

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031019.D
 Acq On : 15 May 2023 10:12
 Operator : SY/MD
 Sample : 02790-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONX5

Quant Time: May 15 12:16:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

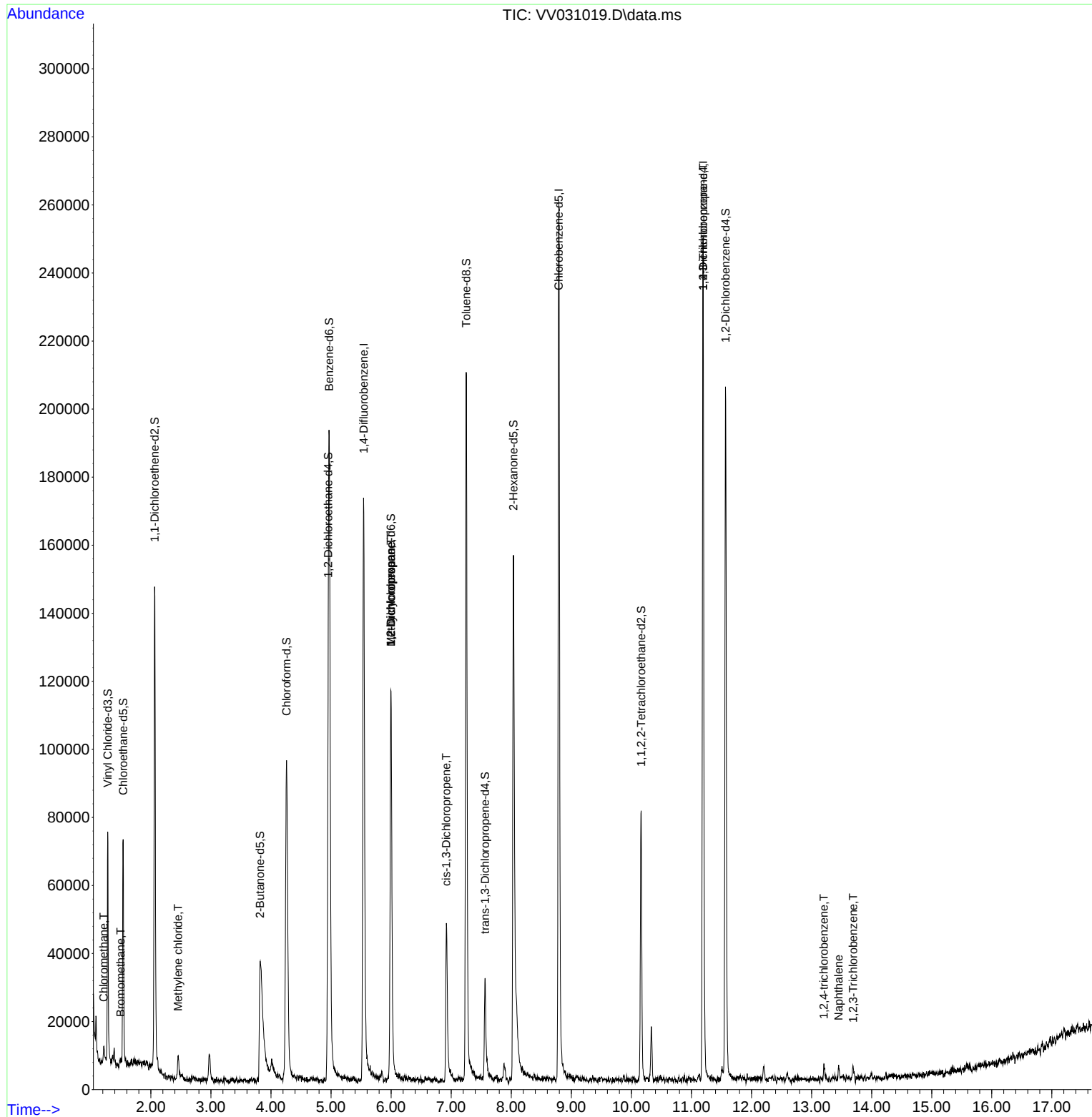
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	148871	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	145697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71935	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43044	3.509	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.539	69	41012	4.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.063	65	23755	3.660	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	3.818	46	79234	36.429	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.860%	
24) Chloroform-d	4.259	84	98618	4.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.953	65	49541	3.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
32) Benzene-d6	4.970	84	170077	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
36) 1,2-Dichloropropane-d6	5.995	67	48884	3.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.800%	
41) Toluene-d8	7.249	98	141550	3.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.600%#	
43) trans-1,3-Dichloroprop...	7.564	79	16889	3.628	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.037	63	54491	33.411	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	66.820%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34578	3.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	54571	4.070	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.400%	
Target Compounds						
3) Chloromethane	1.217	50	3356	0.243	ug/L	93
6) Bromomethane	1.494	94	559	0.102	ug/L	82
16) Methylene chloride	2.455	84	2959	0.261	ug/L	93
35) Methylcyclohexane	5.998	83	13381	0.884	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	6731	0.774	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1512	0.116	ug/L #	69
61) 1,2,3-Trichloropropane	11.194	75	7665	1.696	ug/L #	63
70) 1,2,4-trichlorobenzene	13.204	180	1238	0.102	ug/L #	80
71) Naphthalene	13.452	128	2815	0.162	ug/L	96
72) 1,2,3-Trichlorobenzene	13.693	180	1039	0.101	ug/L #	91

