

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028639.D
 Acq On : 20 Oct 2022 16:56
 Operator : SY/MD
 Sample : N5163-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713DL

Quant Time: Oct 21 01:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

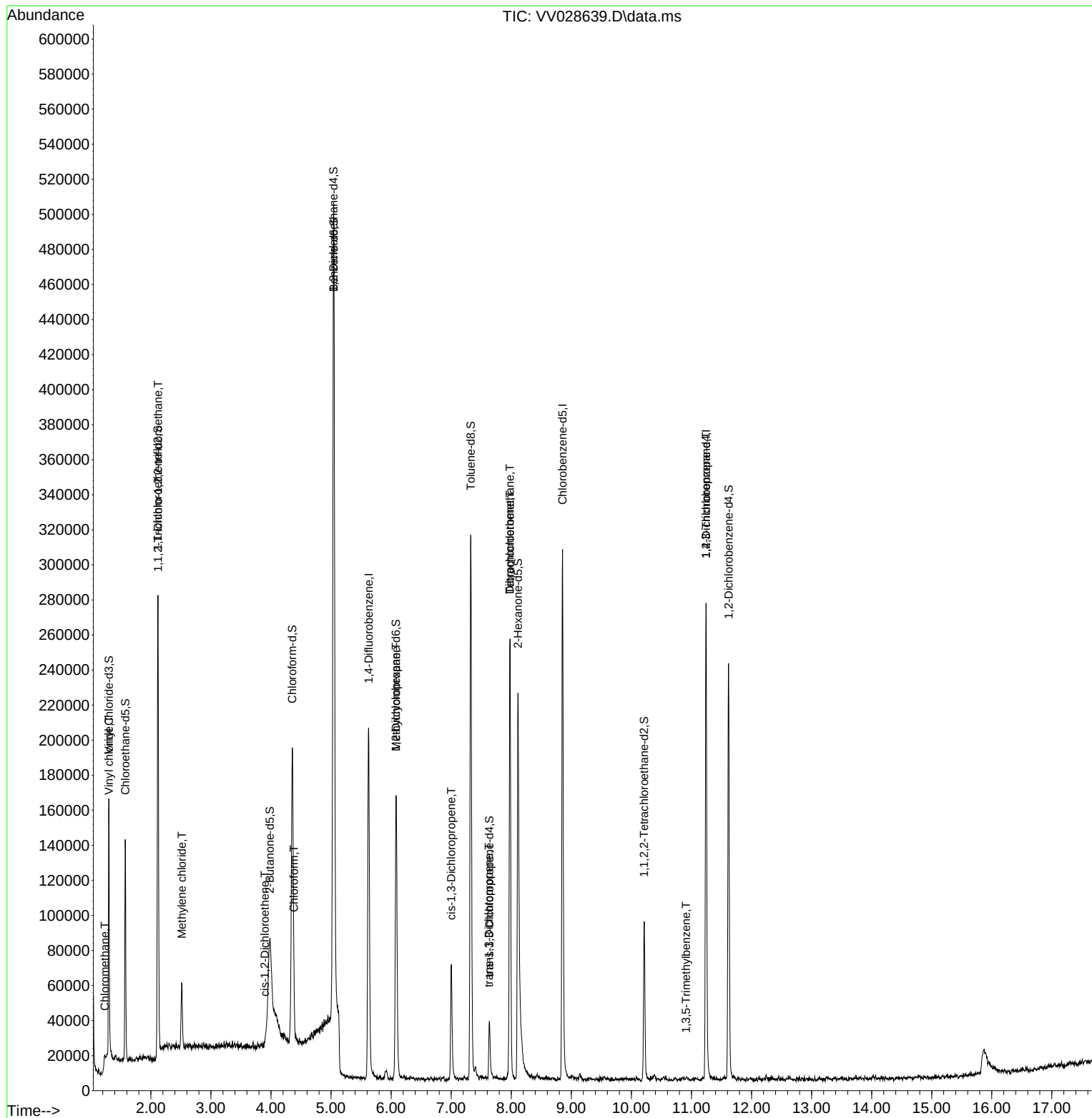
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	160244	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.854	117	151780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	65047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	103244	6.508	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 130.200%#		
7) Chloroethane-d5	1.574	69	80323	6.441	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	= 128.800%		
11) 1,1-Dichloroethene-d2	2.117	63	144542	5.243	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.800%		
20) 2-Butanone-d5	3.982	46	195152	65.355	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 130.720%#		
24) Chloroform-d	4.355	84	159999	6.799	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 136.000%#		
26) 1,2-Dichloroethane-d4	5.040	65	94743	7.433	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 148.600%#		
32) Benzene-d6	5.043	84	345848	5.237	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
36) 1,2-Dichloropropane-d6	6.082	67	78142	3.774	ug/L	0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	= 75.400%		
41) Toluene-d8	7.326	98	196283	4.110	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.200%		
43) trans-1,3-Dichloroprop...	7.635	79	18303	3.641	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 72.800%		
46) 2-Hexanone-d5	8.111	63	85027	40.737	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 81.480%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43910	4.489	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.800%		
66) 1,2-Dichlorobenzene-d4	11.619	152	55854	4.777	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 95.600%		
Target Compounds						Qvalue
3) Chloromethane	1.233	50	1097	0.071	ug/L #	72
5) Vinyl chloride	1.304	62	674	0.045	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	1504	0.137	ug/L #	37
16) Methylene chloride	2.516	84	13343	0.895	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	674	0.052	ug/L #	63
25) Chloroform	4.381	83	3341	0.134	ug/L	83
35) Methylcyclohexane	6.082	83	17051	0.661	ug/L #	17
39) cis-1,3-Dichloropropene	7.002	75	1835	0.093	ug/L #	40
44) trans-1,3-Dichloropropene	7.628	75	1171	0.084	ug/L #	8
47) Tetrachloroethene	7.979	164	50507	5.691	ug/L	98
49) Dibromochloromethane	7.979	129	48061	5.772	ug/L #	13
61) 1,2,3-Trichloropropane	11.243	75	9909	1.406	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.908	105	503	0.032	ug/L	99

