

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029060.D
 Acq On : 17 Nov 2022 13:51
 Operator : SY/MD
 Sample : N5592-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1DL

Quant Time: Nov 18 01:41:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

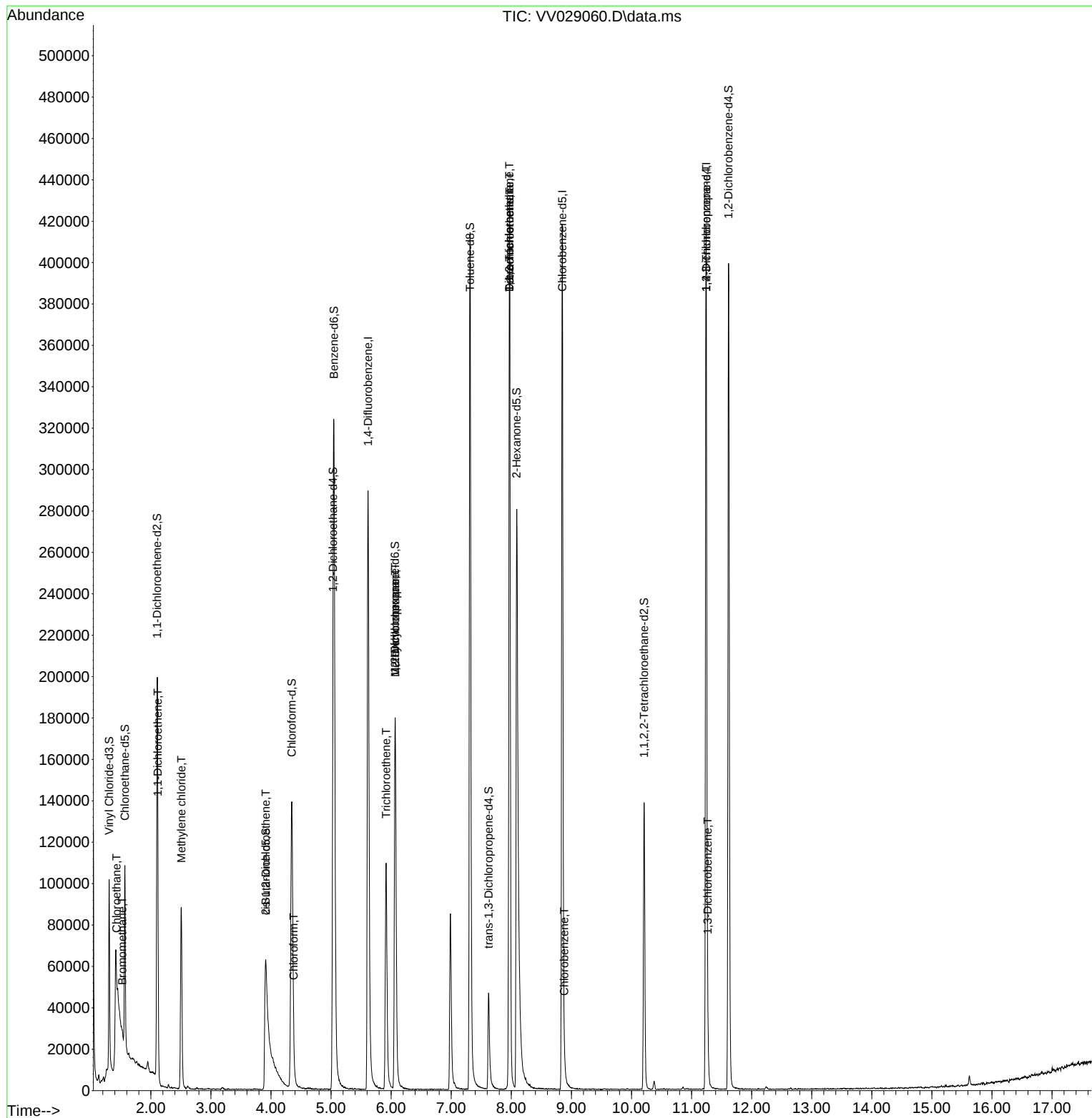
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	276169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	257163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	122311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63712	3.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.567	69	54452	3.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.104	63	93048	3.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.911	46	121406	43.077	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.160%
24) Chloroform-d	4.346	84	154835	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.030	65	72122	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.046	84	325475	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	94266	4.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.313	98	299795	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.622	79	32912	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	133403	44.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.420%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70450	4.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	114489	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.522	94	834	0.064	ug/L	95
8) Chloroethane	1.429	64	177759	13.880	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	8917	0.533	ug/L #	1
16) Methylene chloride	2.506	84	40719	1.884	ug/L	97
22) cis-1,2-Dichloroethene	3.911	96	4994	0.253	ug/L	87
25) Chloroform	4.378	83	2969	0.089	ug/L #	62
34) Trichloroethene	5.915	95	40844	2.030	ug/L	96
35) Methylcyclohexane	6.069	83	23529	0.665	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	10021	0.553	ug/L #	86
45) 1,1,2-Trichloroethane	7.969	97	911	0.077	ug/L #	19
47) Tetrachloroethene	7.972	164	103513	6.426	ug/L	98
49) Dibromochloromethane	7.969	129	88325	6.158	ug/L #	10
51) Chlorobenzene	8.882	112	2699	0.051	ug/L #	87
61) 1,2,3-Trichloropropane	11.242	75	13260	1.586	ug/L #	63
64) 1,3-Dichlorobenzene	11.268	146	5326	0.143	ug/L	94

