

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029061.D
 Acq On : 17 Nov 2022 14:16
 Operator : SY/MD
 Sample : N5592-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB2

Quant Time: Nov 18 01:42:12 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)

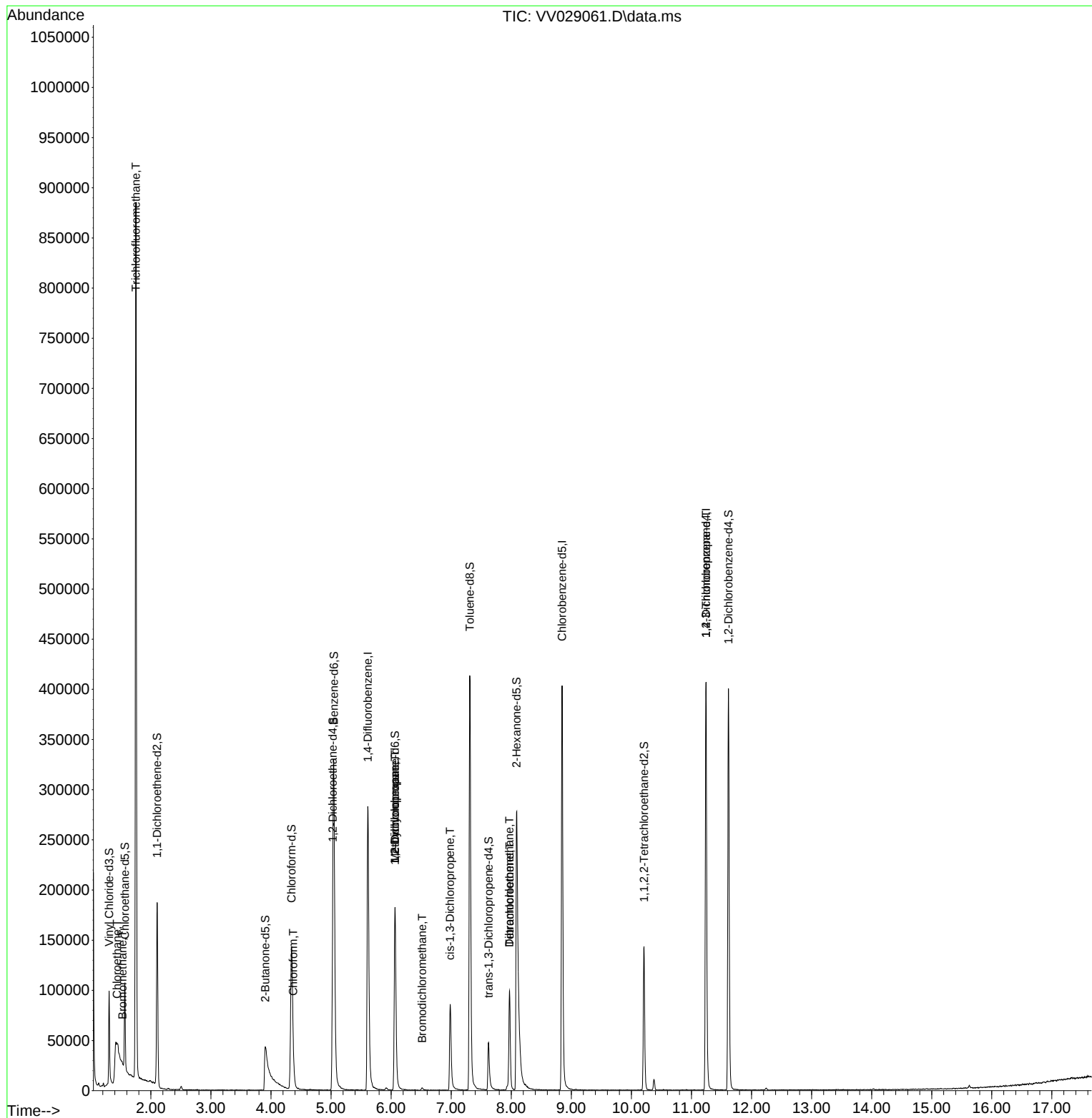
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	275256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	121792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64735	3.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	56955	3.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.105	63	87464	2.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.905	46	108034	38.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.920%
24) Chloroform-d	4.342	84	155215	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	73515	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	326377	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	94247	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	300199	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.622	79	31875	4.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	139411	48.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71966	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	114616	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	1050	0.081	ug/L	72
8) Chloroethane	1.436	64	135299	10.600	ug/L #	52
9) Trichlorofluoromethane	1.751	101	517899	17.682	ug/L	99
25) Chloroform	4.371	83	13972	0.422	ug/L	83
35) Methylcyclohexane	6.066	83	23459	0.682	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9935	0.564	ug/L #	86
38) Bromodichloromethane	6.516	83	2310	0.104	ug/L #	96
39) cis-1,3-Dichloropropene	6.982	75	2342	0.095	ug/L	94
47) Tetrachloroethene	7.972	164	24220	1.546	ug/L	98
49) Dibromochloromethane	7.969	129	21858	1.567	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	11862	1.425	ug/L #	65

