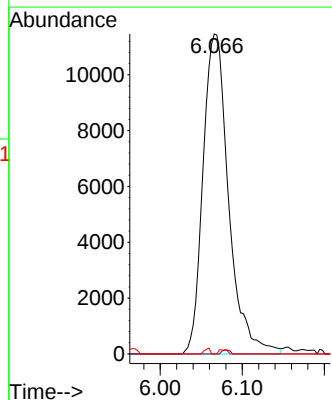
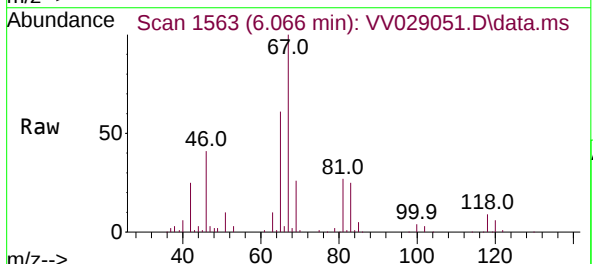
Instrument :
MSVOA_V
ClientSampleId :
H0AB7DL

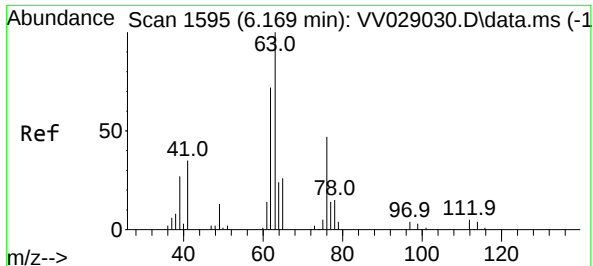
Tgt Ion:	95	Resp:	53029
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.8
132	102.1	69.1	128.3
130	105.4	74.9	139.1



#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029051.D
Acq: 17 Nov 2022 05:29

Tgt Ion:	83	Resp:	24889
Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.8	83.6#
98	0.4	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

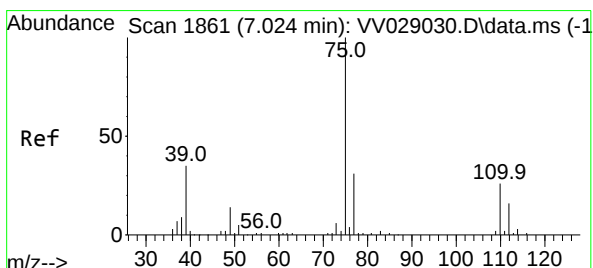
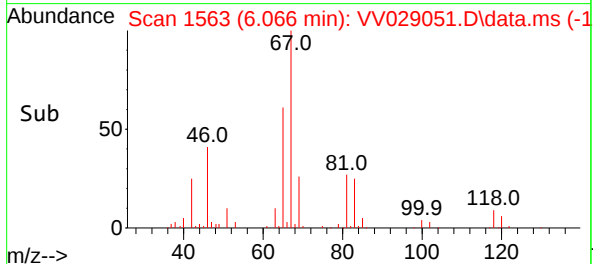
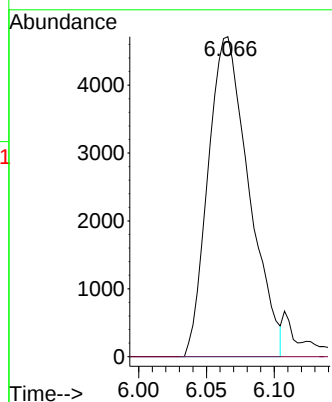
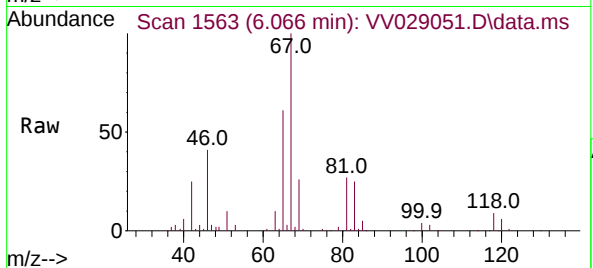
H0AB7DL

