

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029059.D
 Acq On : 17 Nov 2022 13:28
 Operator : SY/MD
 Sample : N5592-05DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0DL

Quant Time: Nov 18 01:41:44 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	5.613	114	253308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	228158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109890	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59378	3.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.561	69	50317	3.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.101	63	100906	3.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.921	46	132765	51.358	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	4.343	84	155918	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.027	65	75360	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.043	84	335849	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.066	67	96941	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.310	98	304734	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.622	79	32162	5.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.092	63	125450	47.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71765	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	107343	5.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%

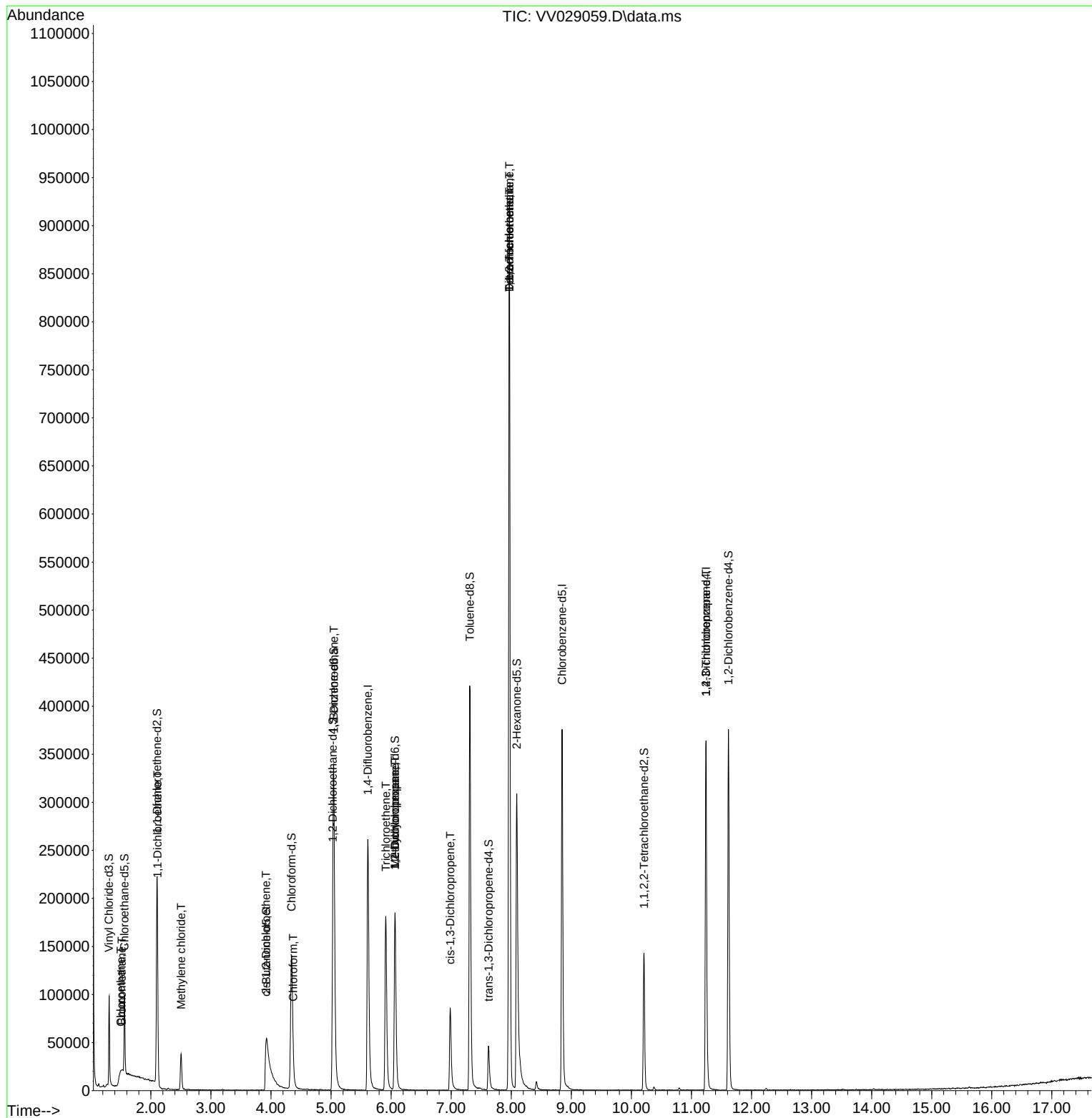
Target Compounds				Qvalue		
6) Bromomethane	1.516	94	881	0.074	ug/L	81
8) Chloroethane	1.500	64	28826	2.454	ug/L #	55
12) 1,1-Dichloroethene	2.111	96	18317	1.195	ug/L #	1
16) Methylene chloride	2.503	84	17055	0.860	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	1088	0.060	ug/L	82
25) Chloroform	4.371	83	6905	0.227	ug/L	91
27) 1,2-Dichloroethane	5.047	62	1616	0.103	ug/L #	70
34) Trichloroethene	5.912	95	68031	3.811	ug/L	98
35) Methylcyclohexane	6.066	83	24470	0.780	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10253	0.638	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2208	0.098	ug/L #	59
45) 1,1,2-Trichloroethane	7.969	97	1629	0.155	ug/L #	6
47) Tetrachloroethene	7.969	164	221742	15.515	ug/L	97
49) Dibromochloromethane	7.969	129	189519	14.894	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	11298	1.504	ug/L #	65

