

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028948.D
 Acq On : 14 Nov 2022 19:14
 Operator : SY/MD
 Sample : N5592-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1

Quant Time: Nov 15 00:07:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

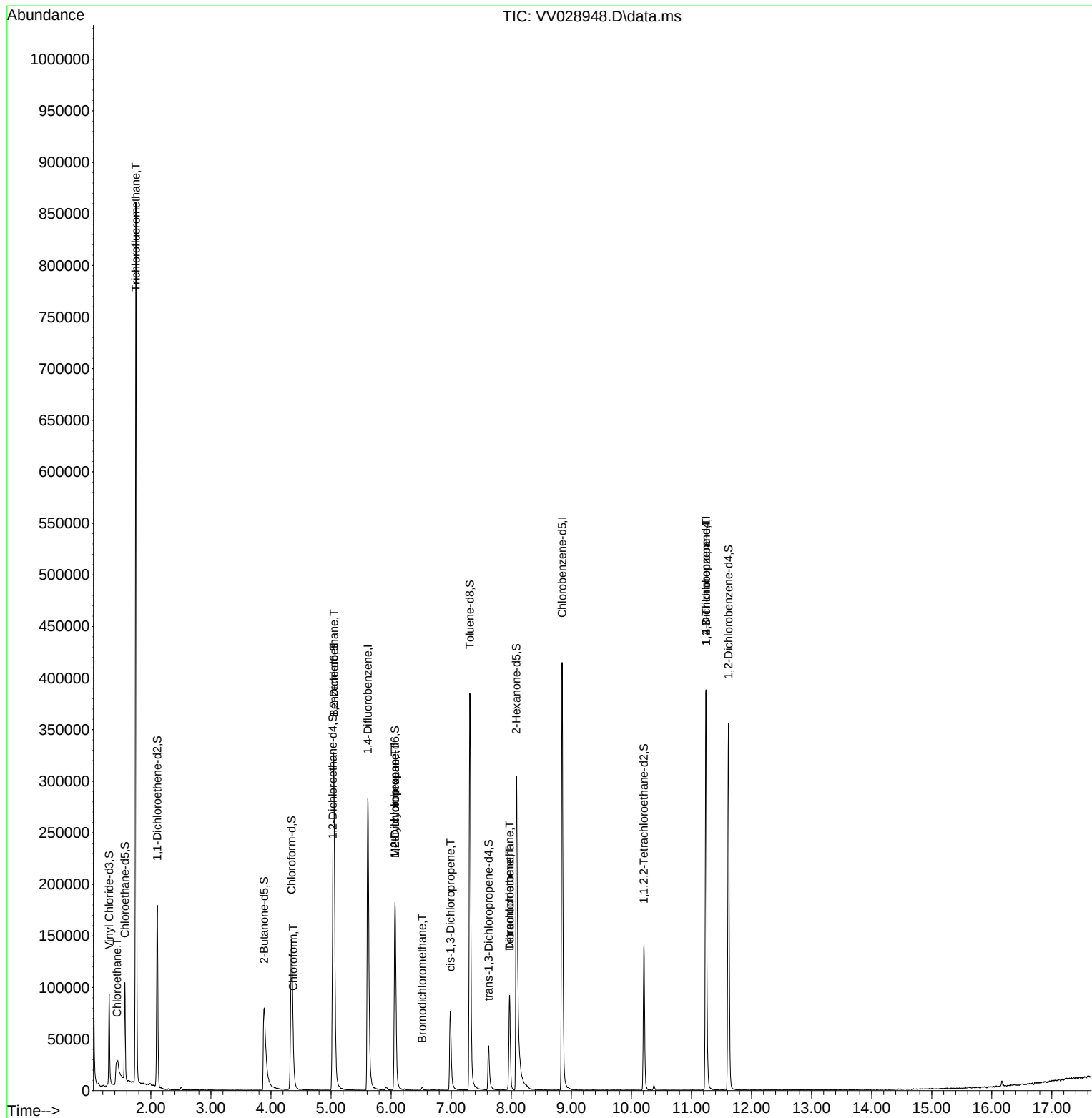
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	269219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	114034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60576	3.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.568	69	60861	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.108	63	90203	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.886	46	152918	55.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.320%
24) Chloroform-d	4.343	84	158892	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	75566	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.047	84	324531	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.066	67	97053	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.310	98	283044	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.622	79	28538	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.085	63	131649	45.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70498	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	99674	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
8) Chloroethane	1.436	64	64275	5.148	ug/L #	50
9) Trichlorofluoromethane	1.751	101	508607	17.755	ug/L	99
25) Chloroform	4.371	83	13866	0.428	ug/L	100
27) 1,2-Dichloroethane	5.047	62	1558	0.093	ug/L #	70
35) Methylcyclohexane	6.066	83	24514	0.715	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9545	0.543	ug/L #	86
38) Bromodichloromethane	6.516	83	2421	0.109	ug/L	97
39) cis-1,3-Dichloropropene	6.989	75	1678	0.068	ug/L #	61
47) Tetrachloroethene	7.973	164	22842	1.461	ug/L	97
49) Dibromochloromethane	7.973	129	19886	1.429	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12928	1.659	ug/L #	66