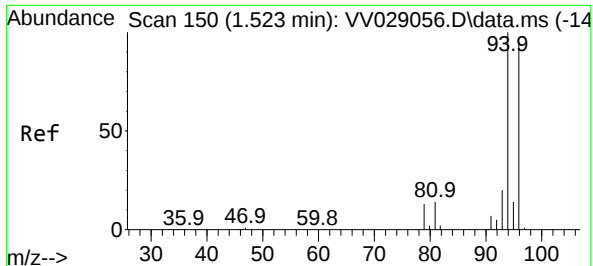
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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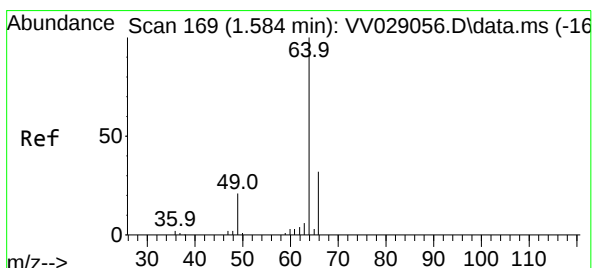
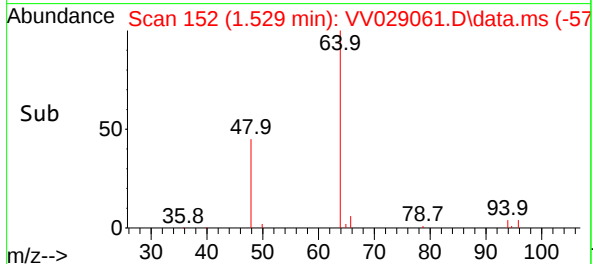
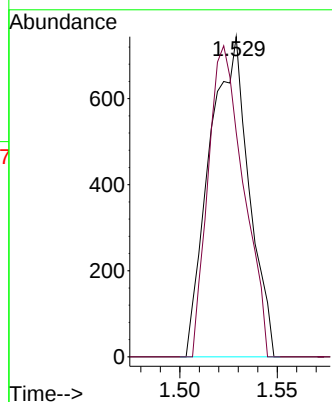
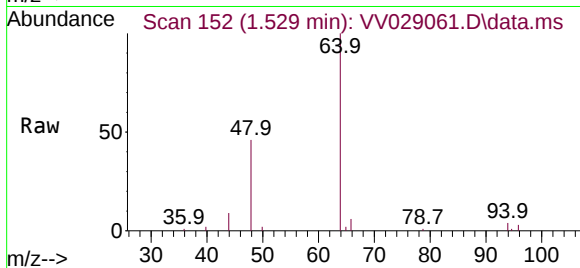