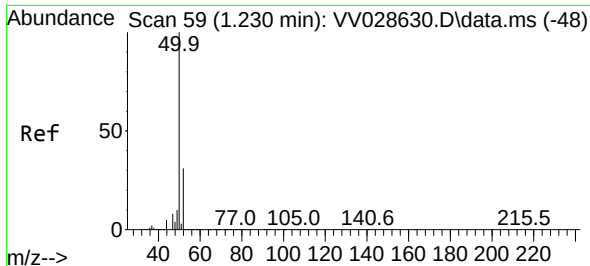
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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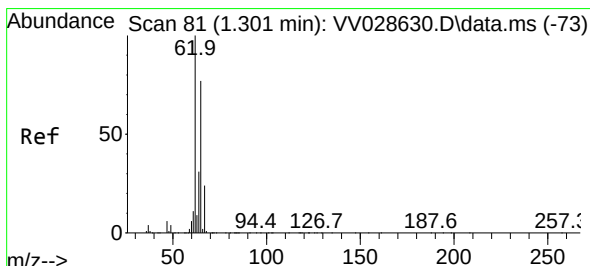
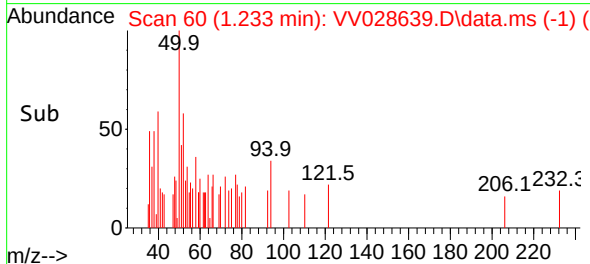
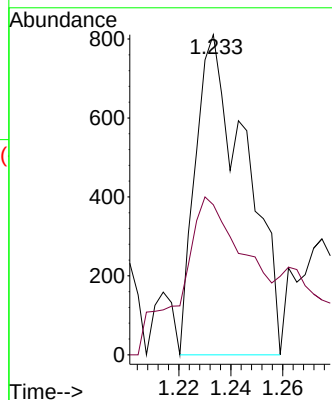
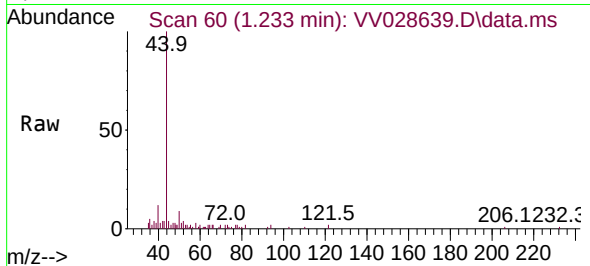