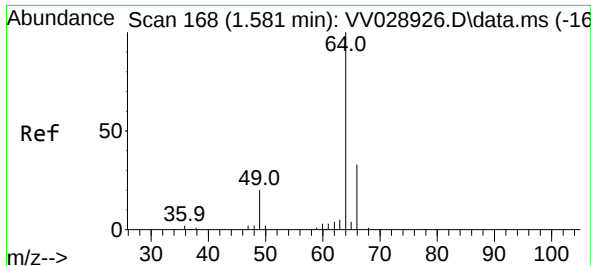
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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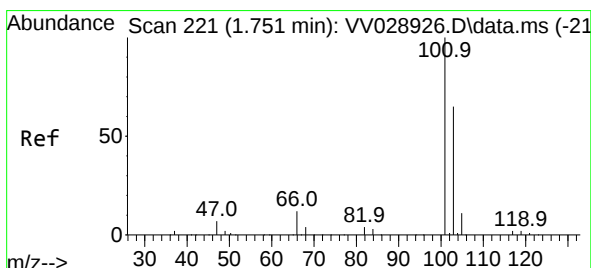
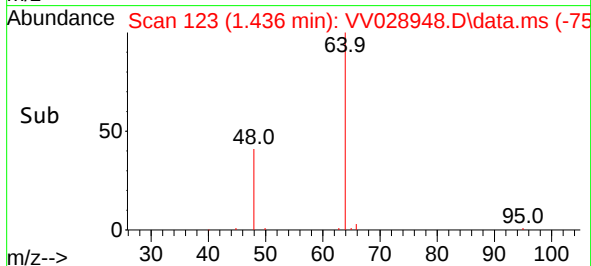
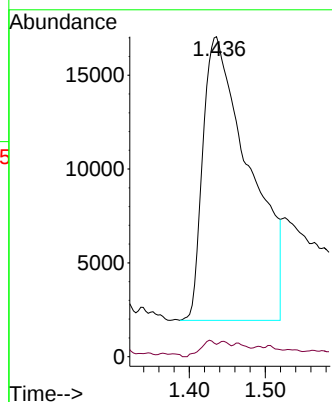
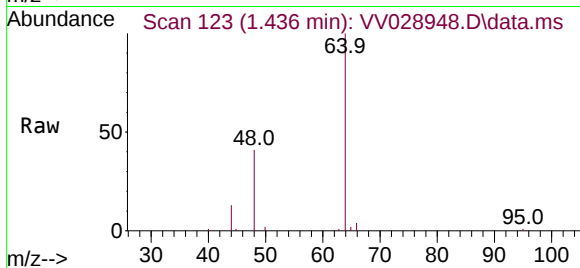




#8
Chloroethane
Concen: 5.148 ug/L
RT: 1.436 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