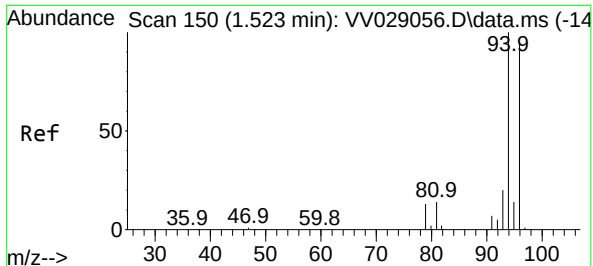
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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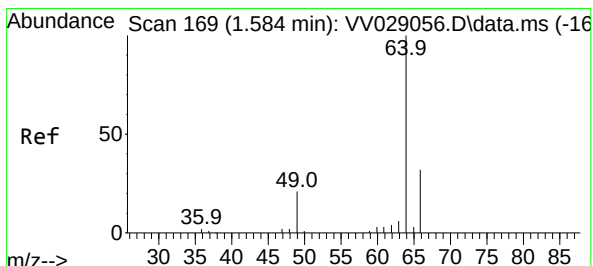
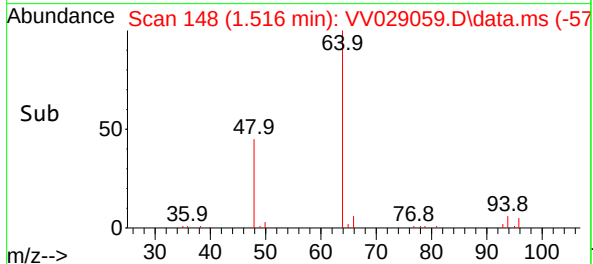
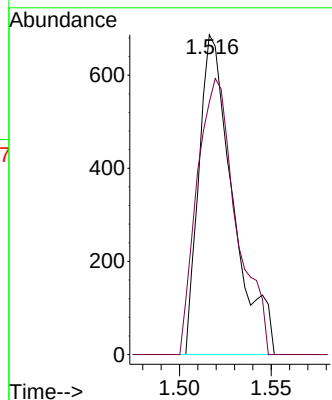
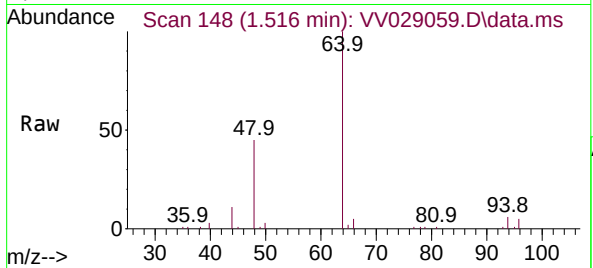




#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV029059.D
Acq: 17 Nov 2022 13:28

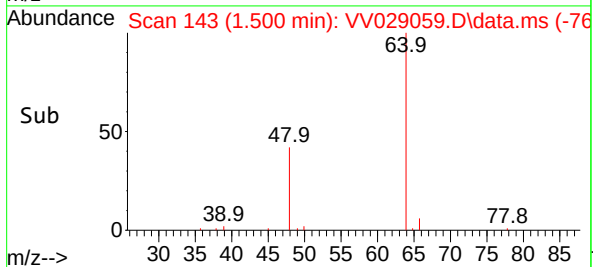
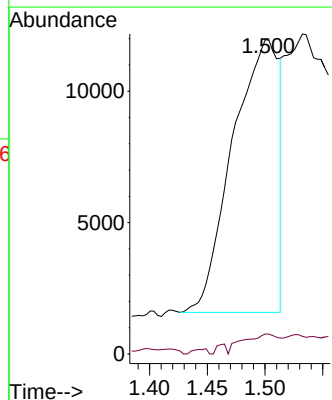
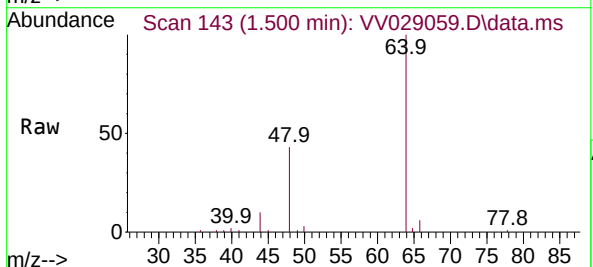
Instrument :
MSVOA_V
ClientSampleId :
H0AB0DL