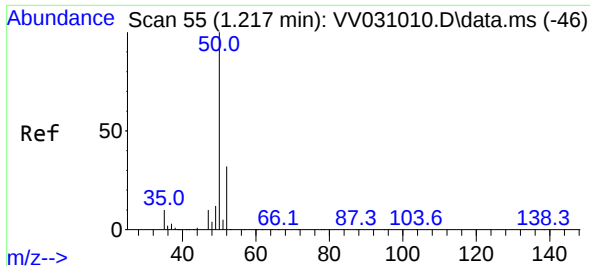
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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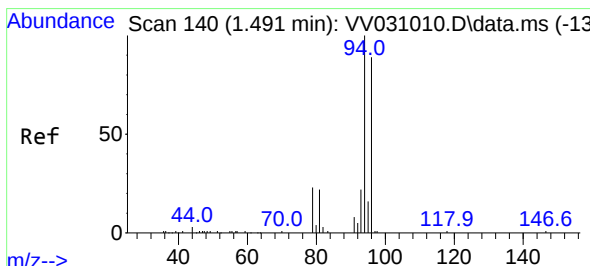
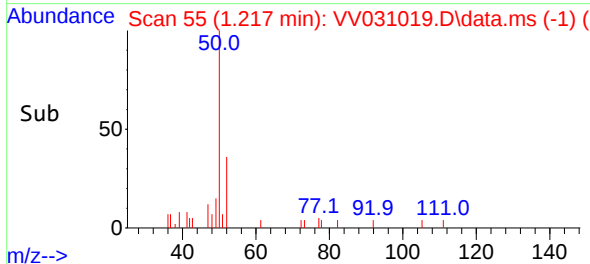
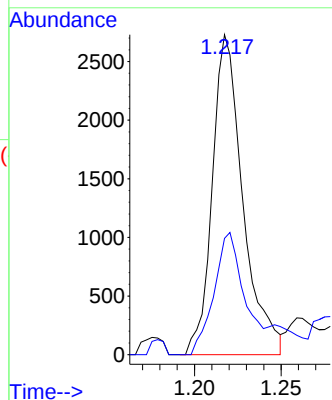
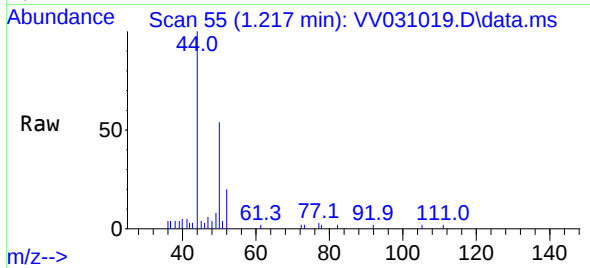