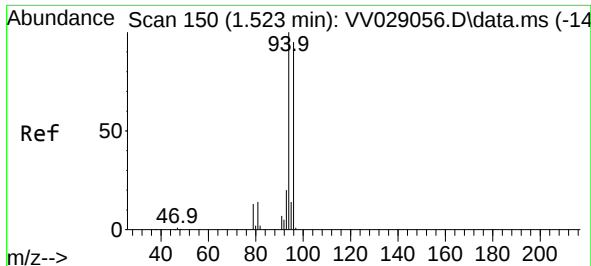
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 01:41:57 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 01:37:41 2022
Response via : Initial Calibration

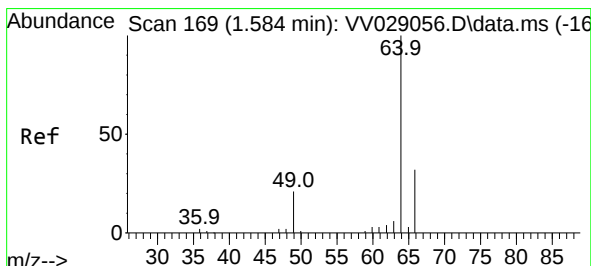
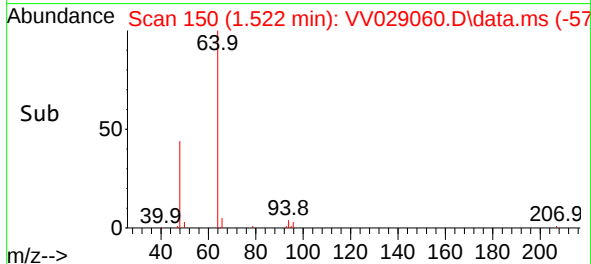
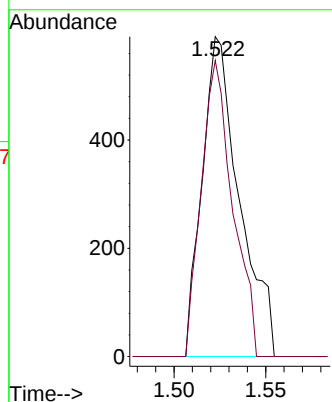
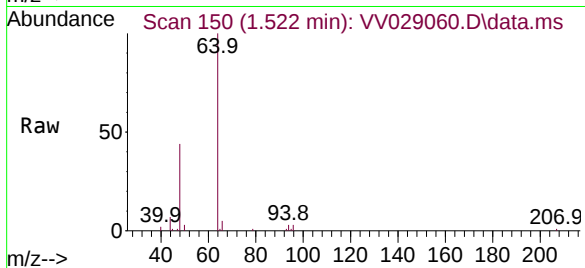




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.522 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

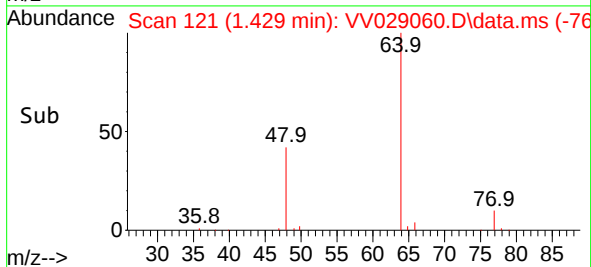
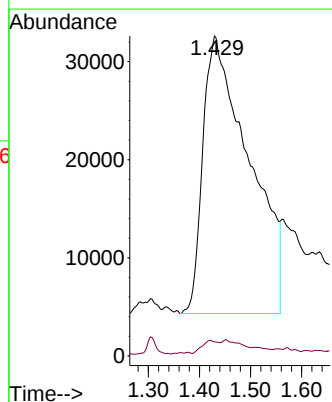
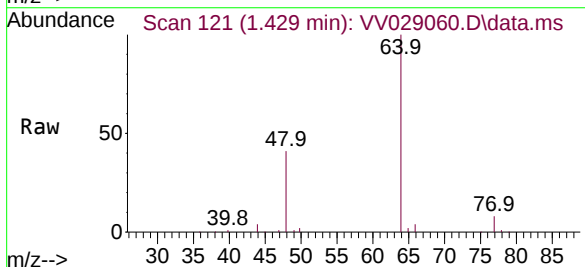
Instrument :
MSVOA_V
ClientSampleId :
H0AB1DL