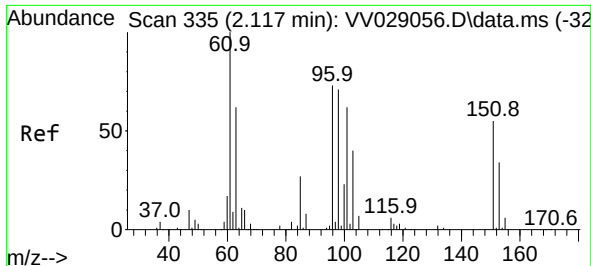
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 78.9 68.5 127.3



#8
Chloroethane
Concen: 2.454 ug/L
RT: 1.500 min Scan# 143
Delta R.T. -0.083 min
Lab File: VV029059.D
Acq: 17 Nov 2022 13:28

Tgt Ion: 64 Resp: 28826
Ion Ratio Lower Upper
64 100
66 6.3 22.0 40.8#

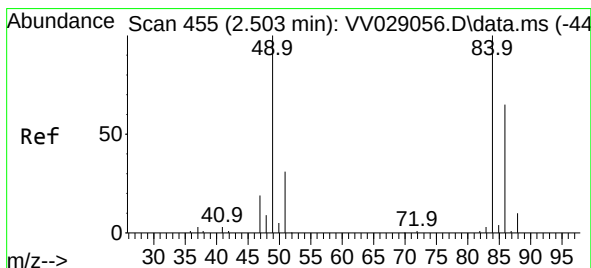
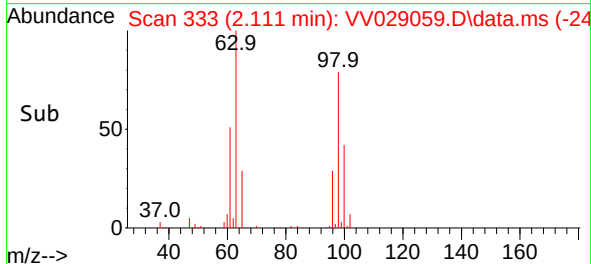
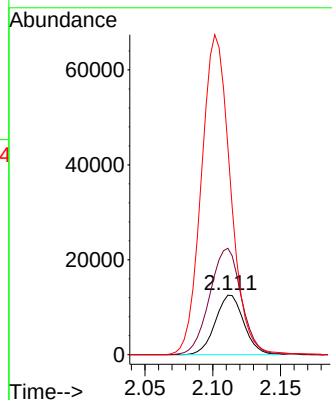
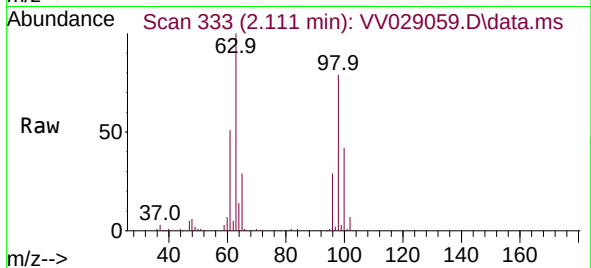




#12
1,1-Dichloroethene
Concen: 1.195 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV029059.D
Acq: 17 Nov 2022 13:28

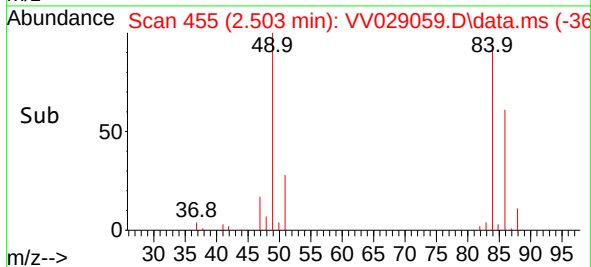
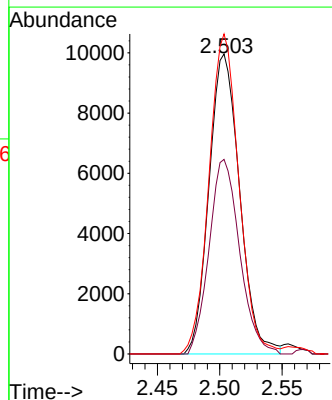
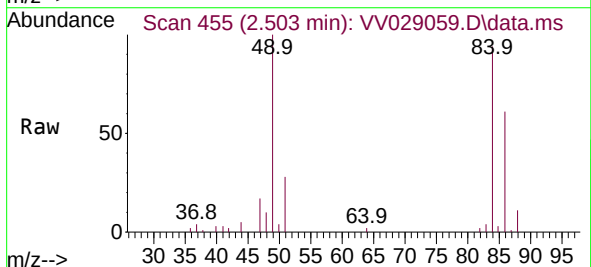
Instrument :
MSVOA_V
ClientSampleId :
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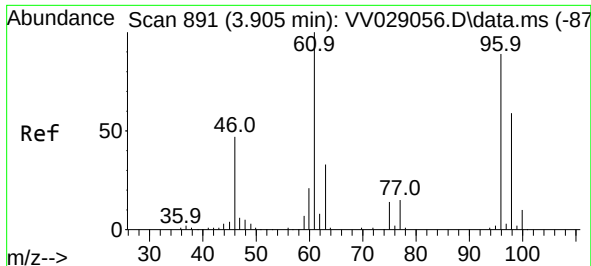
Tgt Ion: 96 Resp: 18317
Ion Ratio Lower Upper
96 100
61 178.7 104.2 193.4
63 349.4 75.9 140.9#