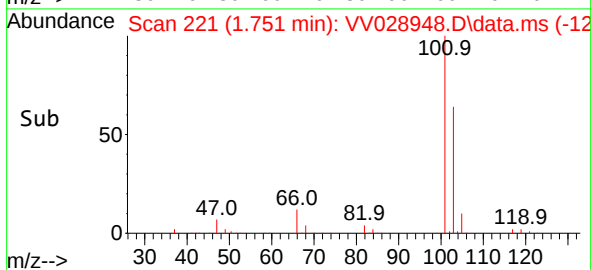
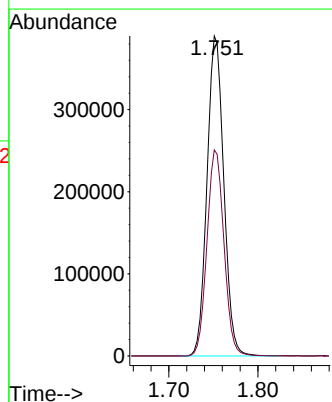
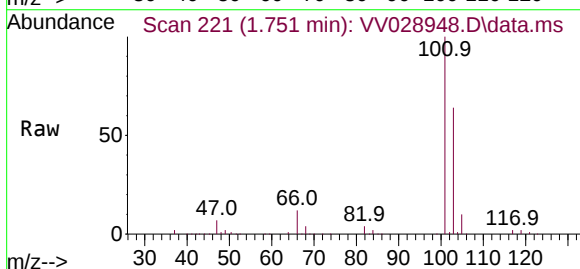
Instrument :
MSVOA_V
ClientSampleId :
H0AE1

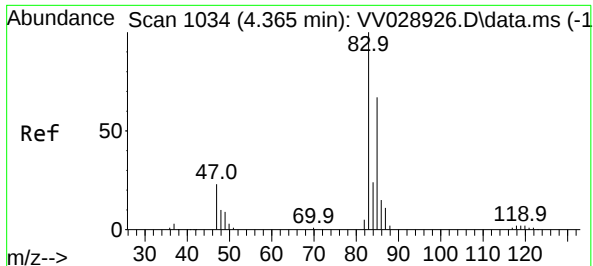
Tgt Ion: 64 Resp: 64275
Ion Ratio Lower Upper
64 100
66 3.8 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 17.755 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion:101 Resp: 508607
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

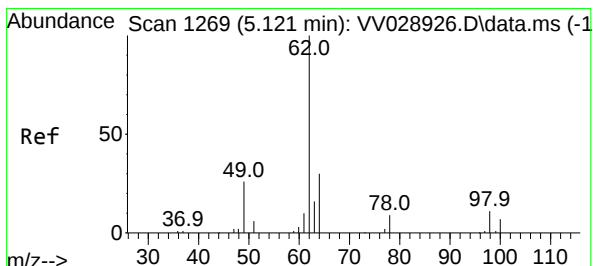
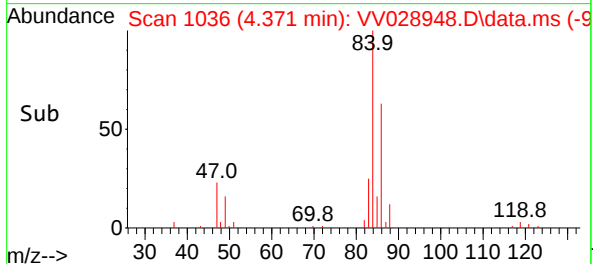
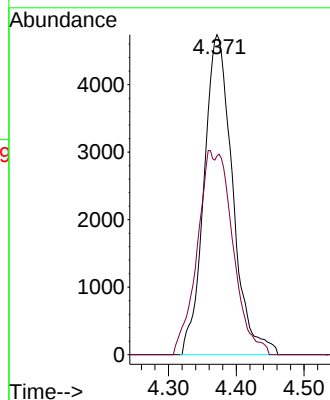
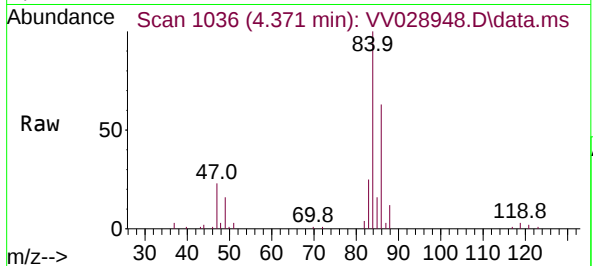