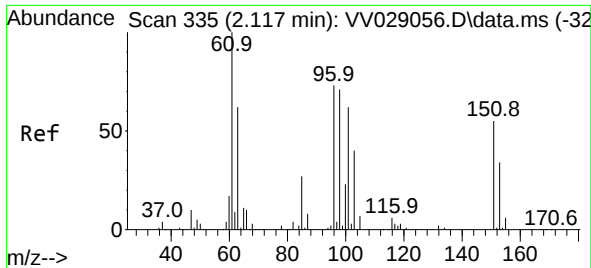
Tgt Ion: 94 Resp: 834
Ion Ratio Lower Upper
94 100
96 92.6 68.5 127.3



#8
Chloroethane
Concen: 13.880 ug/L
RT: 1.429 min Scan# 121
Delta R.T. -0.154 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

Tgt Ion: 64 Resp: 177759
Ion Ratio Lower Upper
64 100
66 4.4 22.0 40.8#

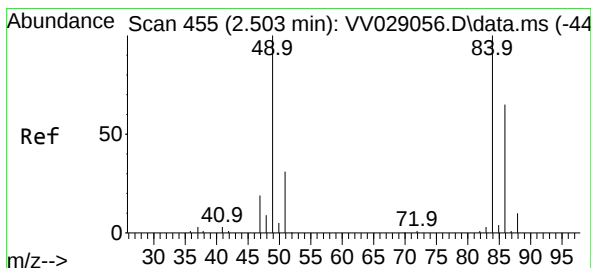
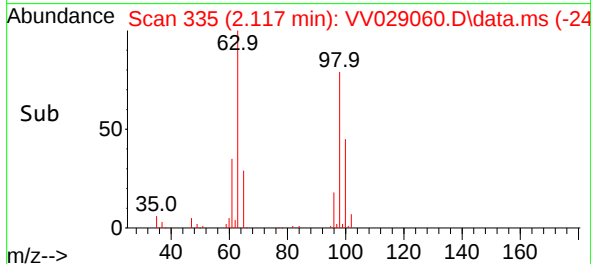
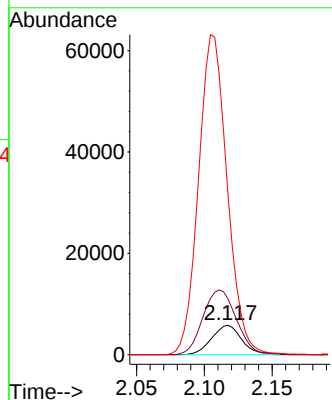
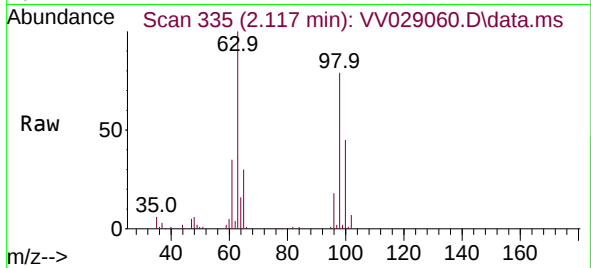




#12
1,1-Dichloroethene
Concen: 0.533 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

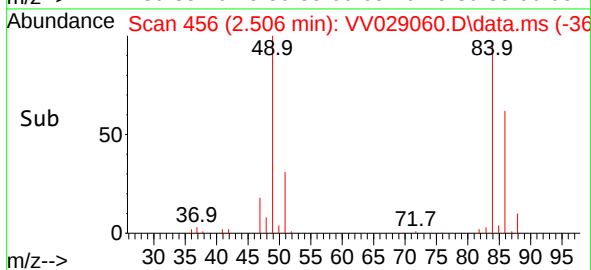
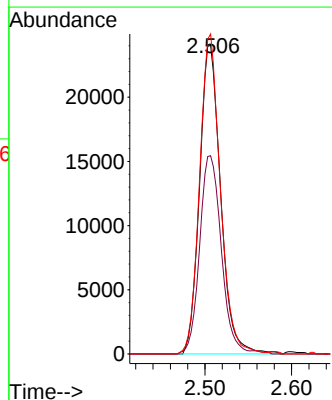
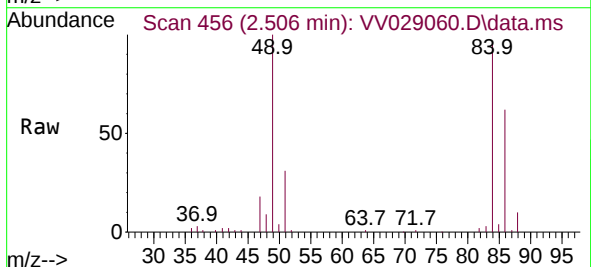
Instrument :
MSVOA_V
ClientSampleId :
H0AB1DL