#16
Methylene chloride
Concen: 0.860 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029059.D
Acq: 17 Nov 2022 13:28

Tgt Ion: 84 Resp: 17055
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 106.7 75.5 140.1





#22

cis-1,2-Dichloroethene

Concen: 0.060 ug/L

RT: 3.918 min Scan# 891

Delta R.T. 0.013 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

H0AB0DL

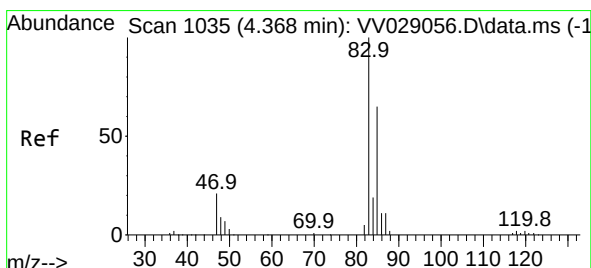
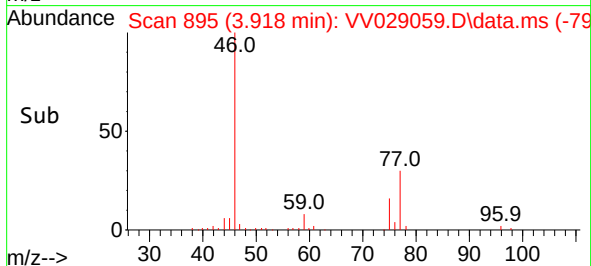
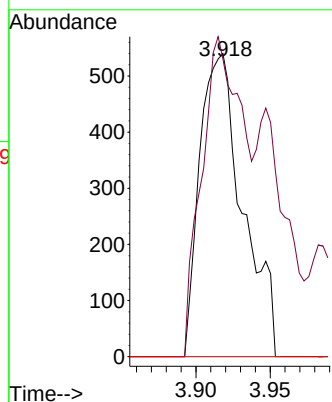
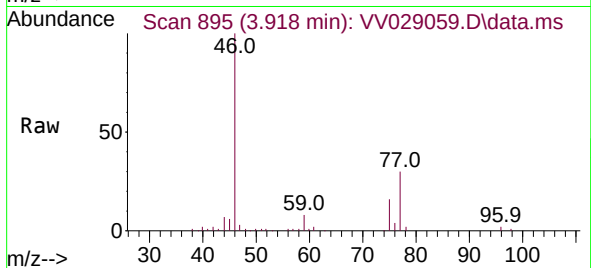
Tgt Ion: 96 Resp: 1088

Ion Ratio Lower Upper

96 100

61 98.1 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.227 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV029059.D

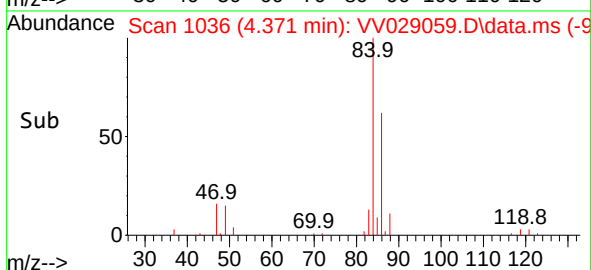
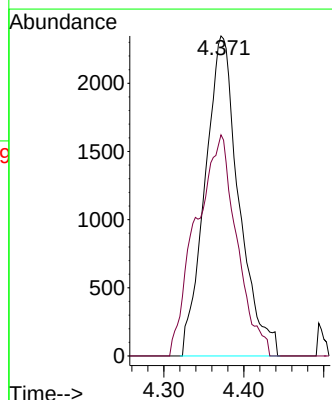
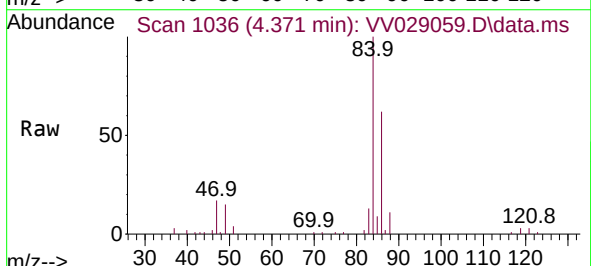
Acq: 17 Nov 2022 13:28