#25
Chloroform
Concen: 0.428 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

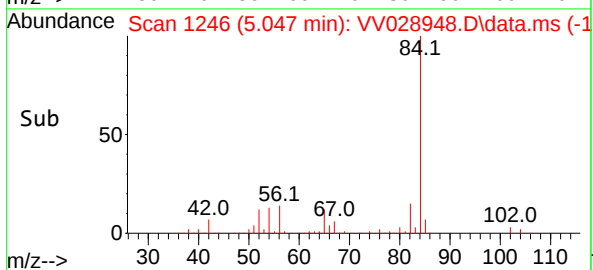
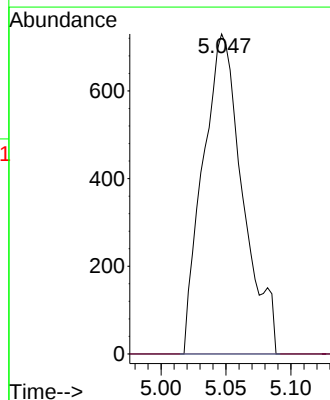
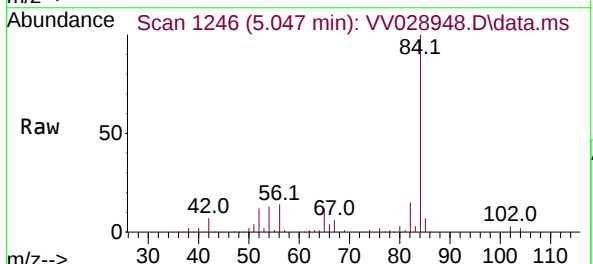
Instrument :
MSVOA_V
ClientSampleId :
H0AE1

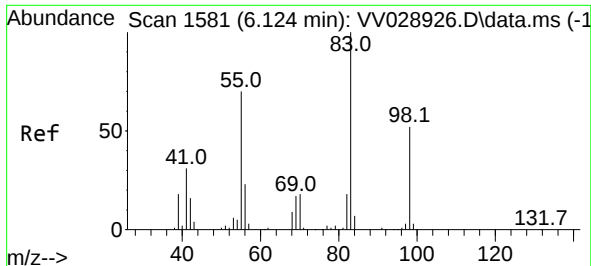
Tgt Ion: 83 Resp: 13866
Ion Ratio Lower Upper
83 100
85 62.1 43.7 81.1



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.074 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion: 62 Resp: 1558
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#

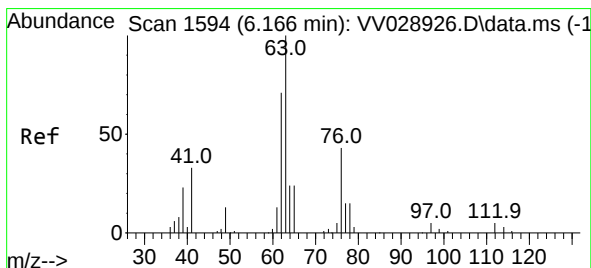
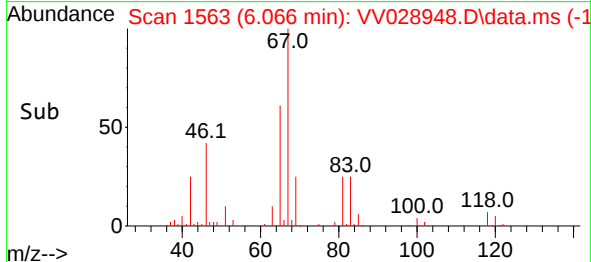
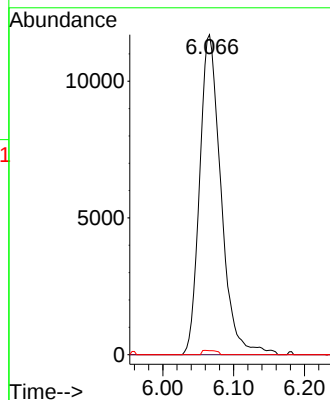
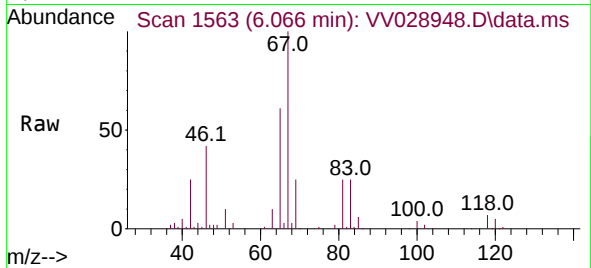




