

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027635.D
 Acq On : 31 Aug 2022 23:29
 Operator : SY/MD
 Sample : N4366-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

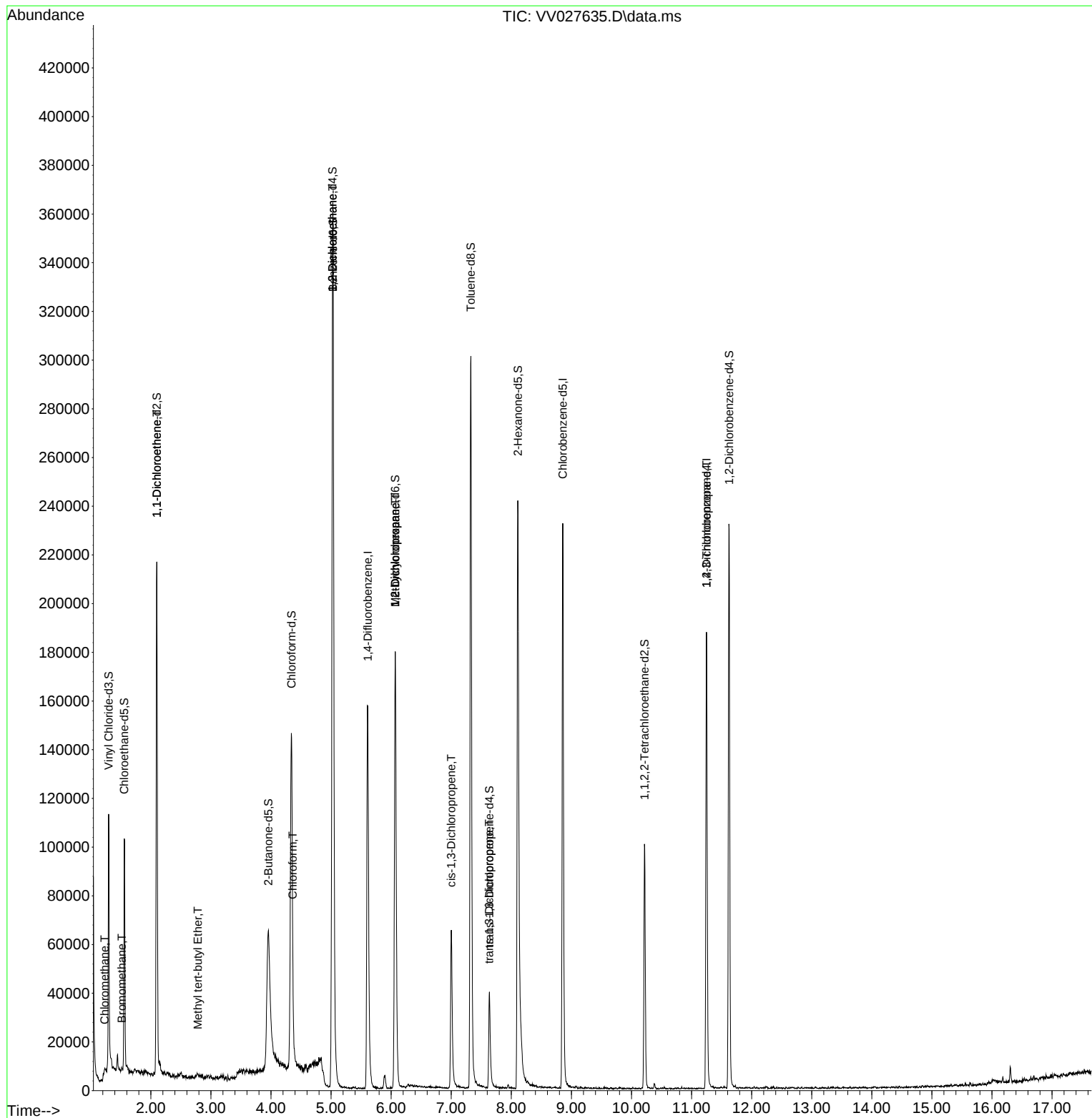
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	134931	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	125373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	73827	5.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.558	69	60508	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.600%		
11) 1,1-Dichloroethene-d2	2.098	63	112454	3.920	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.400%		
20) 2-Butanone-d5	3.957	46	147475	59.505	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 119.020%		
24) Chloroform-d	4.339	84	139079	4.726	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
26) 1,2-Dichloroethane-d4	5.024	65	74087	5.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
32) Benzene-d6	5.030	84	299668	5.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.800%		
36) 1,2-Dichloropropane-d6	6.069	67	84566	5.324	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.400%		
41) Toluene-d8	7.326	98	203928	4.585	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.800%		
43) trans-1,3-Dichloroprop...	7.635	79	23134	4.727	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.600%		
46) 2-Hexanone-d5	8.107	63	81384	44.225	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.440%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47701	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	58561	5.343	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.800%		
Target Compounds						
3) Chloromethane	1.230	50	1014	0.058	ug/L #	65
6) Bromomethane	1.516	94	654	0.083	ug/L	97
12) 1,1-Dichloroethene	2.098	96	1054	0.094	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	1248	0.052	ug/L #	35
25) Chloroform	4.362	83	5005	0.191	ug/L	86
27) 1,2-Dichloroethane	5.024	62	2083	0.145	ug/L	96
35) Methylcyclohexane	6.069	83	20793	1.115	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	9934	0.805	ug/L #	89
39) cis-1,3-Dichloropropene	6.998	75	1780	0.118	ug/L #	42
44) trans-1,3-Dichloropropene	7.628	75	1038	0.084	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6293	1.270	ug/L #	66