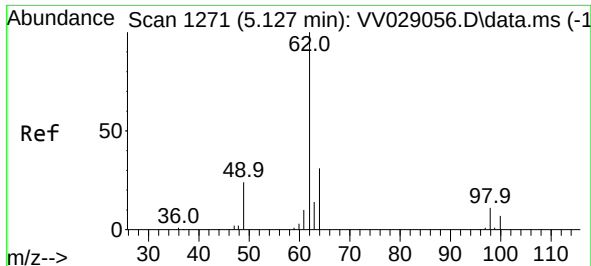
Tgt Ion: 83 Resp: 6905

Ion Ratio Lower Upper

83 100

85 69.1 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

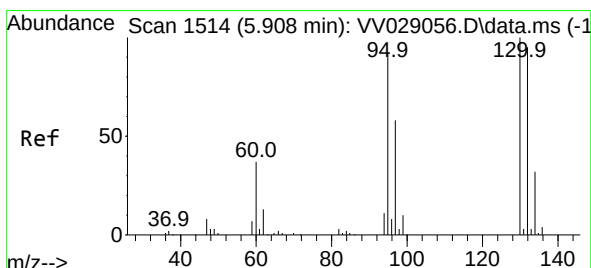
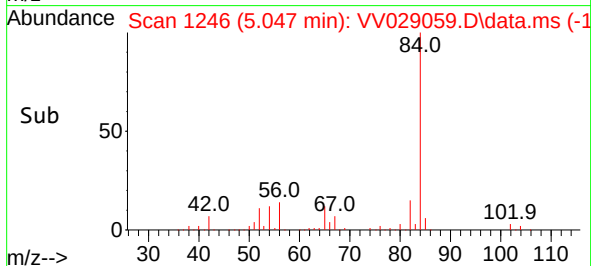
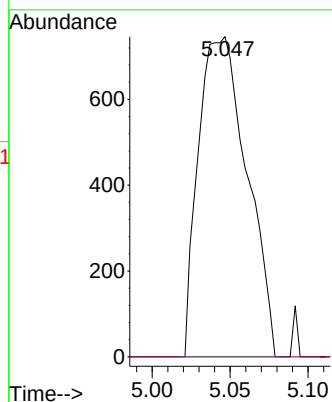
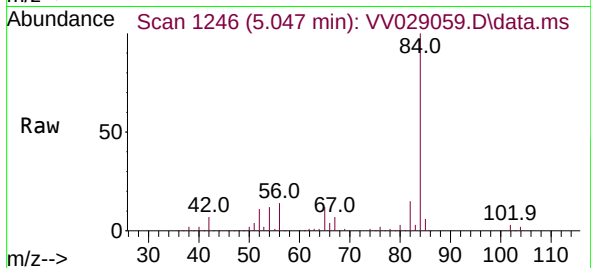
H0AB0DL

Tgt Ion: 62 Resp: 1616

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#34

Trichloroethene

Concen: 3.811 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Tgt Ion: 95 Resp: 68031

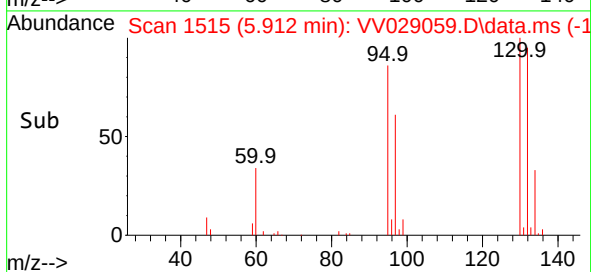
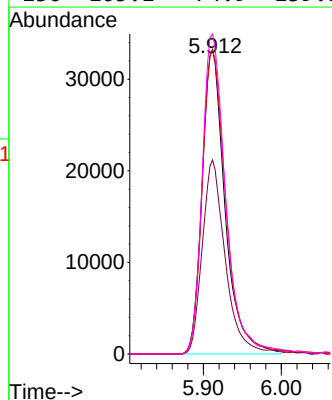
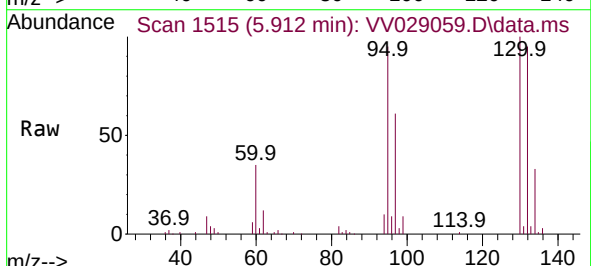
Ion Ratio Lower Upper

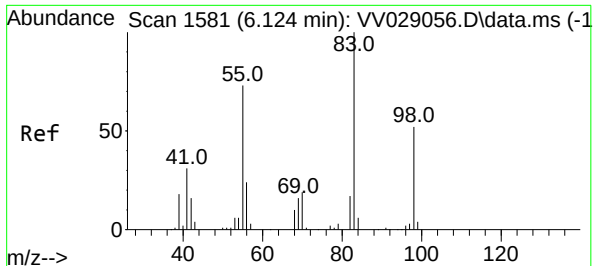
95 100

97 63.8 45.6 84.8

132 99.9 69.1 128.3

130 105.1 74.9 139.1





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Instrument :