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

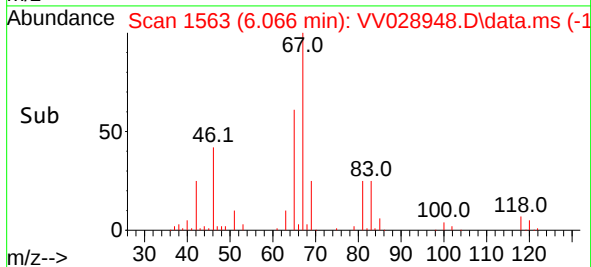
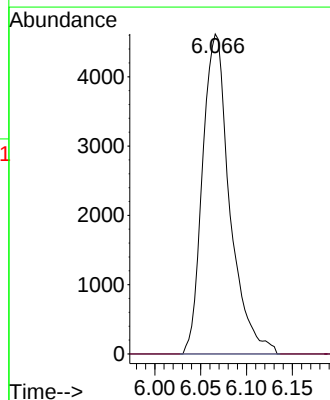
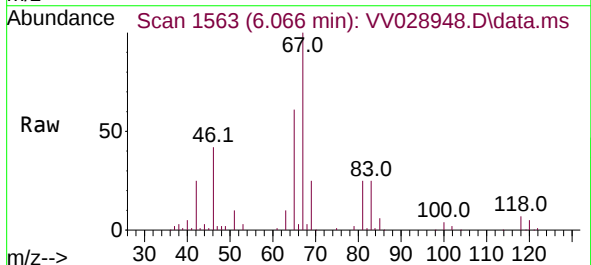
Instrument :
MSVOA_V
ClientSampleId :
H0AE1

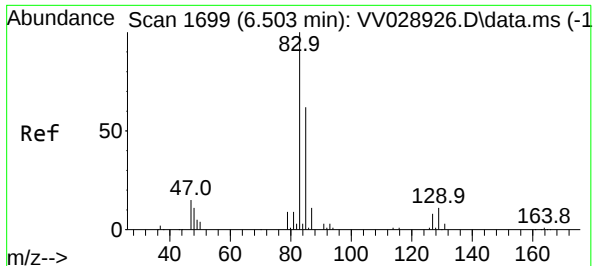
Tgt Ion: 83 Resp: 24514
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.9 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion: 63 Resp: 9545
Ion Ratio Lower Upper
63 100
112 0.5 4.0 6.0#

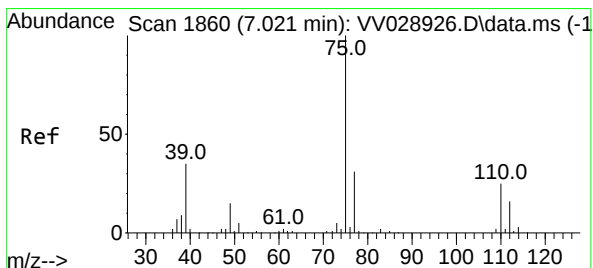
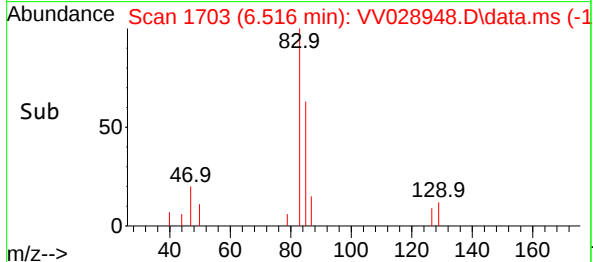
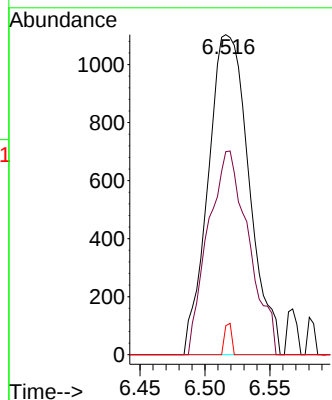
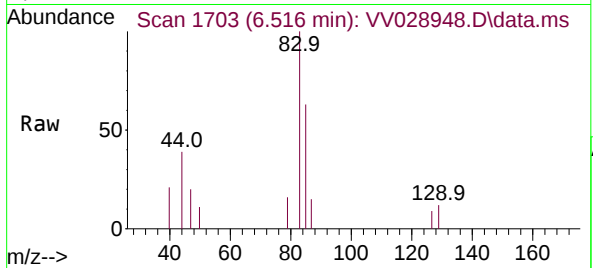