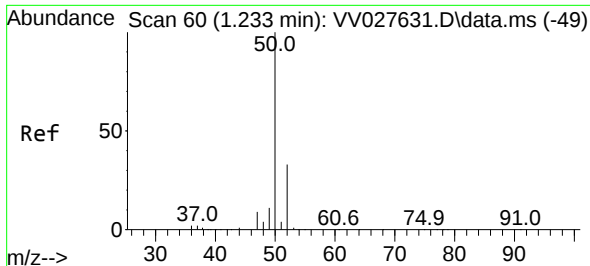
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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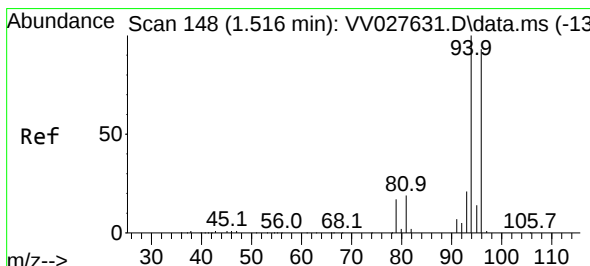
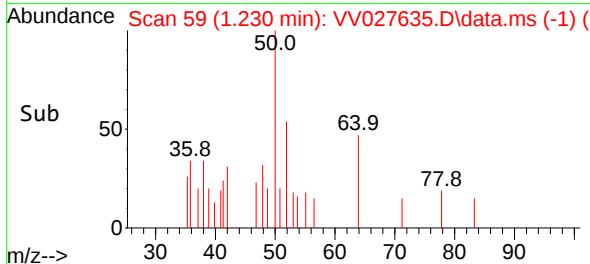
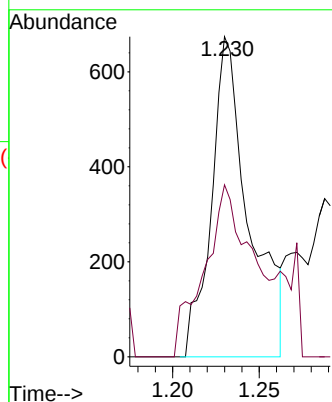
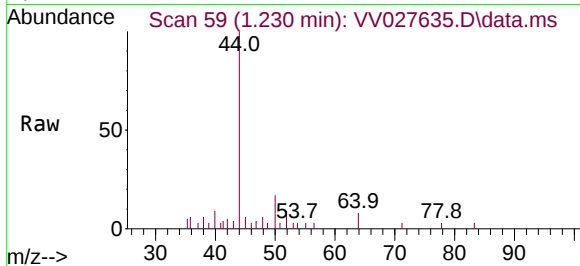