MSVOA_V

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H0AB0DL

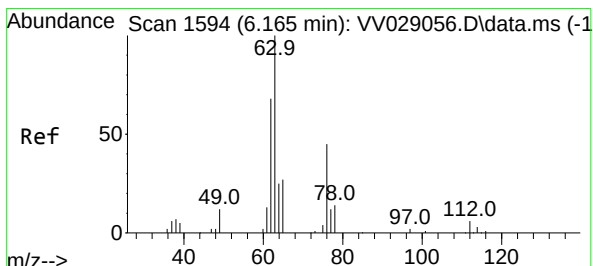
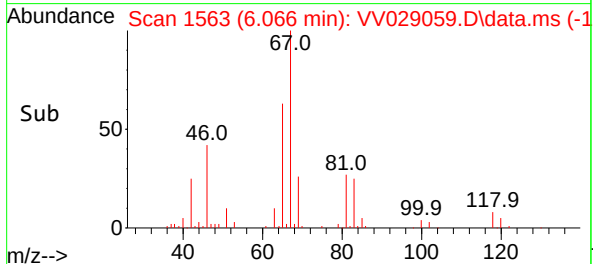
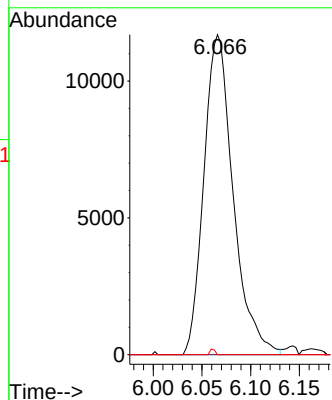
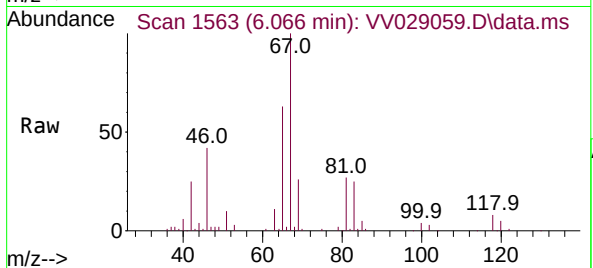
Tgt Ion: 83 Resp: 24470

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029059.D

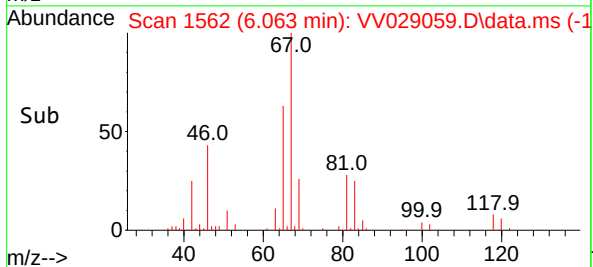
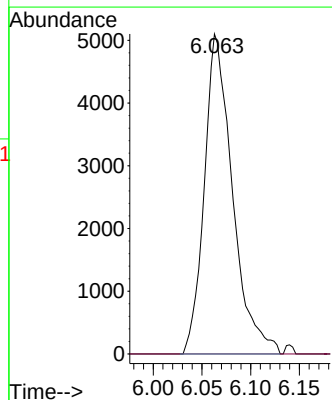
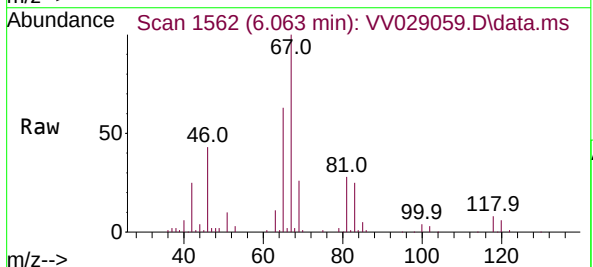
Acq: 17 Nov 2022 13:28

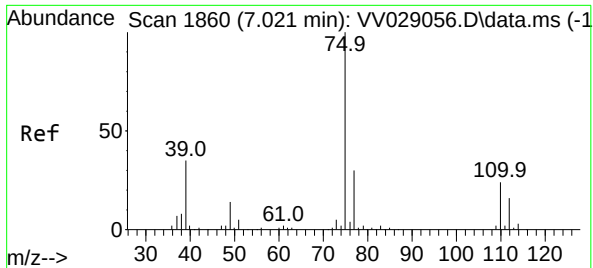
Tgt Ion: 63 Resp: 10253

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

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ClientSampleId :