#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

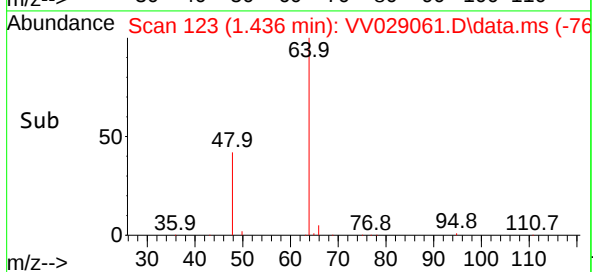
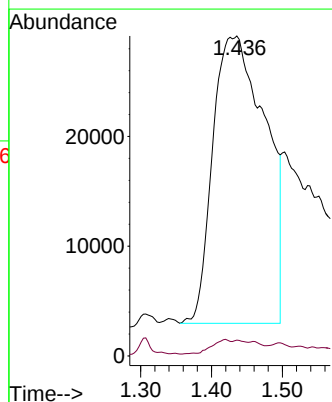
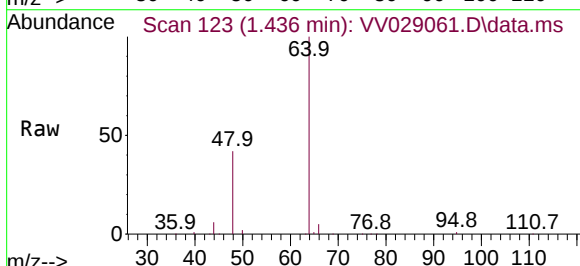
Instrument :
MSVOA_V
ClientSampleId :
H0AB2

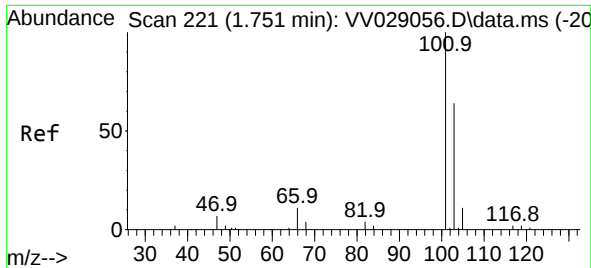
Tgt Ion: 94 Resp: 1050
Ion Ratio Lower Upper
94 100
96 70.2 68.5 127.3



#8
Chloroethane
Concen: 10.600 ug/L
RT: 1.436 min Scan# 123
Delta R.T. -0.148 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

Tgt Ion: 64 Resp: 135299
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#

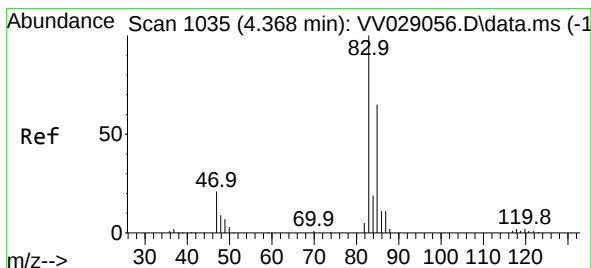
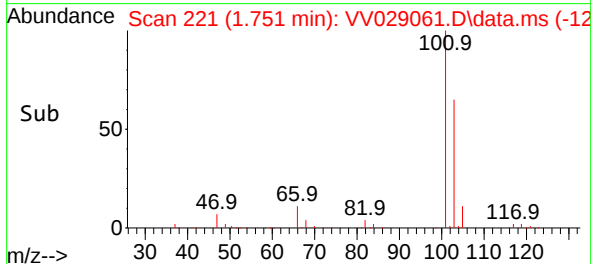
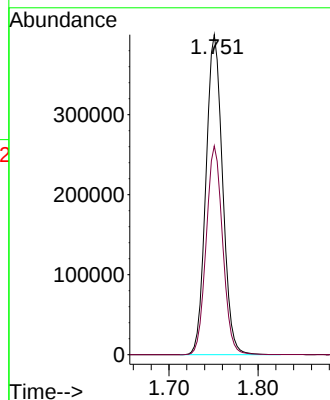
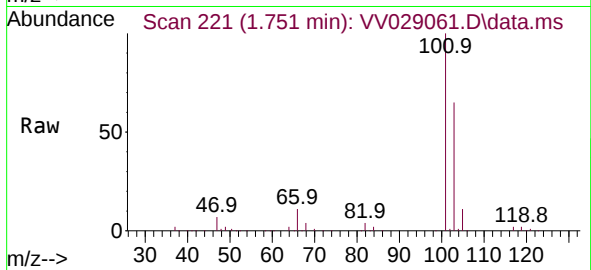




#9
Trichlorofluoromethane
Concen: 17.682 ug/L
RT: 1.751 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