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

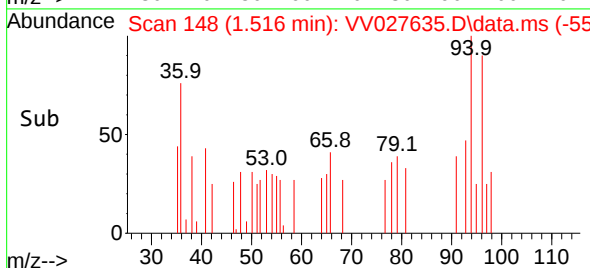
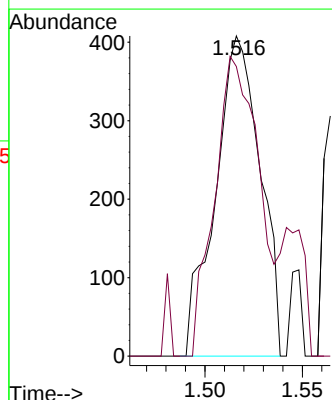
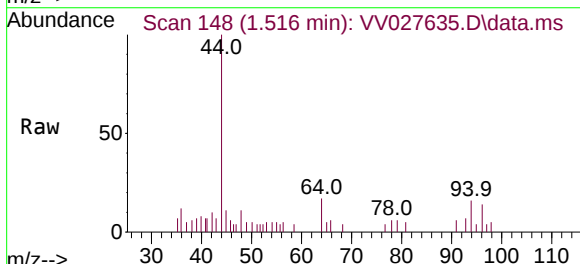
Instrument :
MSVOA_V
ClientSampleId :

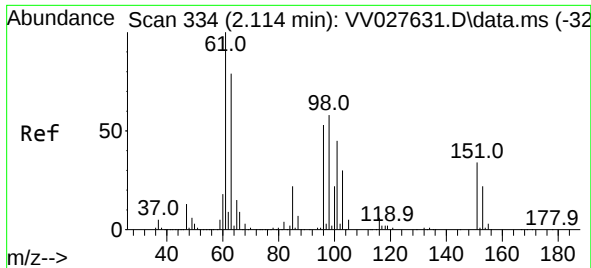
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 53.7 23.5 43.7#



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

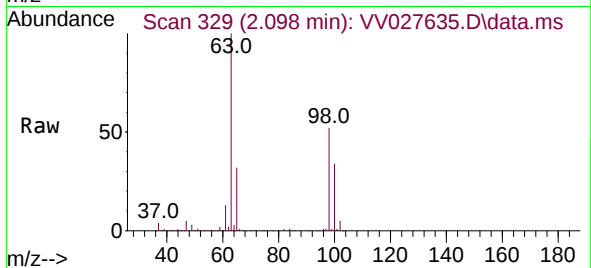
Tgt Ion: 94 Resp: 654
Ion Ratio Lower Upper
94 100
96 90.4 65.1 120.9



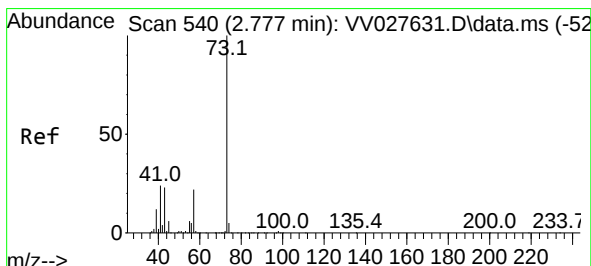
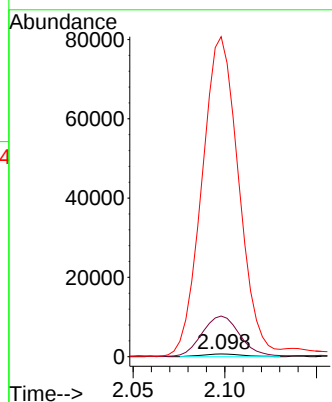
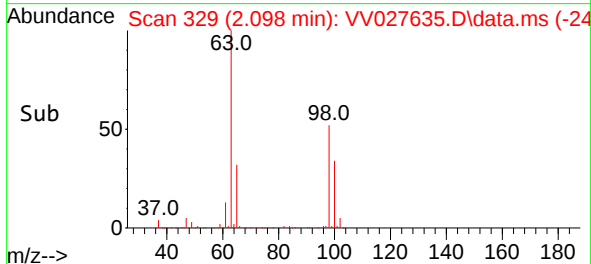


#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

Instrument :
MSVOA_V
ClientSampleId :