Tgt Ion: 63 Resp: 9874

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV029051.D

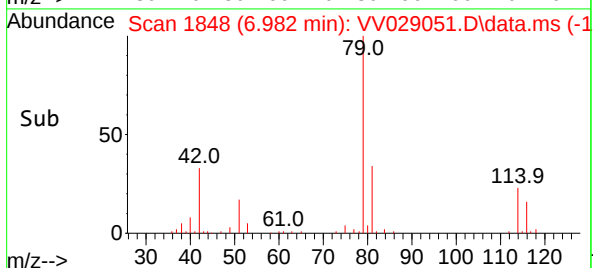
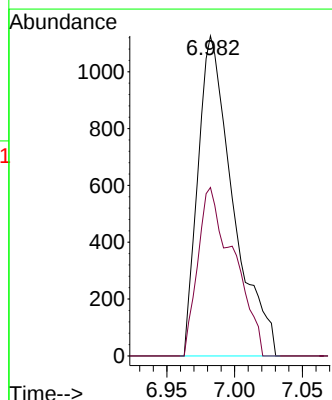
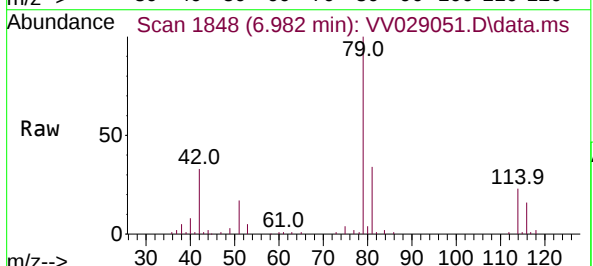
Acq: 17 Nov 2022 05:29

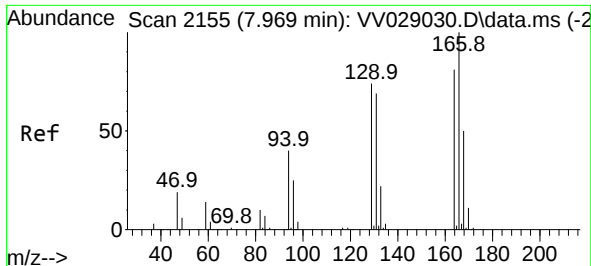
Tgt Ion: 75 Resp: 2017

Ion Ratio Lower Upper

75 100

77 52.7 21.8 40.6#





#47

Tetrachloroethene

Concen: 5.190 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

H0AB7DL

Tgt Ion:164 Resp: 81384

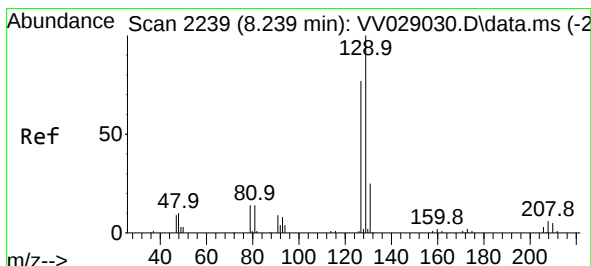
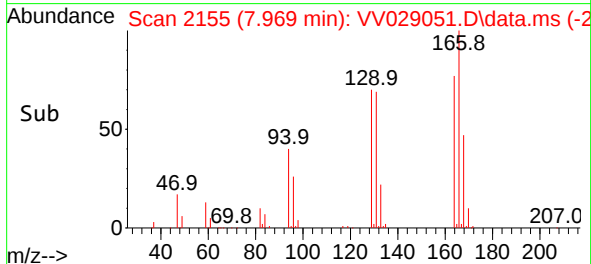
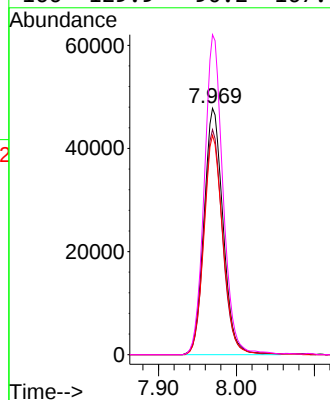
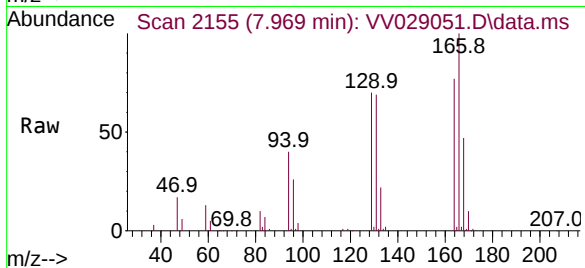
Ion Ratio Lower Upper