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.233 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

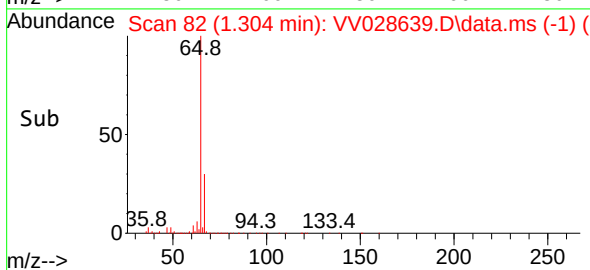
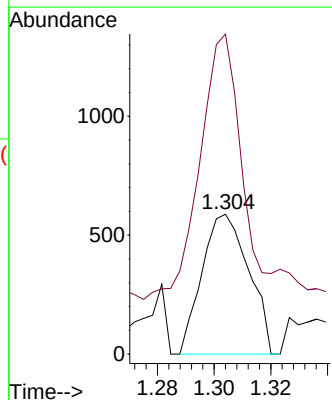
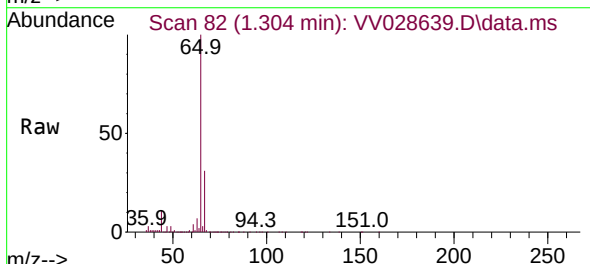
Instrument :
MSVOA_V
ClientSampleId :
BD713DL

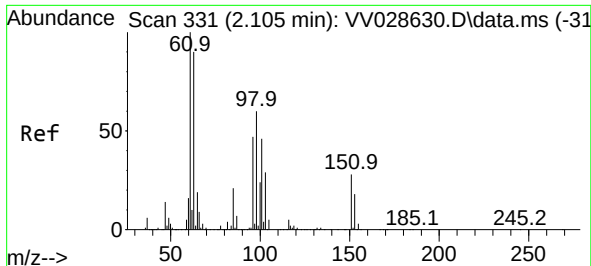
Tgt Ion: 50 Resp: 1097
Ion Ratio Lower Upper
50 100
52 46.9 21.8 40.6#



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.003 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

Tgt Ion: 62 Resp: 674
Ion Ratio Lower Upper
62 100
64 228.9 22.0 41.0#

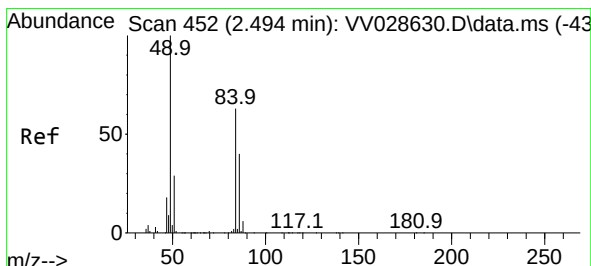
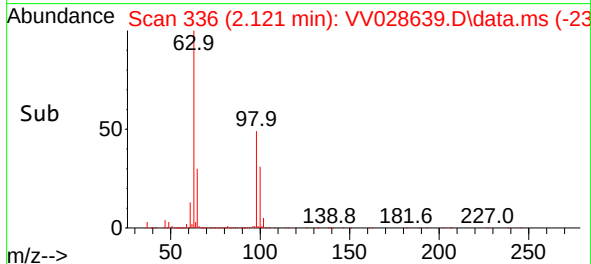
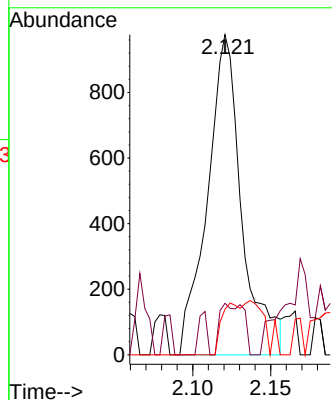
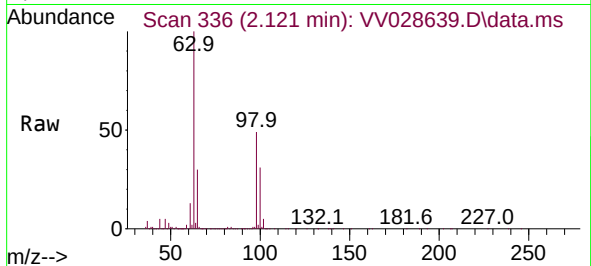