#38
Bromodichloromethane
Concen: 0.109 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

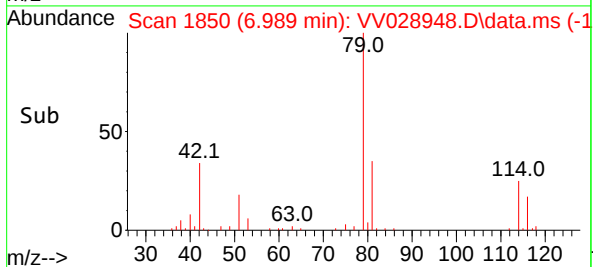
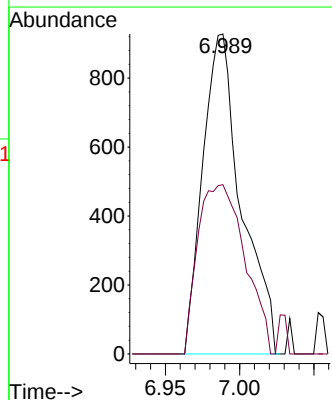
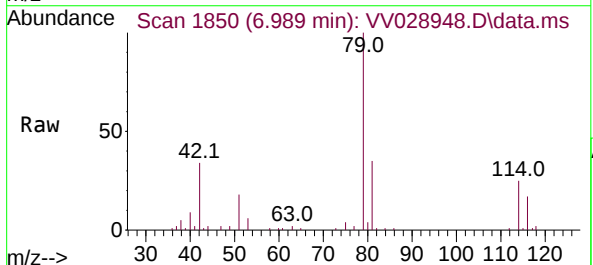
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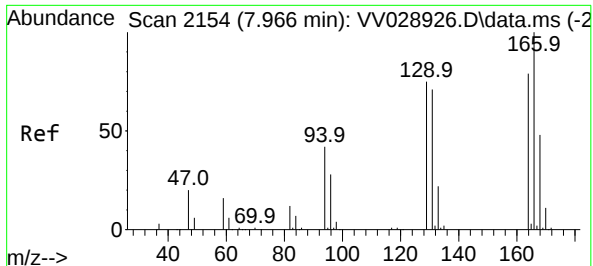
Tgt Ion: 83 Resp: 2421
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5
127 9.1 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.032 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion: 75 Resp: 1678
Ion Ratio Lower Upper
75 100
77 52.9 21.8 40.6#





#47

Tetrachloroethene

Concen: 1.461 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV028948.D

Acq: 14 Nov 2022 19:14

Instrument :

MSVOA_V

ClientSampleId :