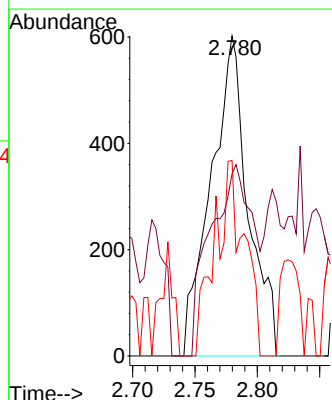
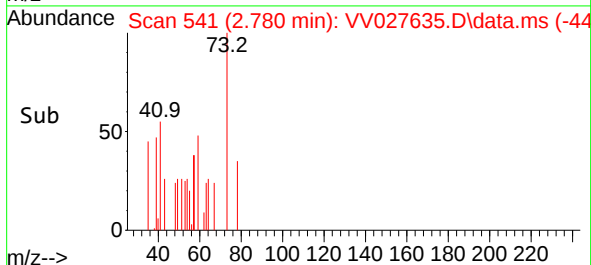
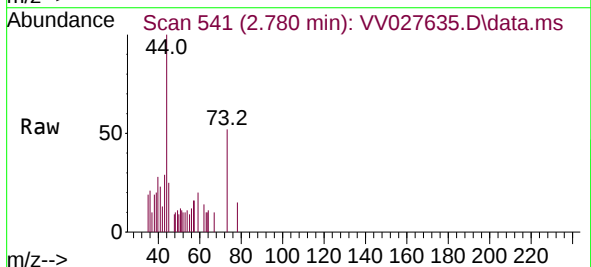


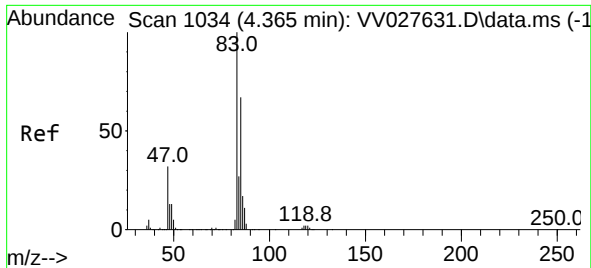
Tgt Ion: 96 Resp: 1054
Ion Ratio Lower Upper
96 100
61 1517.3 134.3 249.3#
63 11922.0 105.7 196.3#



#17
Methyl tert-butyl Ether
Concen: 0.052 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

Tgt Ion: 73 Resp: 1248
Ion Ratio Lower Upper
73 100
43 68.3 16.5 24.7#
57 37.3 18.2 27.2#

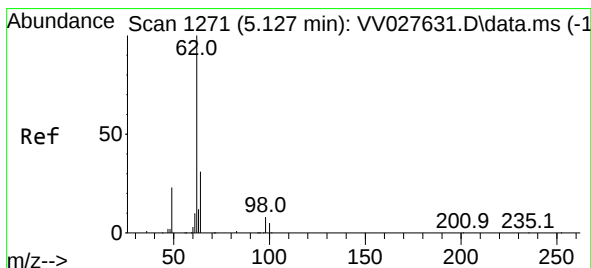
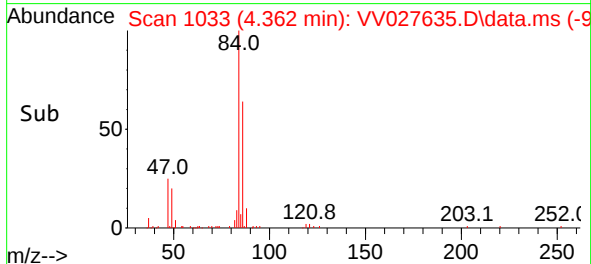
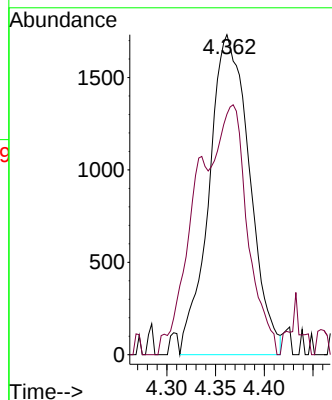
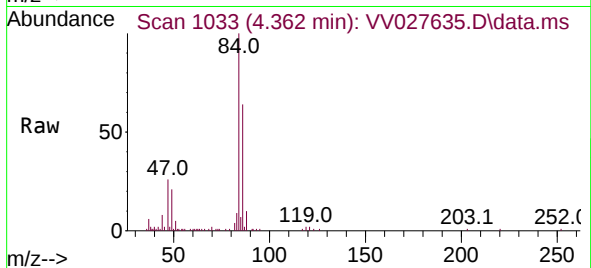