164 100

129 91.4 63.9 118.7

131 89.1 61.8 114.8

166 129.9 90.2 167.4



#49

Dibromochloromethane

Concen: 5.040 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029051.D

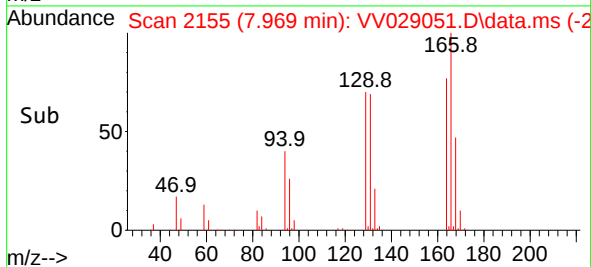
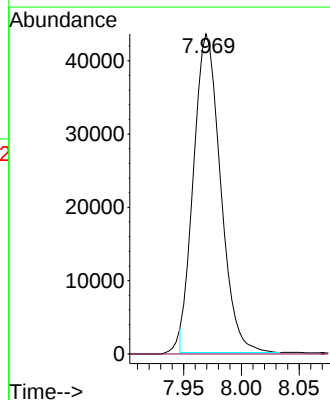
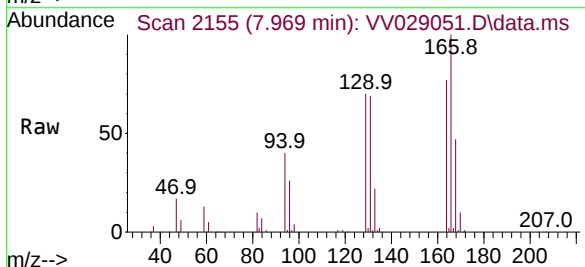
Acq: 17 Nov 2022 05:29

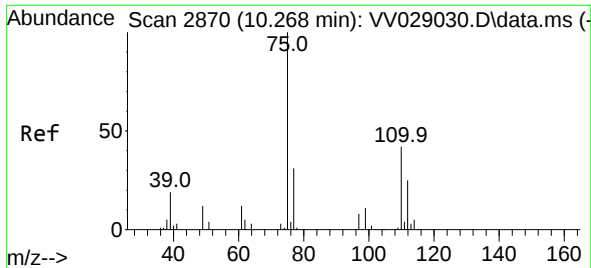
Tgt Ion:129 Resp: 70372

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.451 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029051.D

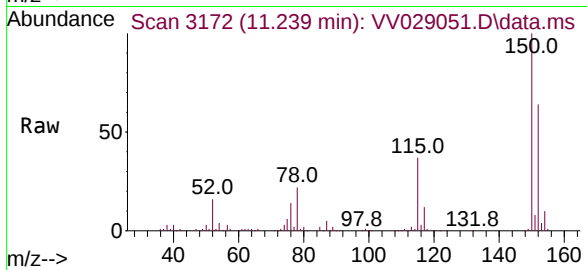
Acq: 17 Nov 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

H0AB7DL



Tgt Ion: 75 Resp: 11789

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

110 2.9 32.6 48.8#