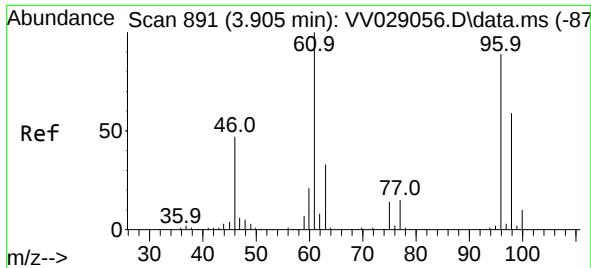
Tgt Ion: 96 Resp: 8917
Ion Ratio Lower Upper
96 100
61 190.4 104.2 193.4
63 549.6 75.9 140.9#



#16
Methylene chloride
Concen: 1.884 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

Tgt Ion: 84 Resp: 40719
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 103.7 75.5 140.1

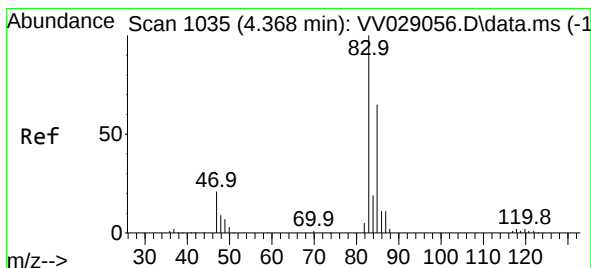
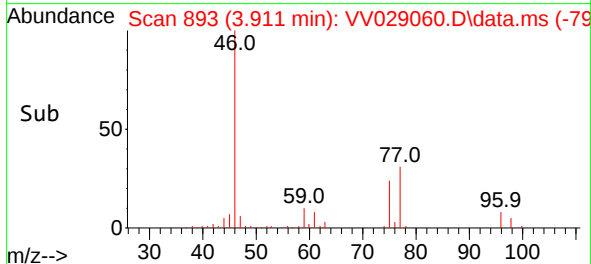
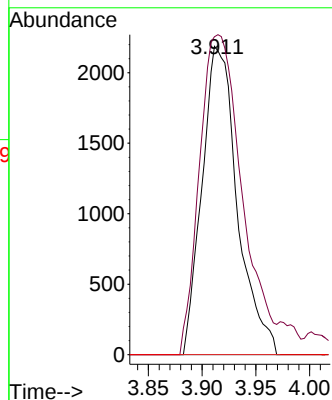
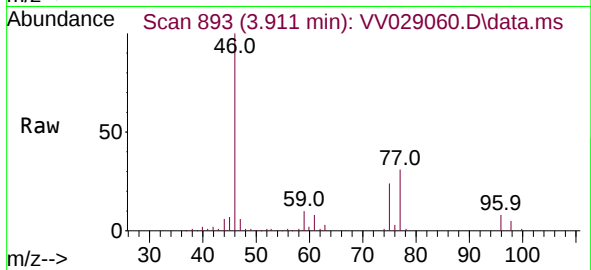




#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 3.911 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

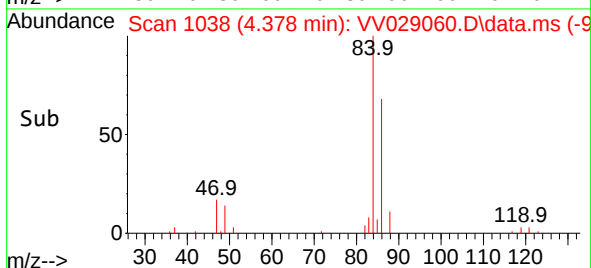
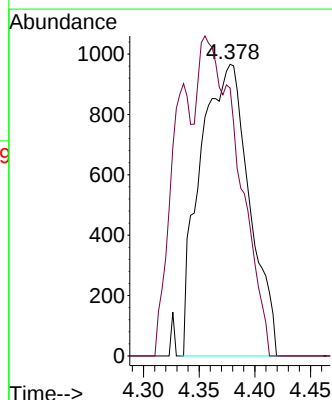
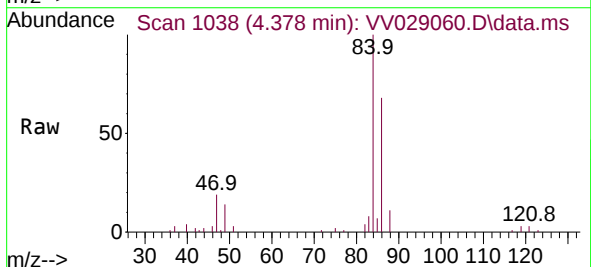
Instrument :
MSVOA_V
ClientSampleId :
H0AB1DL

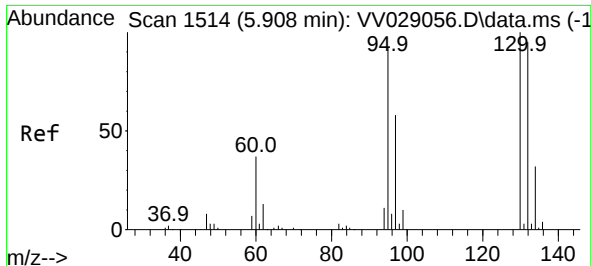
Tgt Ion: 96 Resp: 4994
Ion Ratio Lower Upper
96 100
61 103.1 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.089 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