#3
Chloromethane
Concen: 0.243 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

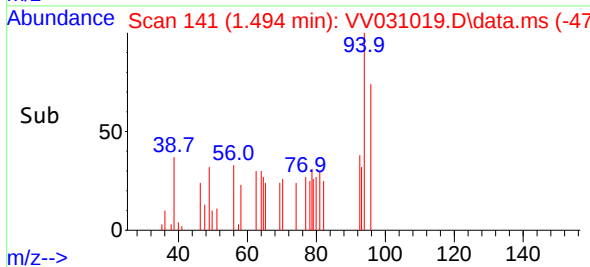
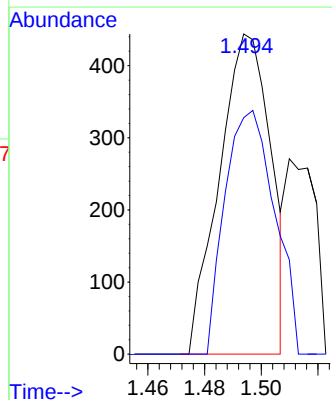
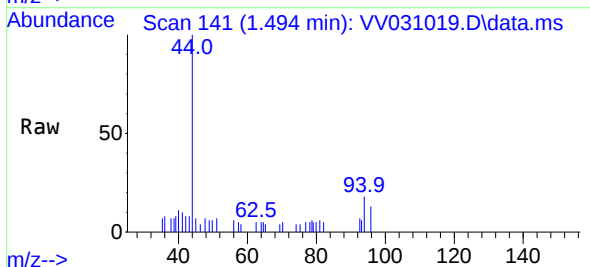
Instrument :
MSVOA_V
ClientSampleId :
CONX5

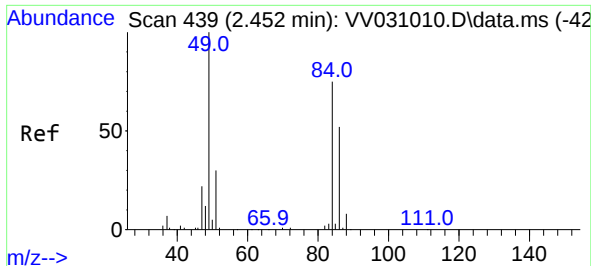
Tgt Ion: 50 Resp: 3356
Ion Ratio Lower Upper
50 100
52 36.4 22.8 42.4