#25
Chloroform
Concen: 0.191 ug/L
RT: 4.362 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

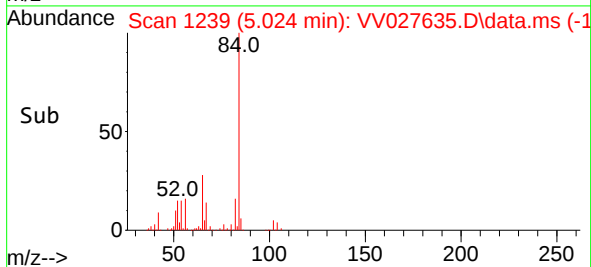
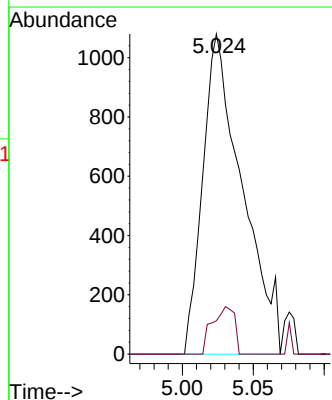
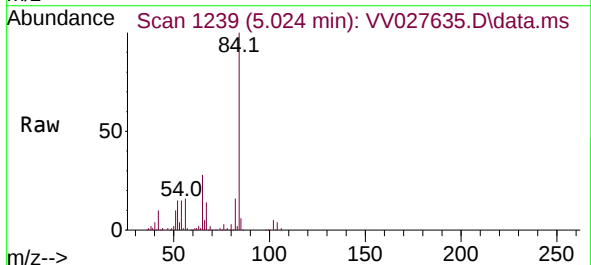
Instrument :
MSVOA_V
ClientSampleId :

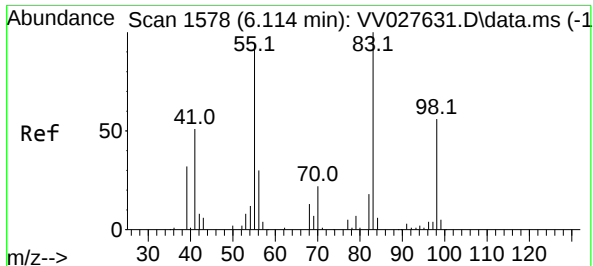
Tgt Ion: 83 Resp: 5005
Ion Ratio Lower Upper
83 100
85 75.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 0.145 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. -0.103 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

Tgt Ion: 62 Resp: 2083
Ion Ratio Lower Upper
62 100
98 10.4 7.0 10.6

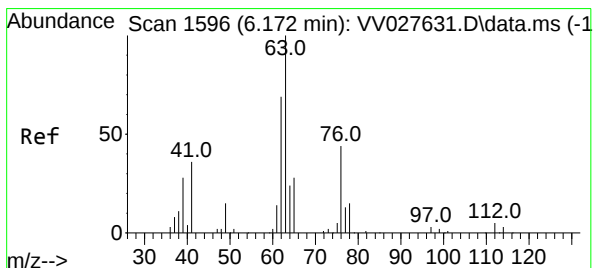
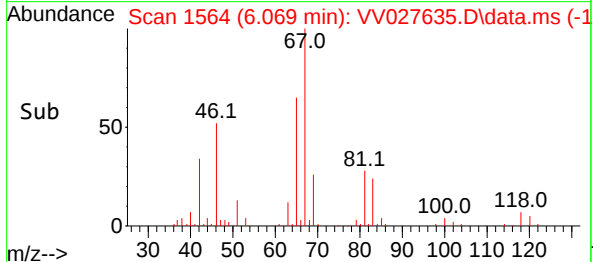
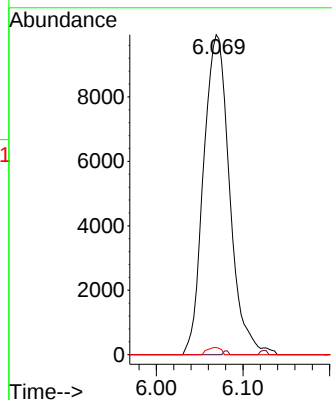
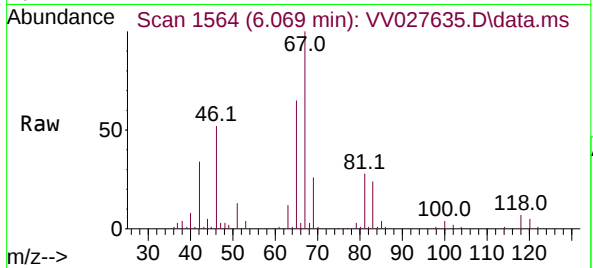