Tgt Ion: 83 Resp: 2969
Ion Ratio Lower Upper
83 100
85 91.8 43.7 81.1#

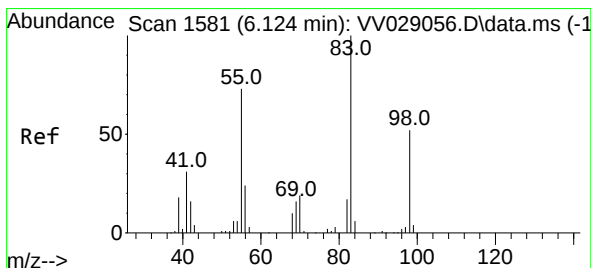
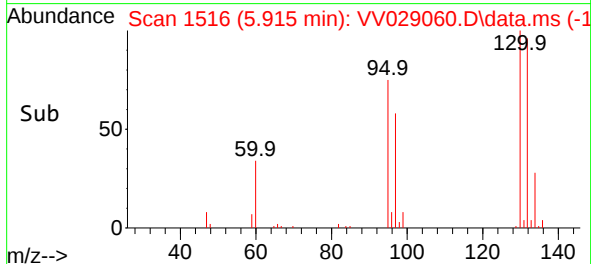
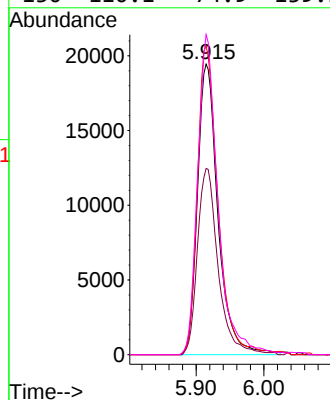
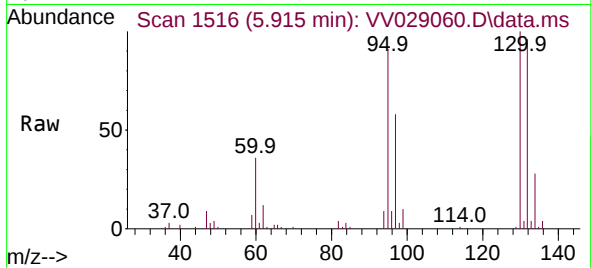




#34
Trichloroethene
Concen: 2.030 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

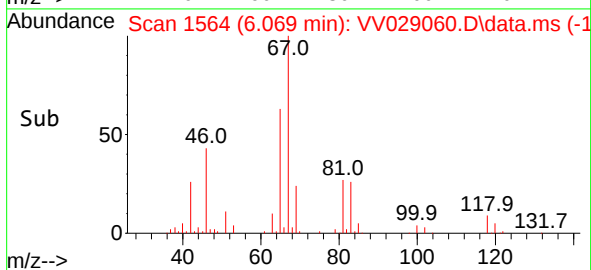
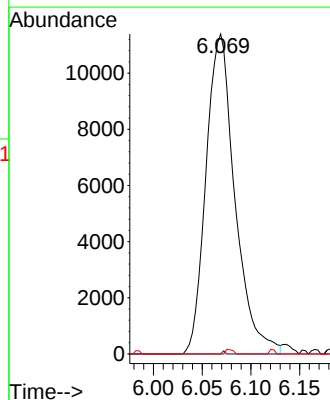
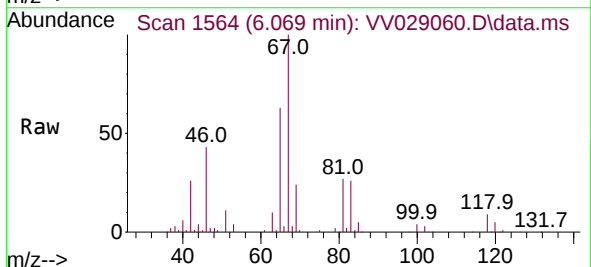
Instrument :
MSVOA_V
ClientSampleId :
H0AB1DL

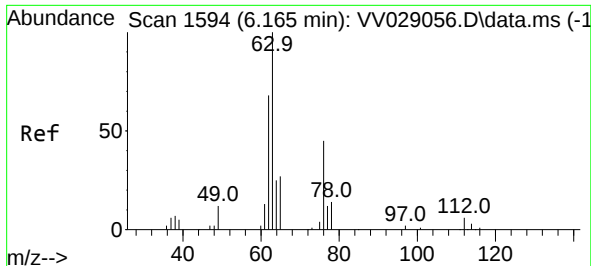
Tgt Ion: 95 Resp: 40844
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 106.2 69.1 128.3
130 110.1 74.9 139.1



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

Tgt Ion: 83 Resp: 23529
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.553 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV029060.D