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.137 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.016 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

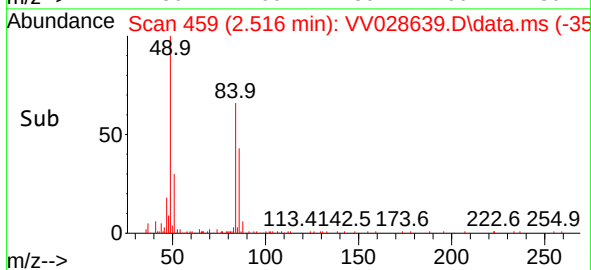
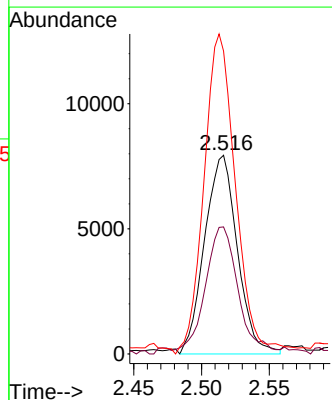
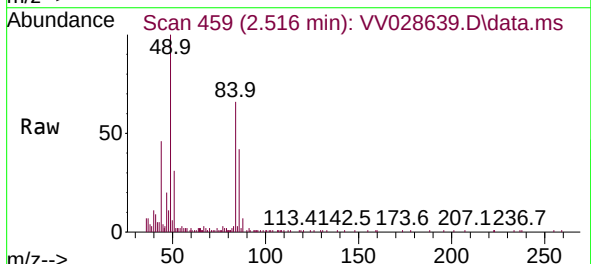
Instrument :
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ClientSampleId :
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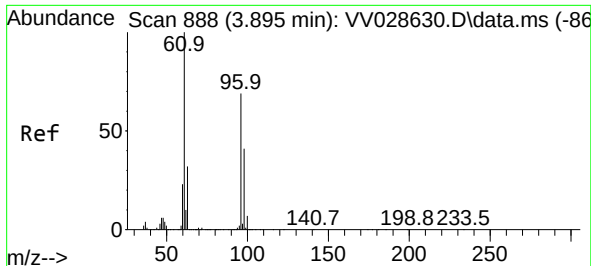
Tgt Ion:101 Resp: 1504
Ion Ratio Lower Upper
101 100
85 11.1 37.0 55.6#
151 8.8 50.2 75.2#



#16
Methylene chloride
Concen: 0.895 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.023 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

Tgt Ion: 84 Resp: 13343
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.4
49 152.5 110.8 205.8

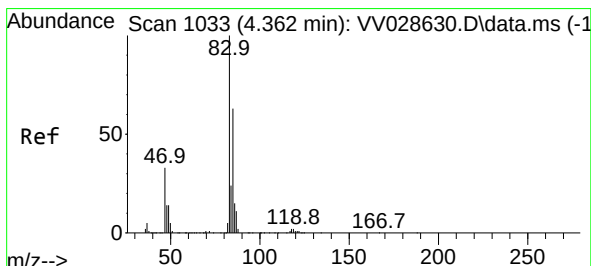
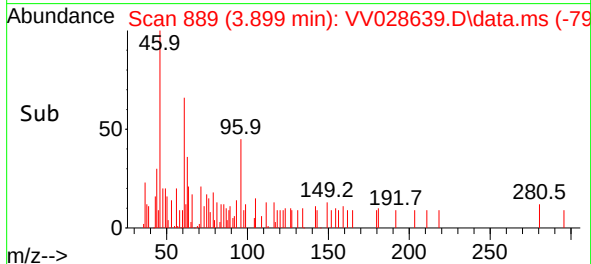
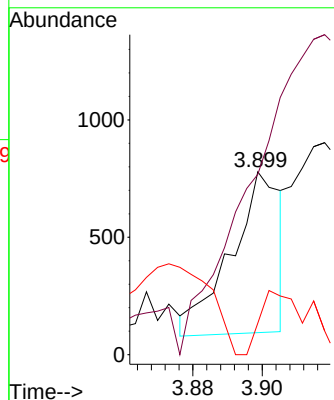
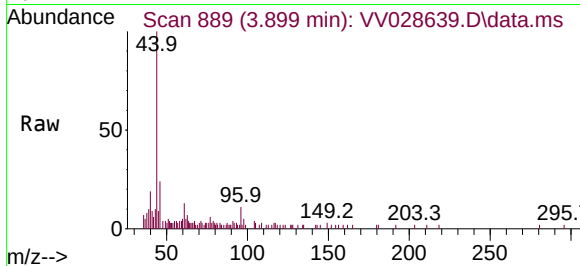