#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

Tgt Ion: 94 Resp: 559
Ion Ratio Lower Upper
94 100
96 73.9 63.4 117.8

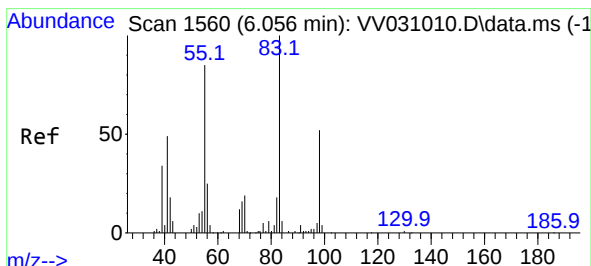
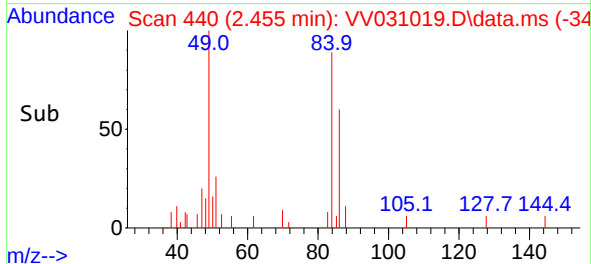
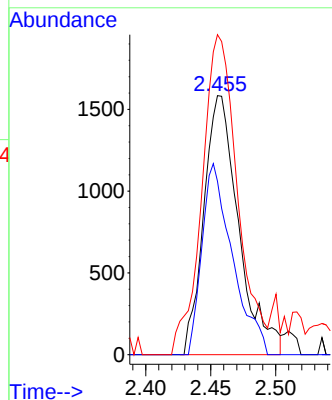
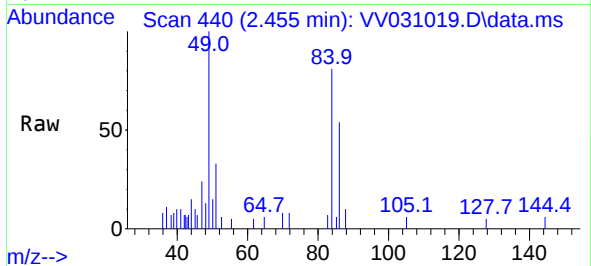




#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

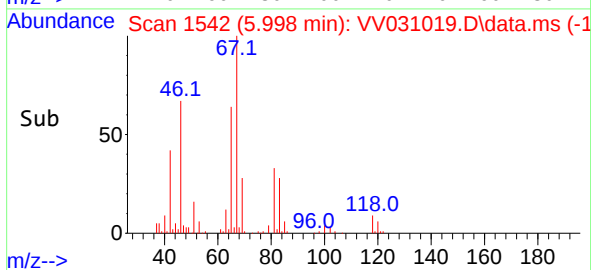
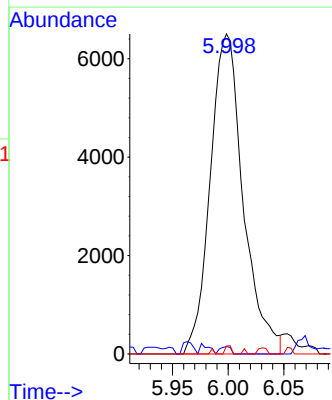
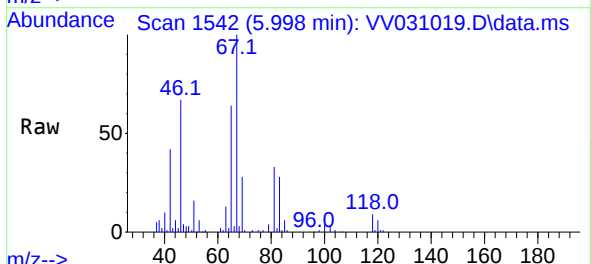
Instrument :
MSVOA_V
ClientSampleId :
CONX5

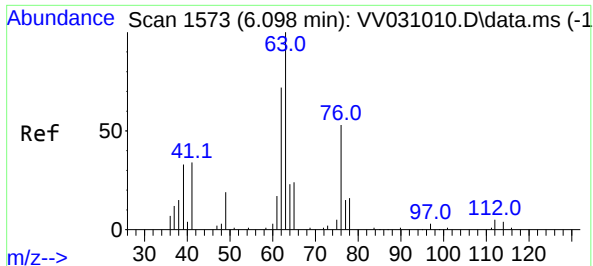
Tgt Ion: 84 Resp: 2959
Ion Ratio Lower Upper
84 100
86 67.0 46.1 85.5
49 123.5 94.3 175.1



#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

Tgt Ion: 83 Resp: 13381
Ion Ratio Lower Upper
83 100
55 0.7 62.9 94.3#
98 0.5 40.5 60.7#