Acq: 17 Nov 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

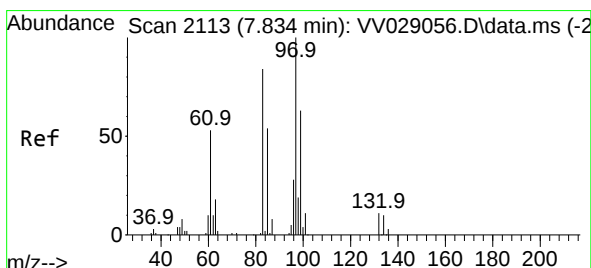
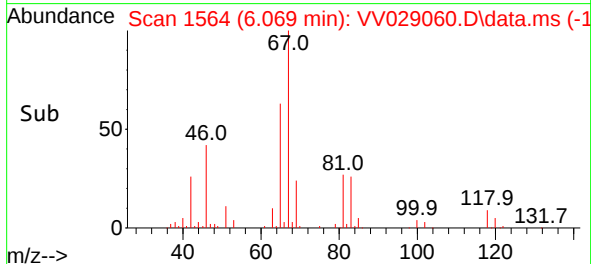
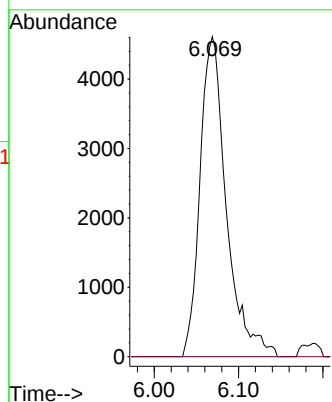
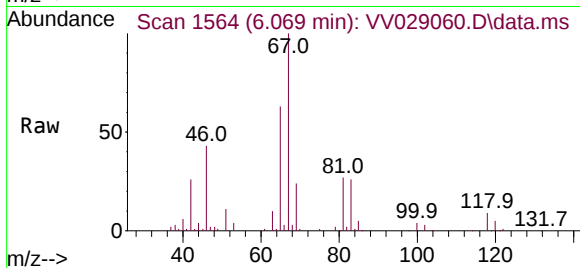
H0AB1DL

Tgt Ion: 63 Resp: 10021

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.077 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV029060.D

Acq: 17 Nov 2022 13:51

Tgt Ion: 97 Resp: 911

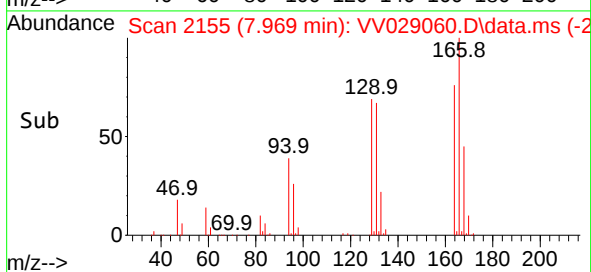
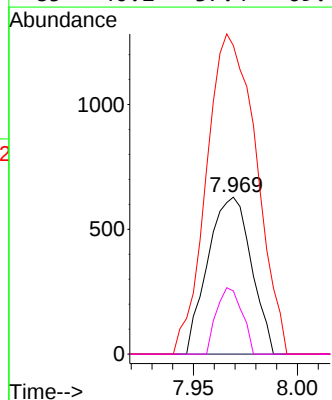
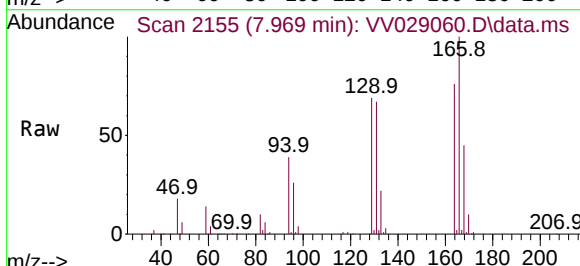
Ion Ratio Lower Upper