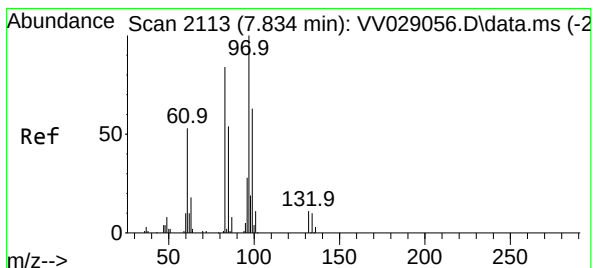
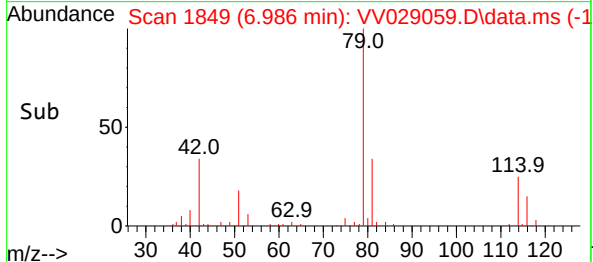
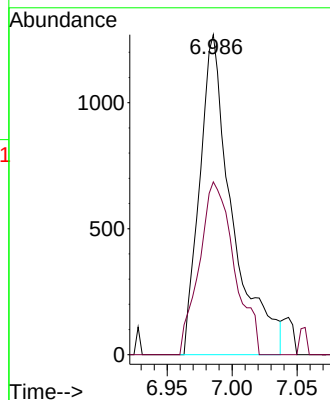
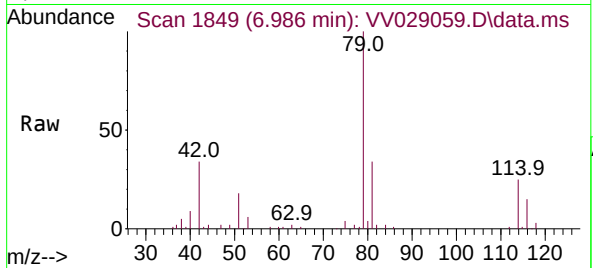
H0AB0DL

Tgt Ion: 75 Resp: 2208

Ion Ratio Lower Upper

75 100

77 54.0 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.155 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Tgt Ion: 97 Resp: 1629

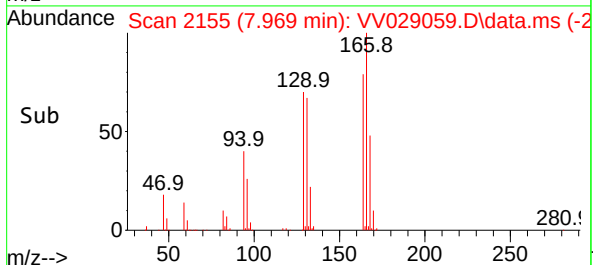
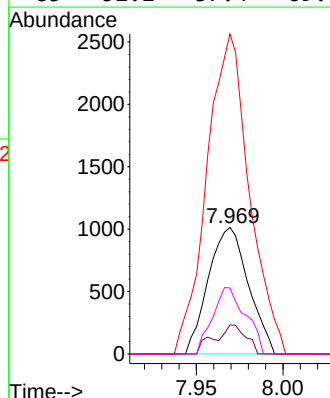
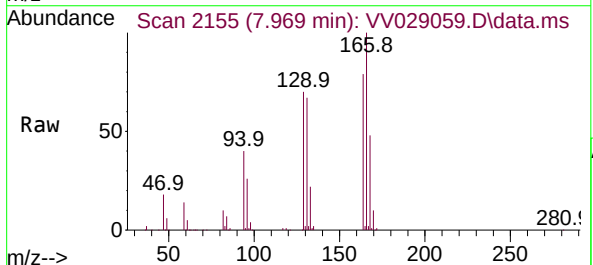
Ion Ratio Lower Upper