#35
Methylcyclohexane
Concen: 1.115 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.045 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

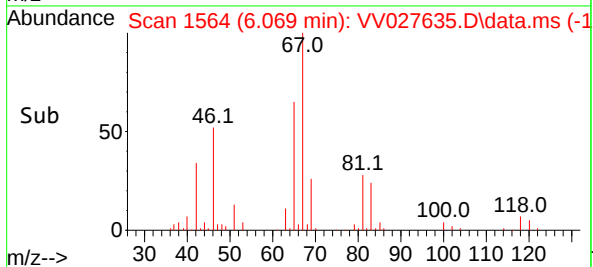
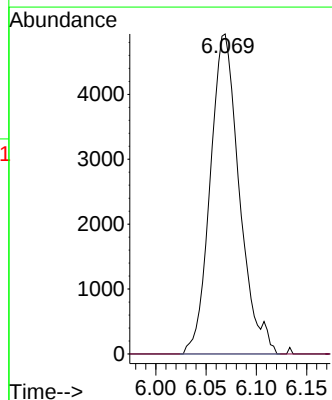
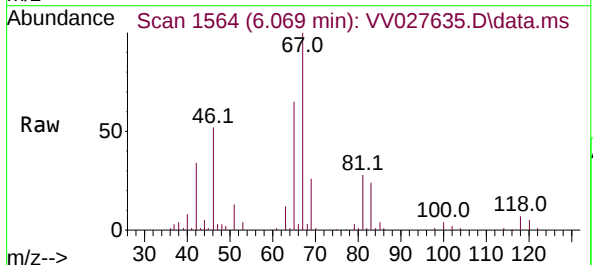
Instrument :
MSVOA_V
ClientSampleId :

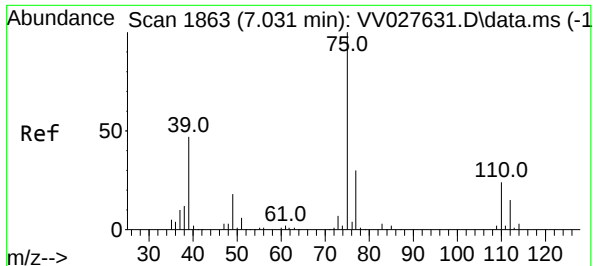
Tgt Ion: 83 Resp: 20793
Ion Ratio Lower Upper
83 100
55 0.2 66.0 99.0#
98 1.2 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.805 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV027635.D
Acq: 31 Aug 2022 23:29

Tgt Ion: 63 Resp: 9934
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV027635.D

Acq: 31 Aug 2022 23:29

Instrument :