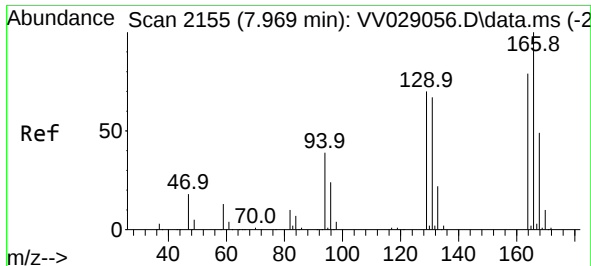
97 100

99 0.0 41.5 77.1#

83 196.7 60.0 111.4#

85 40.2 37.4 69.4





#47

Tetrachloroethene

Concen: 6.426 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV029060.D

Acq: 17 Nov 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

H0AB1DL

Tgt Ion:164 Resp: 103513

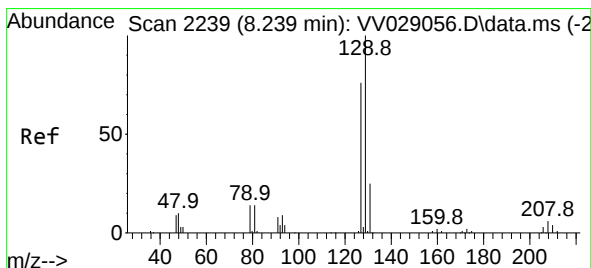
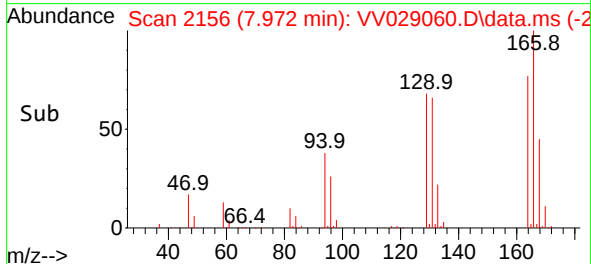
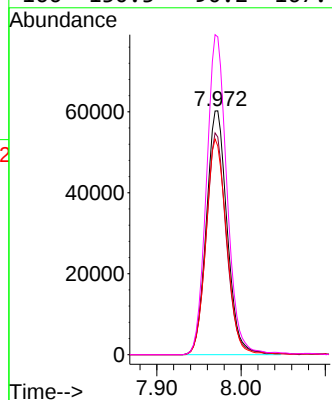
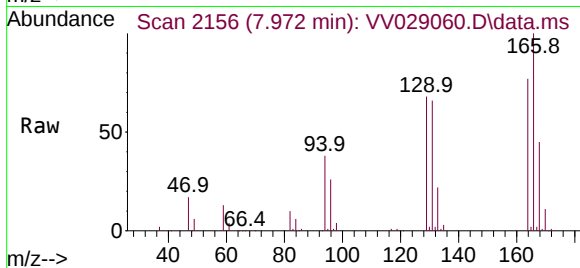
Ion Ratio Lower Upper

164 100

129 89.3 63.9 118.7

131 85.5 61.8 114.8

166 130.3 90.2 167.4



#49

Dibromochloromethane

Concen: 6.158 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029060.D

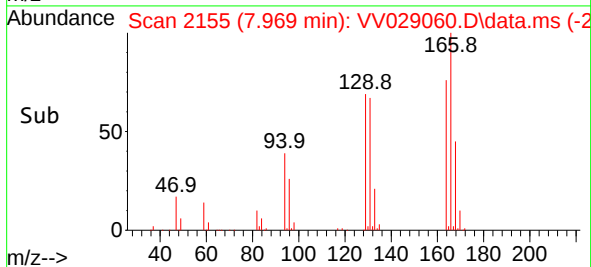
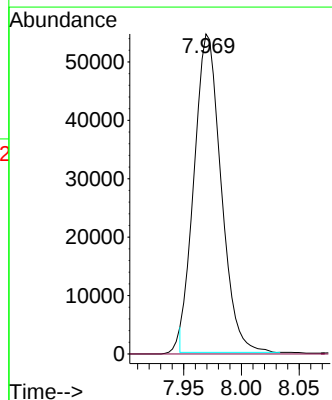
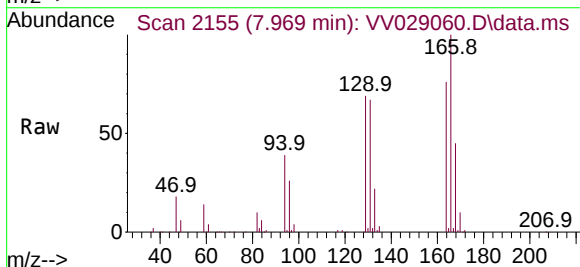
Acq: 17 Nov 2022 13:51