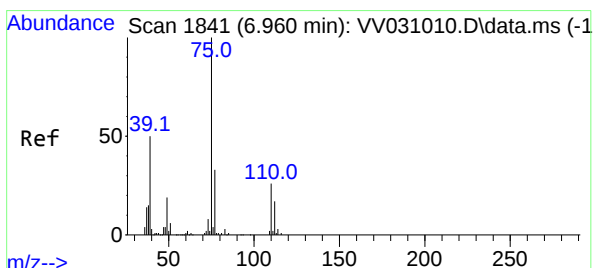
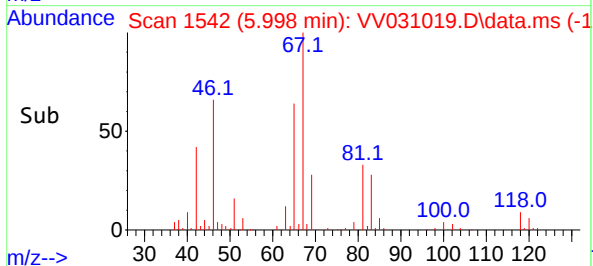
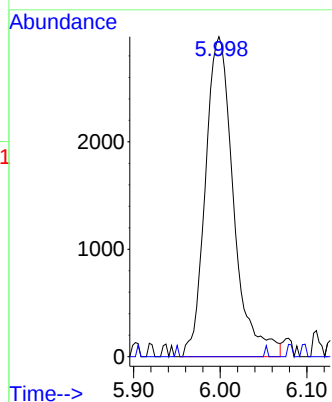
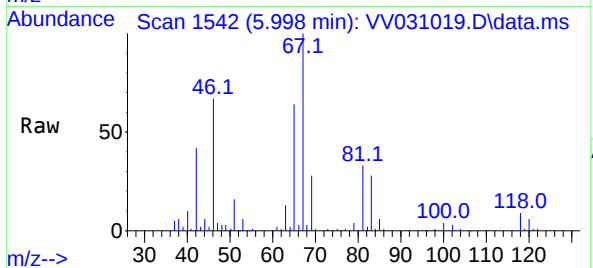




#37
1,2-Dichloropropane
Concen: 0.774 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

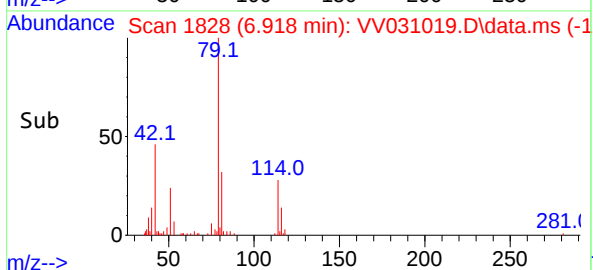
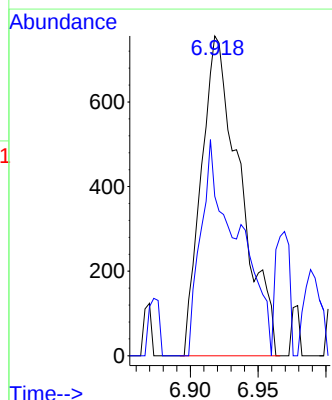
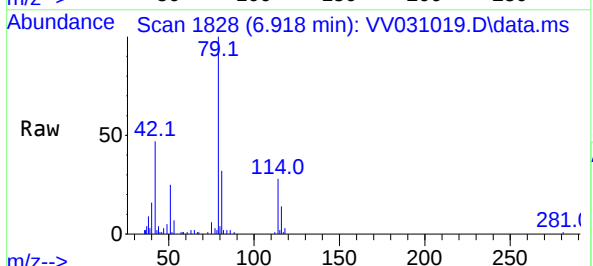
Instrument :
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CONX5