MSVOA_V

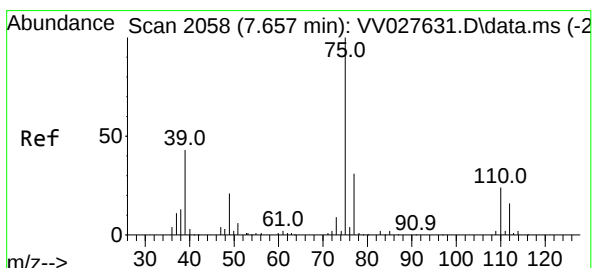
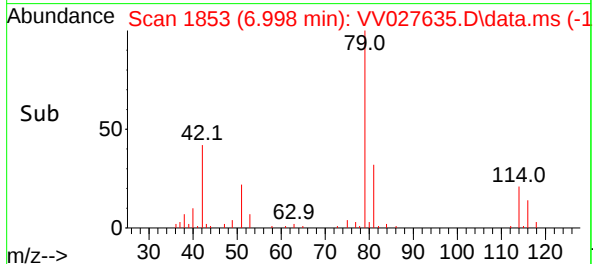
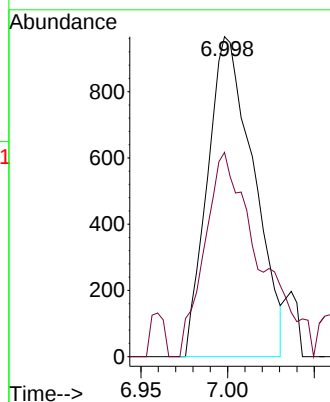
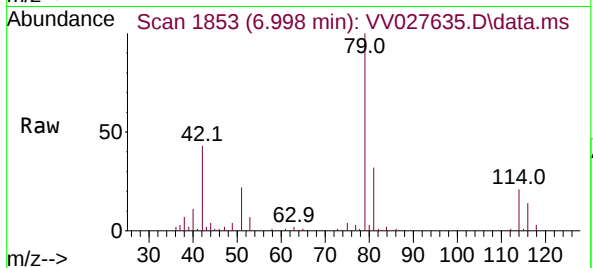
ClientSampleId :

Tgt Ion: 75 Resp: 1780

Ion Ratio Lower Upper

75 100

77 63.9 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.029 min

Lab File: VV027635.D

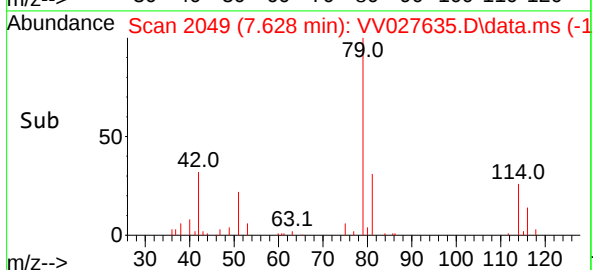
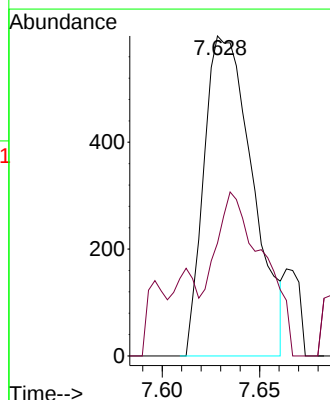
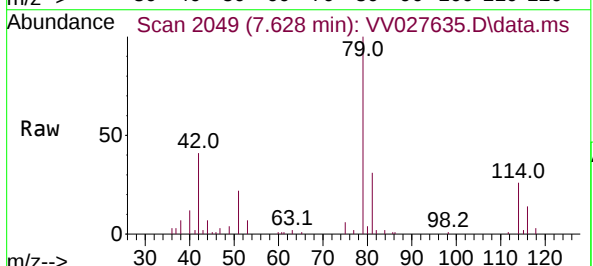
Acq: 31 Aug 2022 23:29

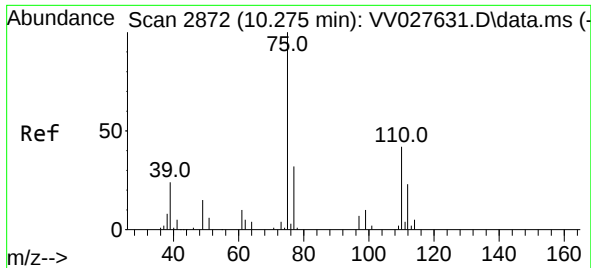
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

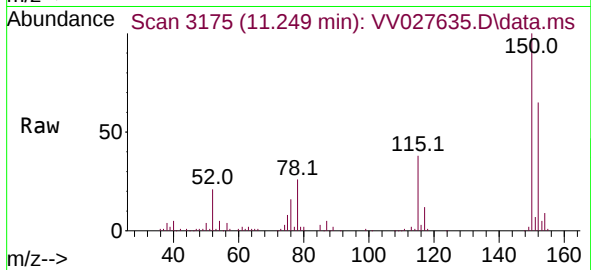
77 35.2 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 1.270 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027635.D
 Acq: 31 Aug 2022 23:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6293
Ion	Ratio	Lower Upper
75	100	
77	28.2	25.8 38.6
110	3.3	29.8 44.8#