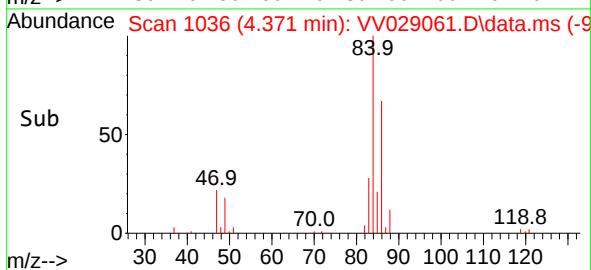
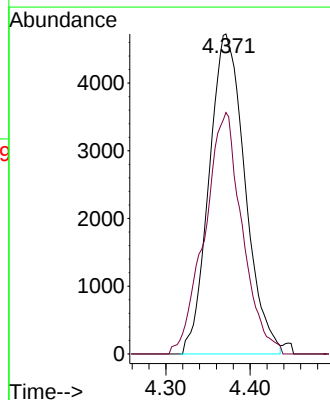
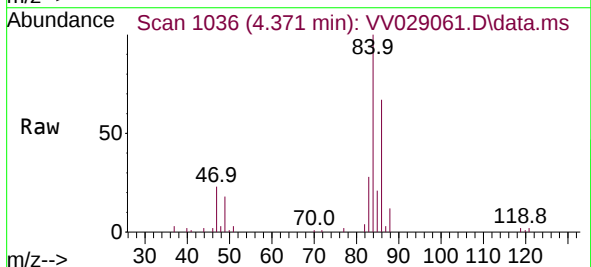
Instrument :
MSVOA_V
ClientSampleId :
H0AB2

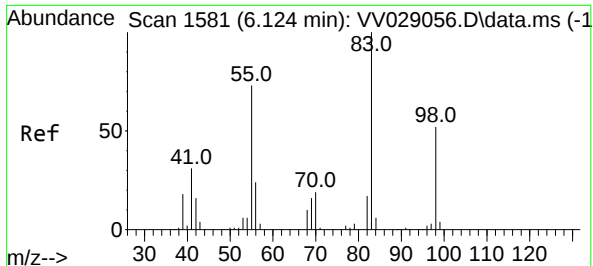
Tgt Ion:101 Resp: 517899
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9



#25
Chloroform
Concen: 0.422 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

Tgt Ion: 83 Resp: 13972
Ion Ratio Lower Upper
83 100
85 75.4 43.7 81.1





#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029061.D

Acq: 17 Nov 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

H0AB2

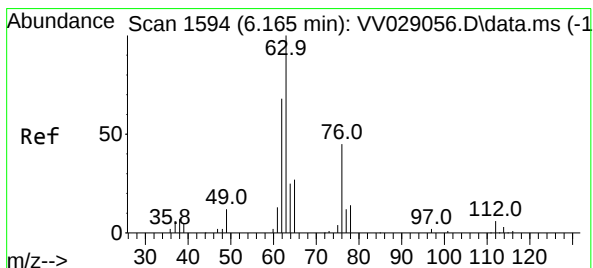
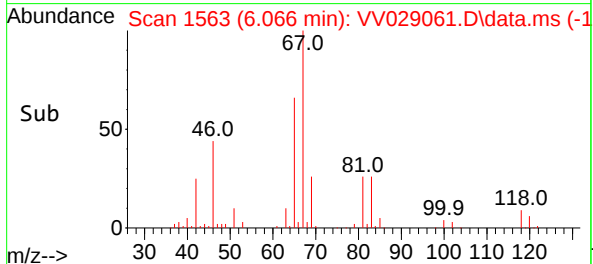
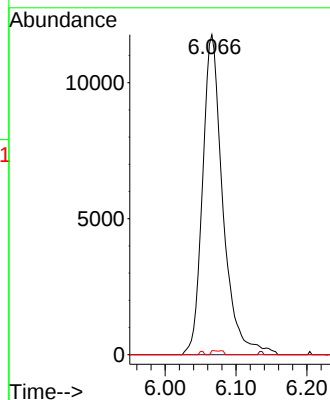
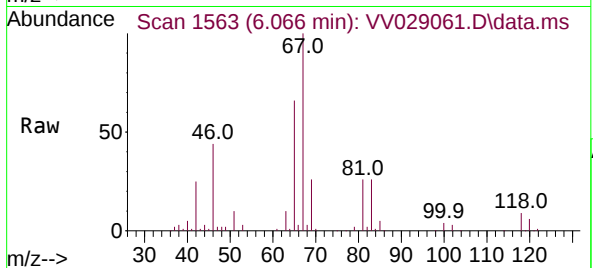
Tgt Ion: 83 Resp: 23459