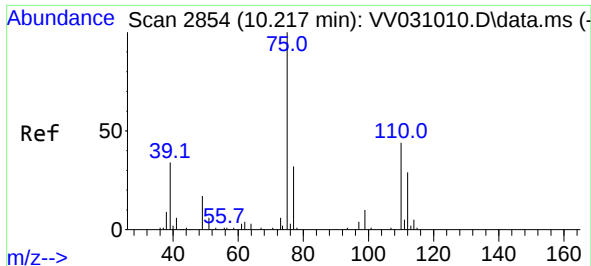
Tgt Ion: 63 Resp: 6731
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

Tgt Ion: 75 Resp: 1512
Ion Ratio Lower Upper
75 100
77 49.9 22.6 42.0#

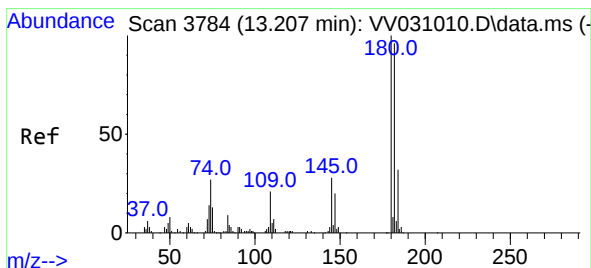
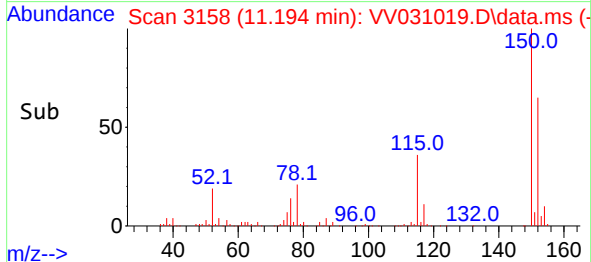
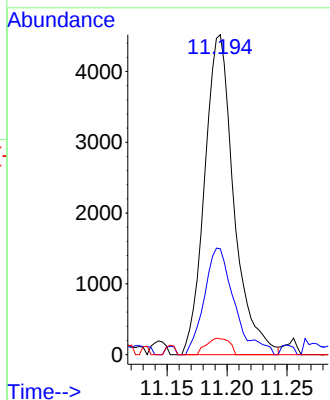
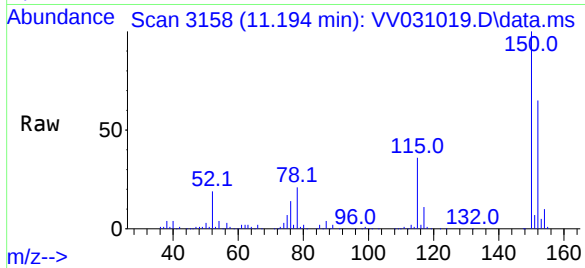




#61
1,2,3-Trichloropropane
Concen: 1.696 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