#22
cis-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 3.899 min Scan# 888
Delta R.T. 0.003 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

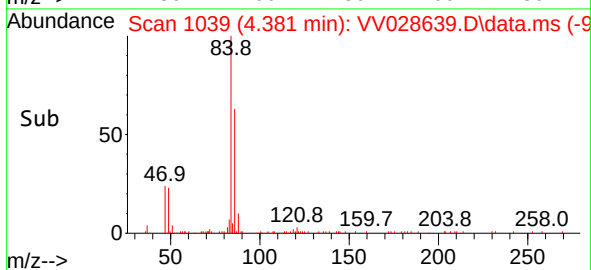
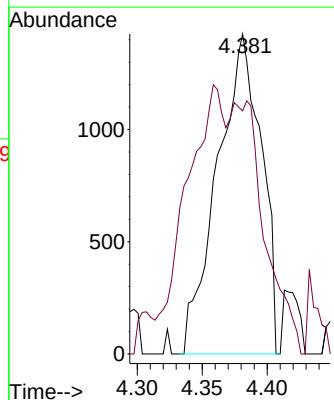
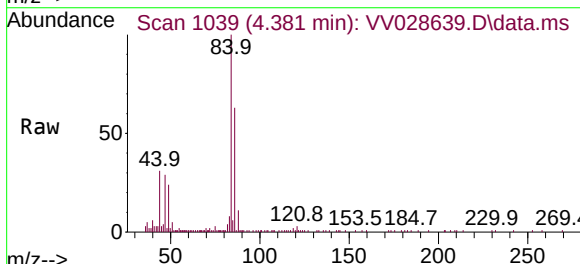
Instrument :
MSVOA_V
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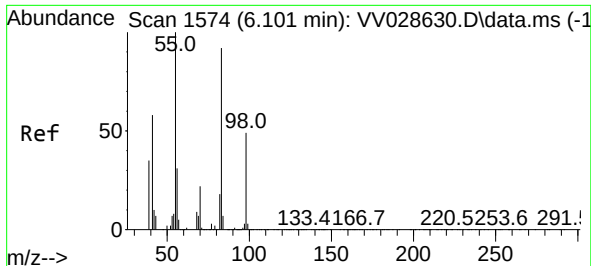
Tgt Ion: 96 Resp: 674
Ion Ratio Lower Upper
96 100
61 98.6 101.4 188.2#
68 17.2 0.5 0.9#



#25
Chloroform
Concen: 0.134 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.019 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

Tgt Ion: 83 Resp: 3341
Ion Ratio Lower Upper
83 100
85 75.9 44.1 81.9

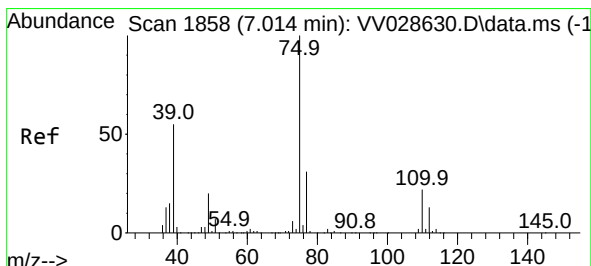
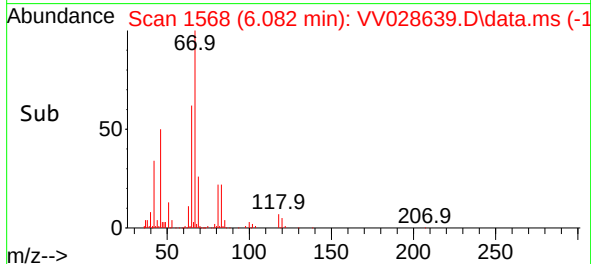
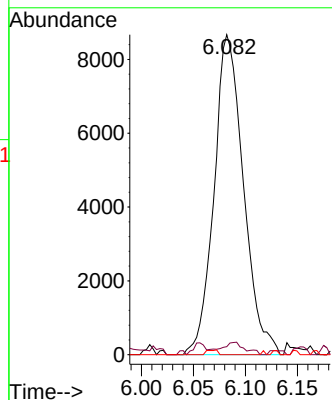
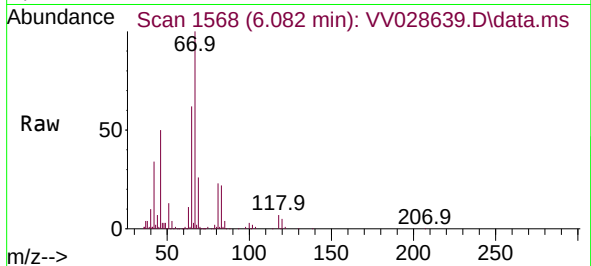