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029061.D

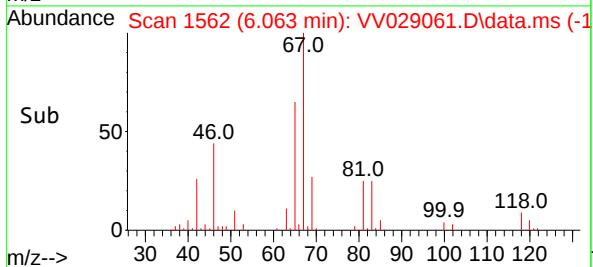
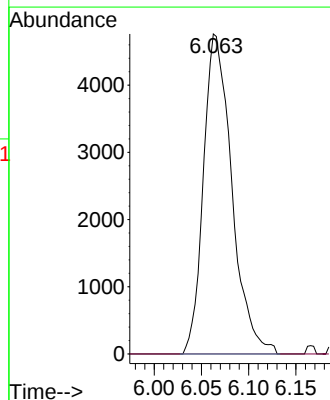
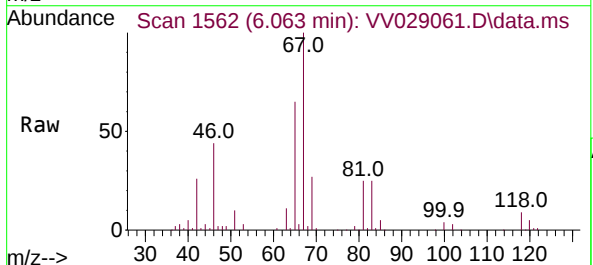
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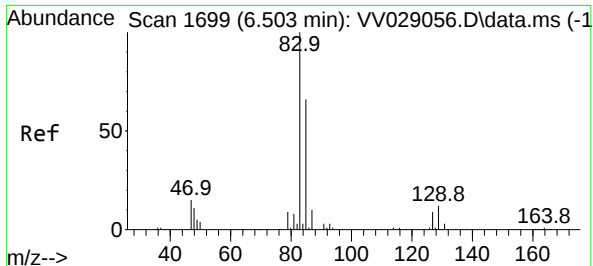
Tgt Ion: 63 Resp: 9935

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#

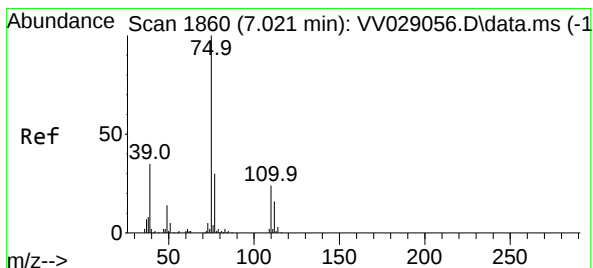
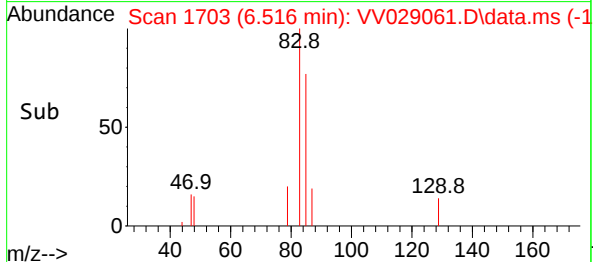
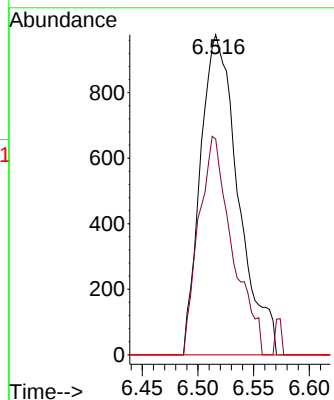
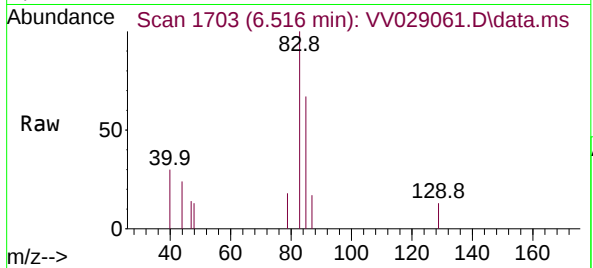