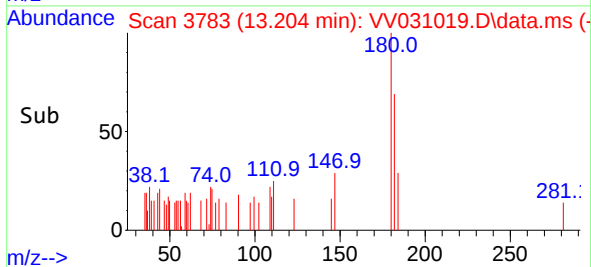
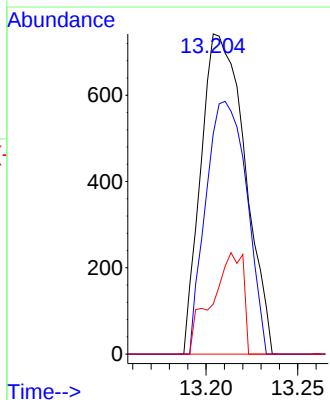
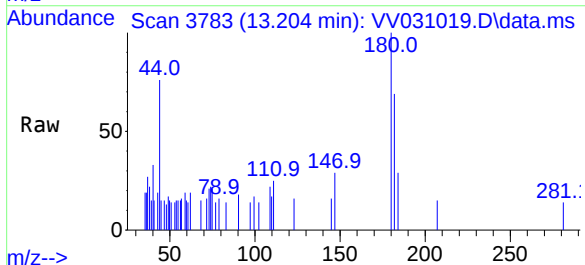
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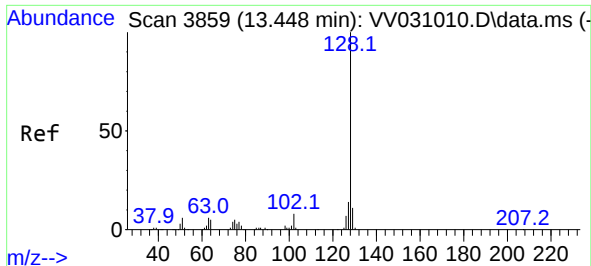
Tgt Ion: 75 Resp: 7665
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9
110 4.0 34.0 51.0#



#70
1,2,4-trichlorobenzene
Concen: 0.102 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.003 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

Tgt Ion:180 Resp: 1238
Ion Ratio Lower Upper
180 100
182 73.3 76.0 114.0#
145 22.8 22.9 34.3#

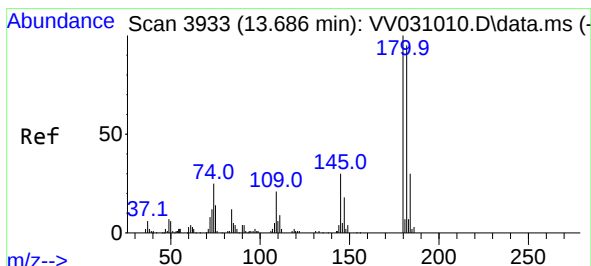
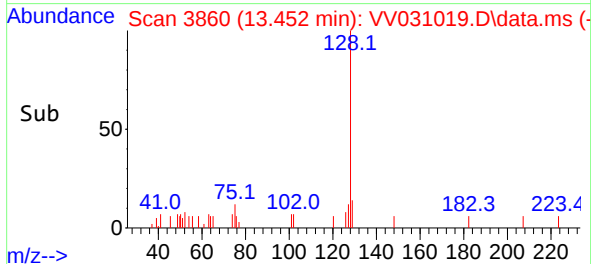
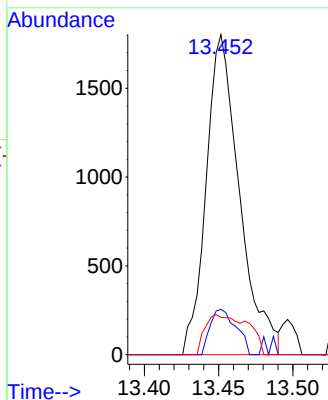
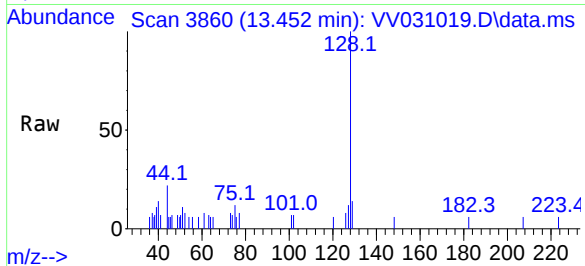




#71
Naphthalene
Concen: 0.162 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031019.D
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Instrument :
MSVOA_V
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Tgt Ion:	128	Resp:	2815
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	16.0	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.101 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV031019.D
Acq: 15 May 2023 10:12

Tgt Ion:	180	Resp:	1039
Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.3	115.9
145	47.5	24.7	37.1#