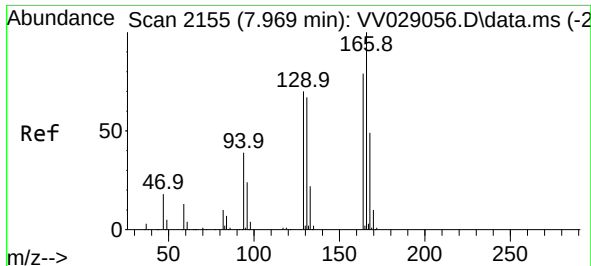
97 100

99 23.0 41.5 77.1#

83 252.9 60.0 111.4#

85 52.2 37.4 69.4





#47

Tetrachloroethene

Concen: 15.515 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV029059.D

Acq: 17 Nov 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

H0AB0DL

Tgt Ion:164 Resp: 221742

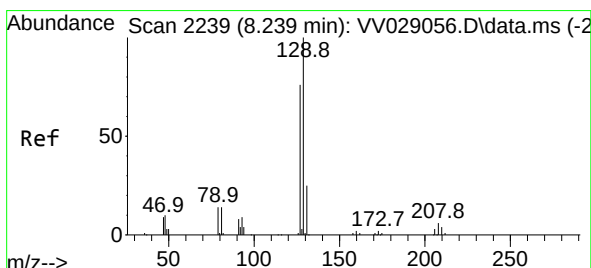
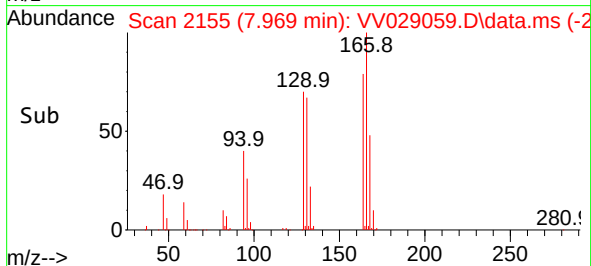
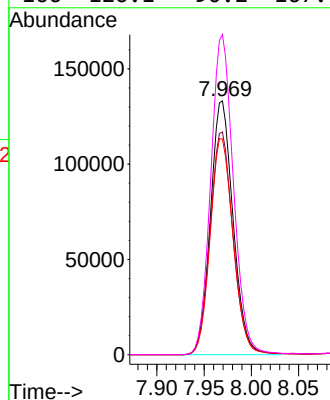
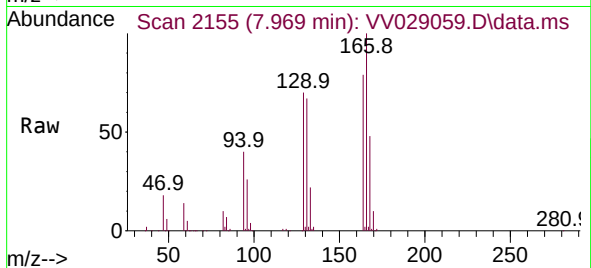
Ion Ratio Lower Upper

164 100

129 87.8 63.9 118.7

131 85.0 61.8 114.8

166 126.1 90.2 167.4



#49

Dibromochloromethane

Concen: 14.894 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029059.D

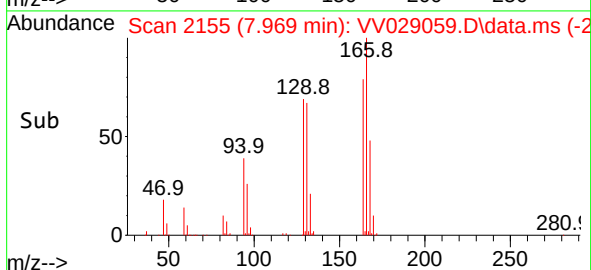
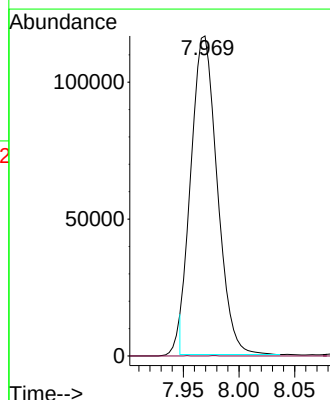
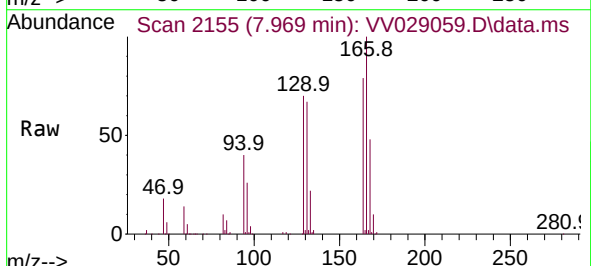
Acq: 17 Nov 2022 13:28

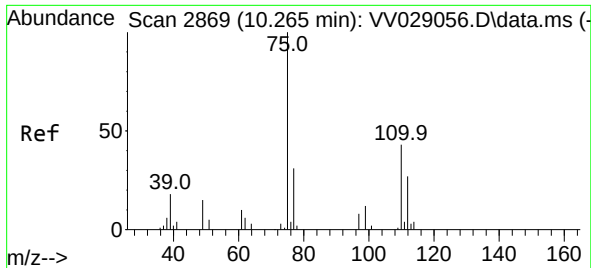
Tgt Ion:129 Resp: 189519

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.504 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV029059.D

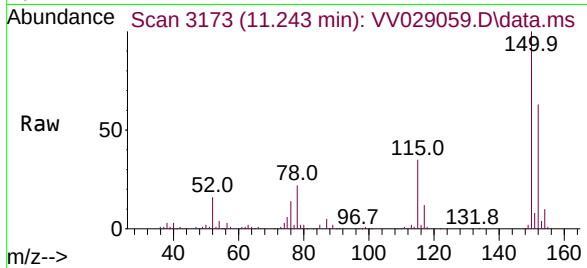
Acq: 17 Nov 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

H0AB0DL



Tgt Ion: 75 Resp: 11298

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

110 2.1 32.6 48.8#