#38
Bromodichloromethane
Concen: 0.104 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

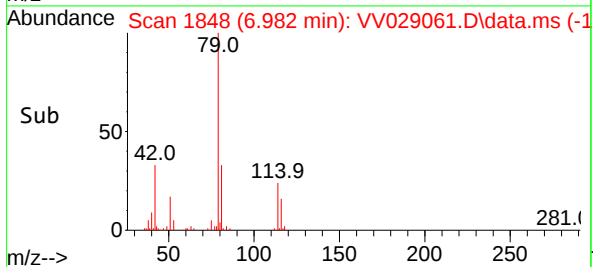
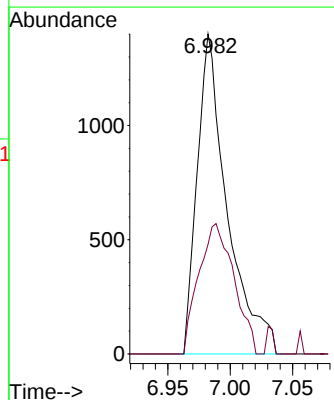
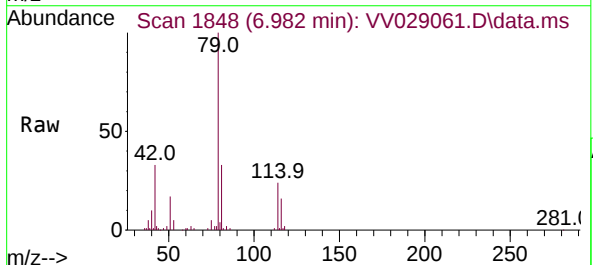
Instrument :
MSVOA_V
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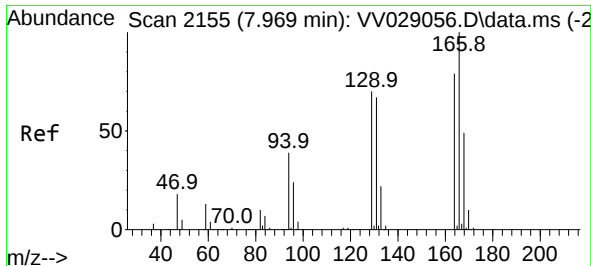
Tgt Ion: 83 Resp: 2310
Ion Ratio Lower Upper
83 100
85 67.3 46.1 85.5
127 0.0 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV029061.D
Acq: 17 Nov 2022 14:16

Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
77 34.3 21.8 40.6





#47

Tetrachloroethene

Concen: 1.546 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV029061.D

Acq: 17 Nov 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

H0AB2

Tgt Ion:164 Resp: 24220

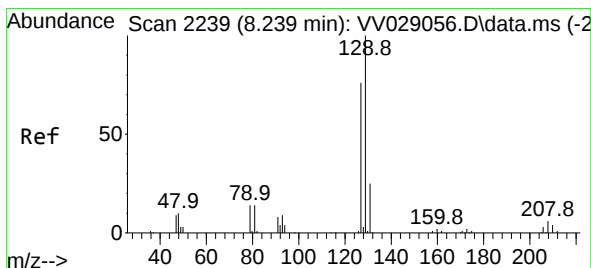
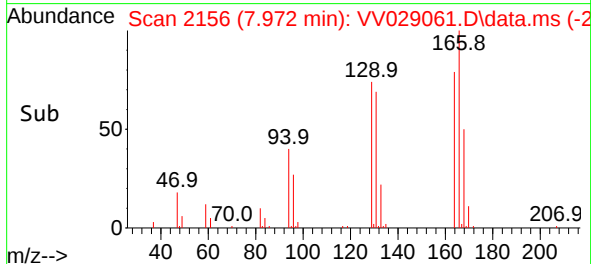
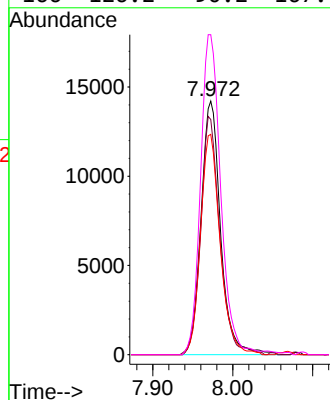
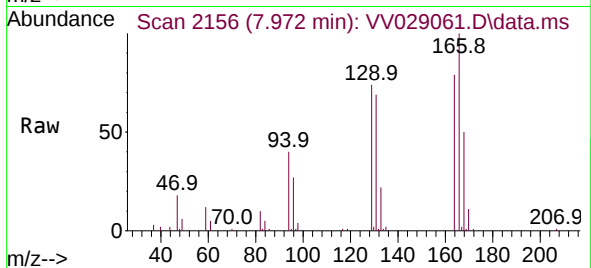
Ion Ratio Lower Upper

164 100

129 92.8 63.9 118.7

131 86.9 61.8 114.8

166 126.2 90.2 167.4



#49

Dibromochloromethane

Concen: 1.567 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029061.D

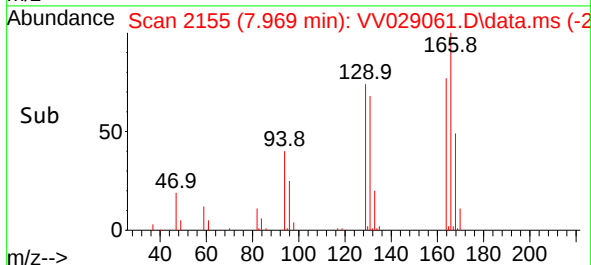
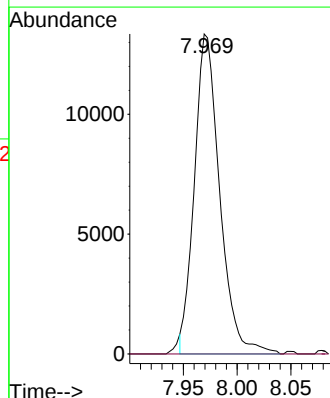
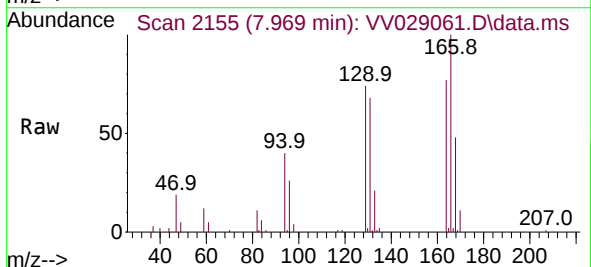
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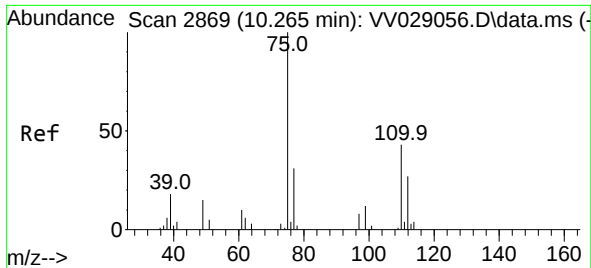
Tgt Ion:129 Resp: 21858

Ion Ratio Lower Upper

129 100

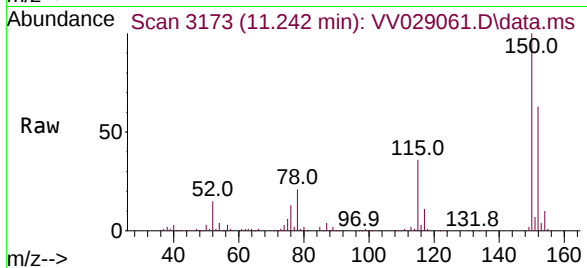
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.425 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029061.D
 Acq: 17 Nov 2022 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB2



Tgt Ion:	75	Resp:	11862
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.2
110	1.9	32.6	48.8#