#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.082 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

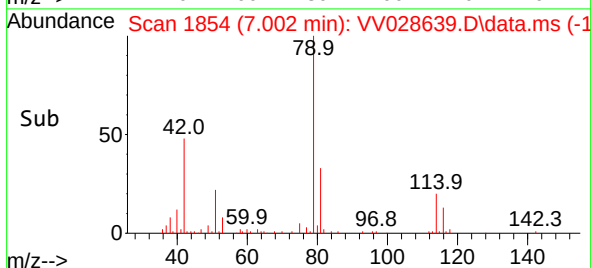
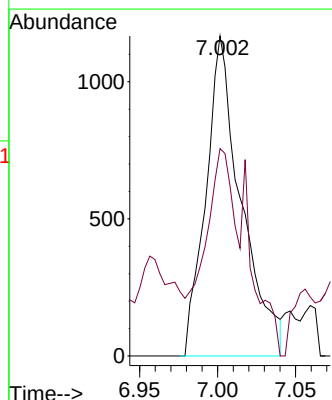
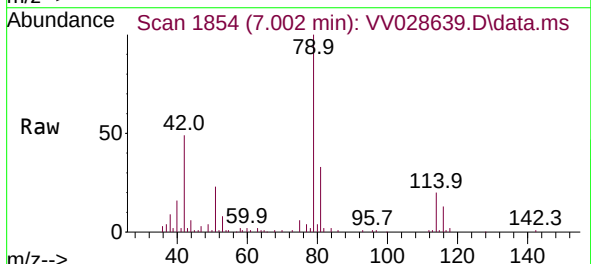
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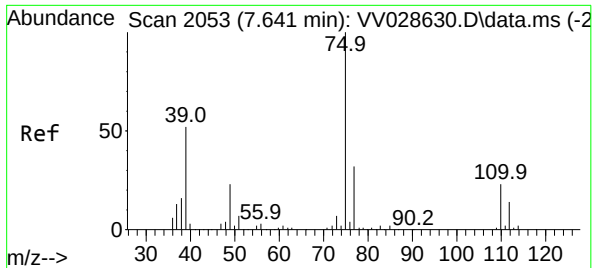
Tgt Ion: 83 Resp: 17051
Ion Ratio Lower Upper
83 100
55 3.1 70.0 105.0#
98 0.5 35.6 53.4#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.002 min Scan# 1854
Delta R.T. -0.013 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