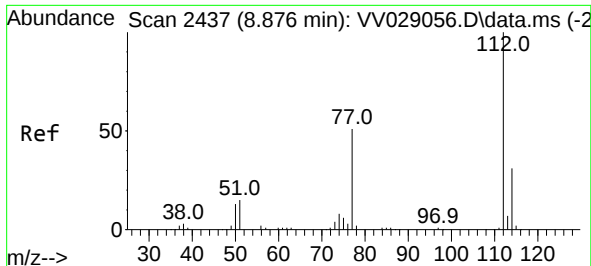
Tgt Ion:129 Resp: 88325

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#

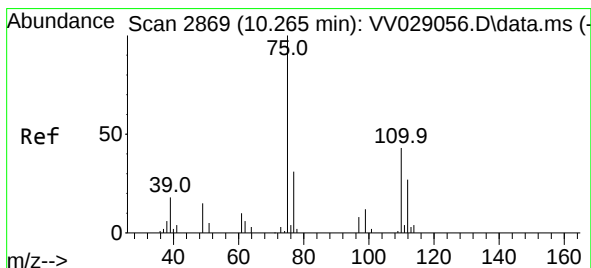
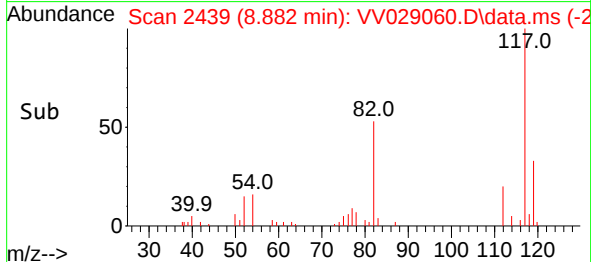
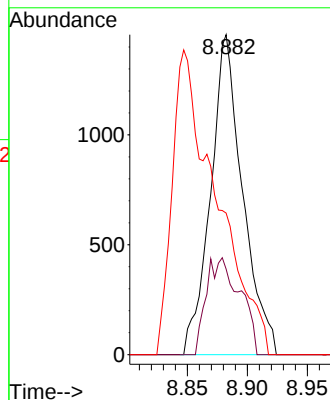
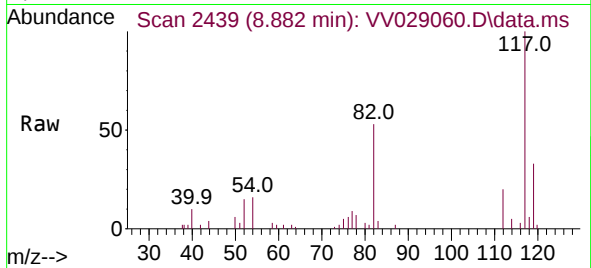




#51
Chlorobenzene
Concen: 0.051 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

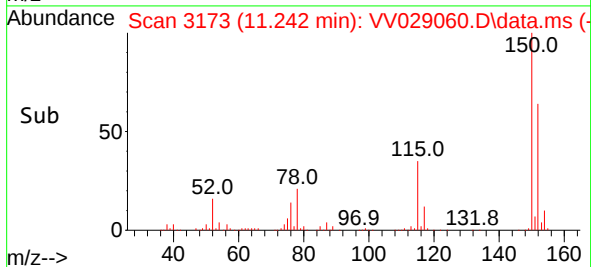
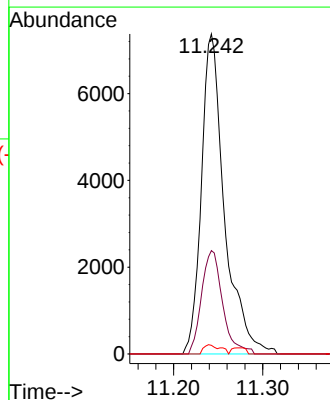
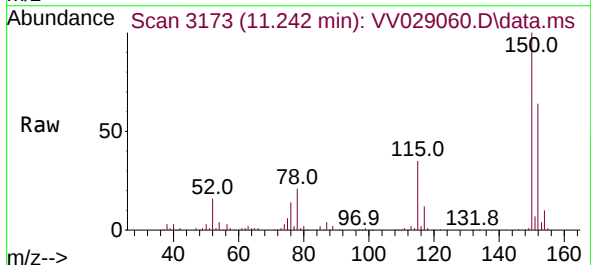
Instrument :
MSVOA_V
ClientSampleId :
H0AB1DL

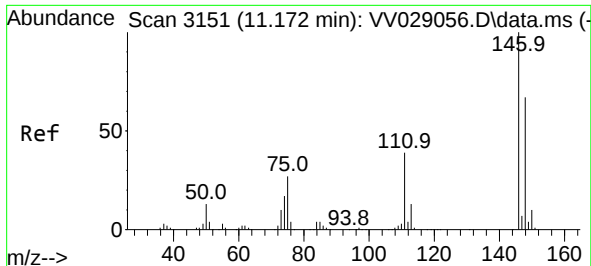
Tgt Ion:112 Resp: 2699
Ion Ratio Lower Upper
112 100
114 26.7 22.4 41.6
77 44.2 44.4 66.6#



#61
1,2,3-Trichloropropane
Concen: 1.586 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV029060.D
Acq: 17 Nov 2022 13:51

Tgt Ion: 75 Resp: 13260
Ion Ratio Lower Upper
75 100
77 29.5 26.2 39.2
110 2.0 32.6 48.8#





#64

1,3-Dichlorobenzene

Concen: 0.143 ug/L

RT: 11.268 min Scan# 31

Delta R.T. 0.096 min

Lab File: VV029060.D

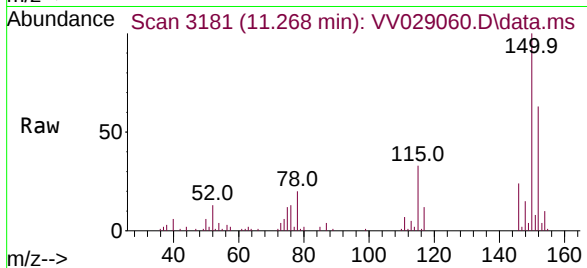
Acq: 17 Nov 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

H0AB1DL



Tgt Ion:146 Resp: 5326

Ion Ratio Lower Upper

146 100

111 29.9 26.9 50.1

148 61.8 44.1 81.9