H0AE1

Tgt Ion:164 Resp: 22842

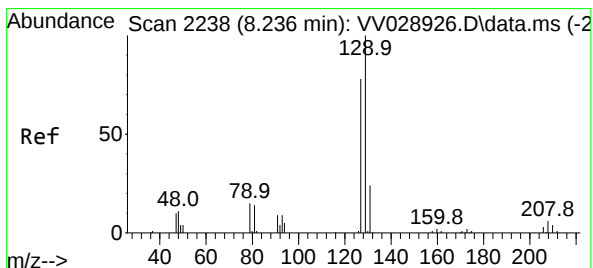
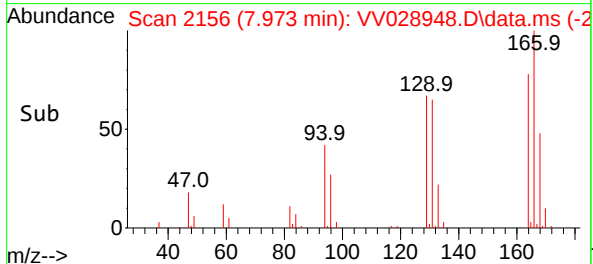
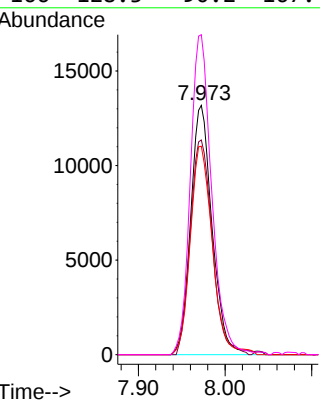
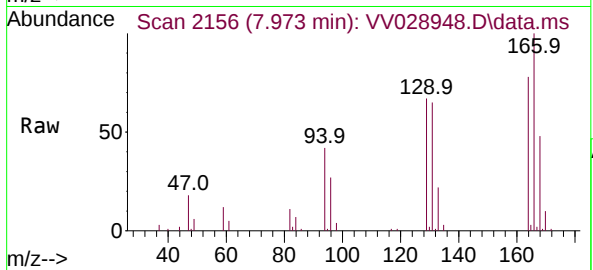
Ion Ratio Lower Upper

164 100

129 86.1 63.9 118.7

131 83.6 61.8 114.8

166 128.3 90.2 167.4



#49

Dibromochloromethane

Concen: 1.429 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.264 min

Lab File: VV028948.D

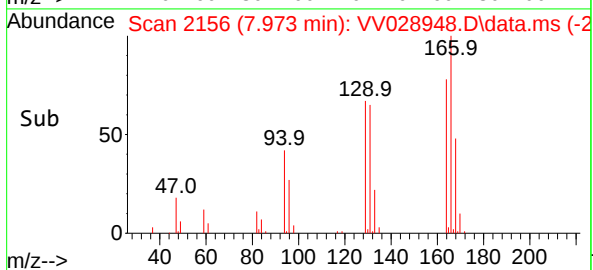
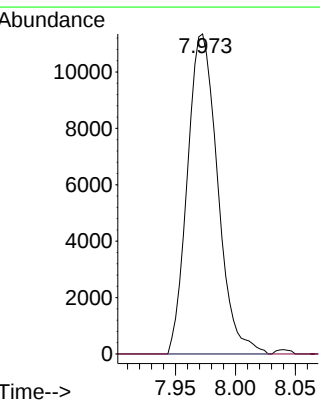
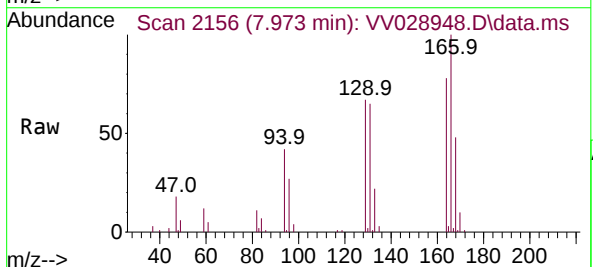
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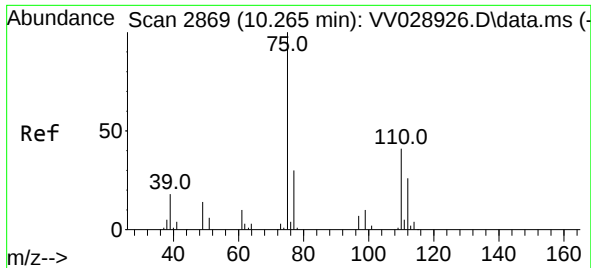
Tgt Ion:129 Resp: 19886

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.659 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028948.D
 Acq: 14 Nov 2022 19:14

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1

Tgt Ion: 75 Resp: 12928
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2
 110 2.9 32.6 48.8#