Tgt Ion: 75 Resp: 1835
Ion Ratio Lower Upper
75 100
77 64.8 22.1 41.1#

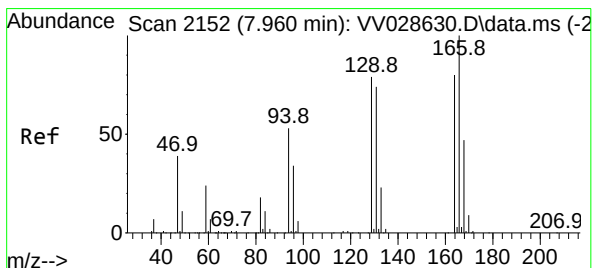
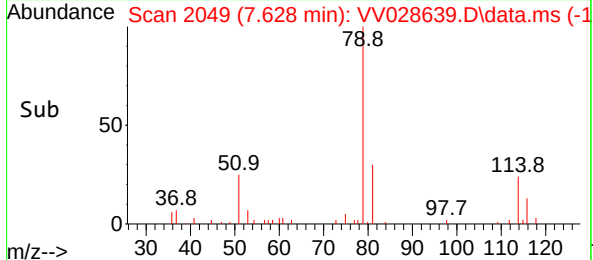
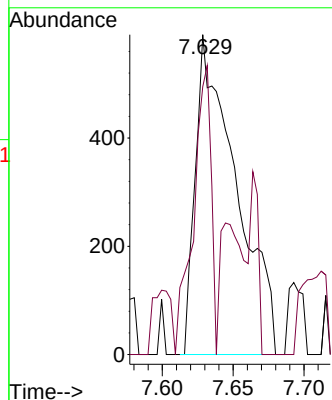
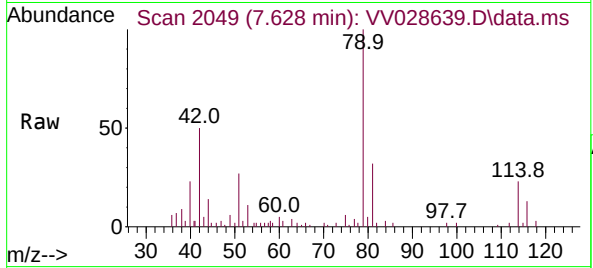




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.013 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

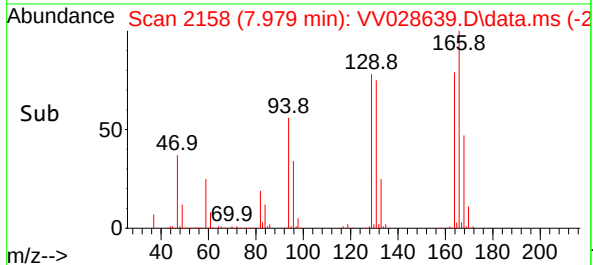
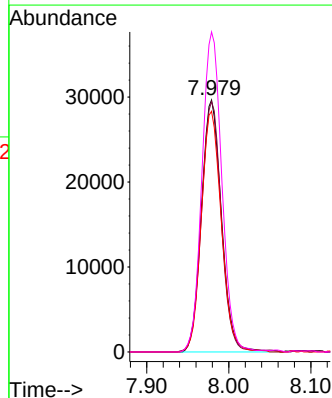
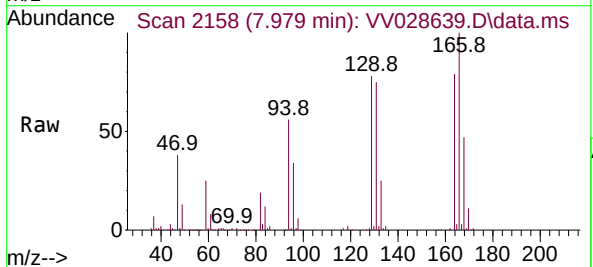
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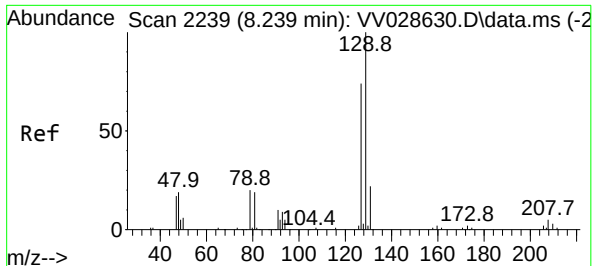
Tgt Ion: 75 Resp: 1171
Ion Ratio Lower Upper
75 100
77 83.8 22.6 42.0#



#47
Tetrachloroethene
Concen: 5.691 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.019 min
Lab File: VV028639.D
Acq: 20 Oct 2022 16:56

Tgt Ion:164 Resp: 50507
Ion Ratio Lower Upper
164 100
129 99.4 69.2 128.6
131 95.5 64.2 119.2
166 127.0 87.3 162.1





#49

Dibromochloromethane

Concen: 5.772 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.260 min

Lab File: VV028639.D

Acq: 20 Oct 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

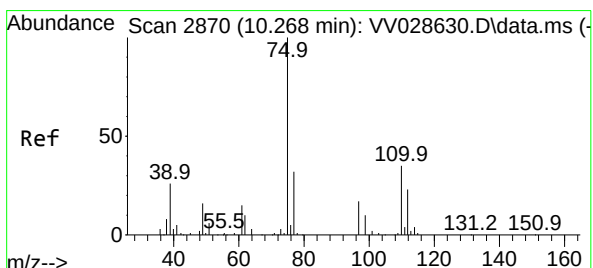
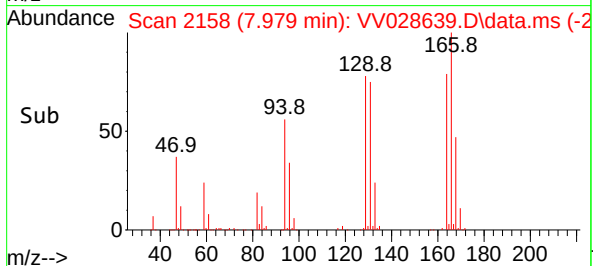
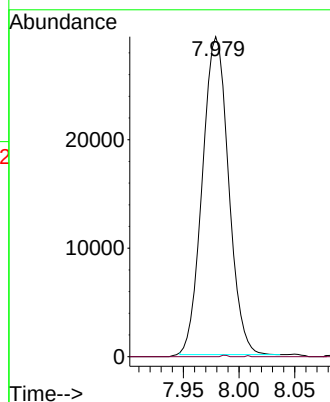
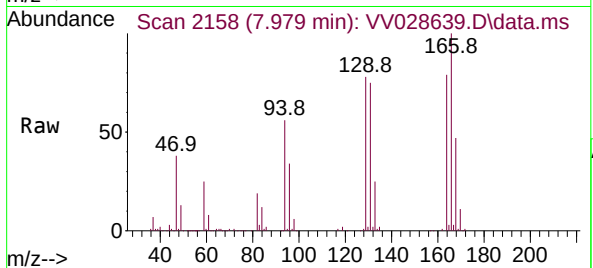
BD713DL

Tgt Ion:129 Resp: 48061

Ion Ratio Lower Upper

129 100

127 0.0 51.6 95.8#



#61

1,2,3-Trichloropropane

Concen: 1.406 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028639.D

Acq: 20 Oct 2022 16:56

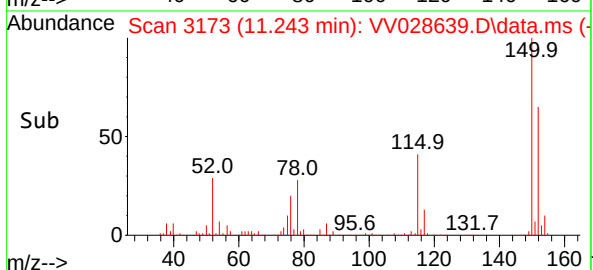
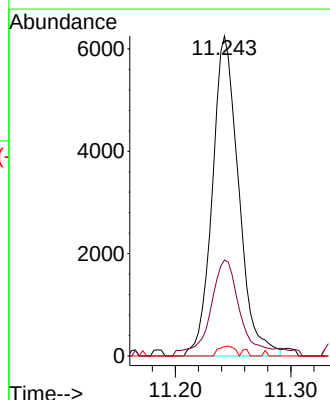
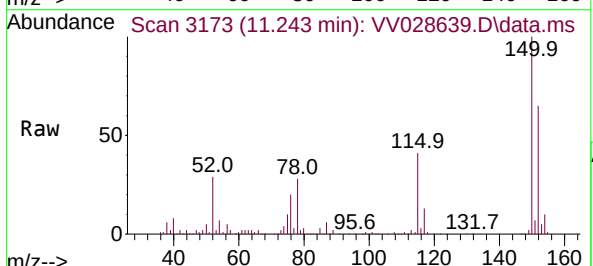
Tgt Ion: 75 Resp: 9909

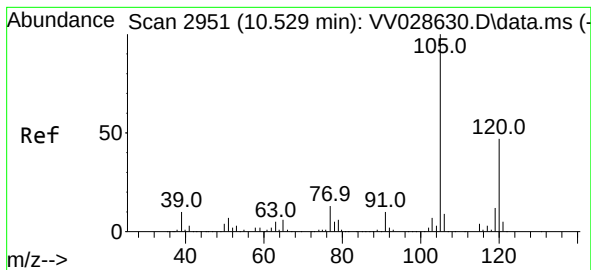
Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8

110 1.9 27.9 41.9#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.032 ug/L
 RT: 10.908 min Scan# 30
 Delta R.T. 0.380 min
 Lab File: VV028639.D
 Acq: 20 Oct 2022 16:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713DL

Tgt Ion:105 Resp: 503
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.3 57.5

