

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027235.D
 Acq On : 05 Aug 2022 19:27
 Operator : SY/MD
 Sample : N4021-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

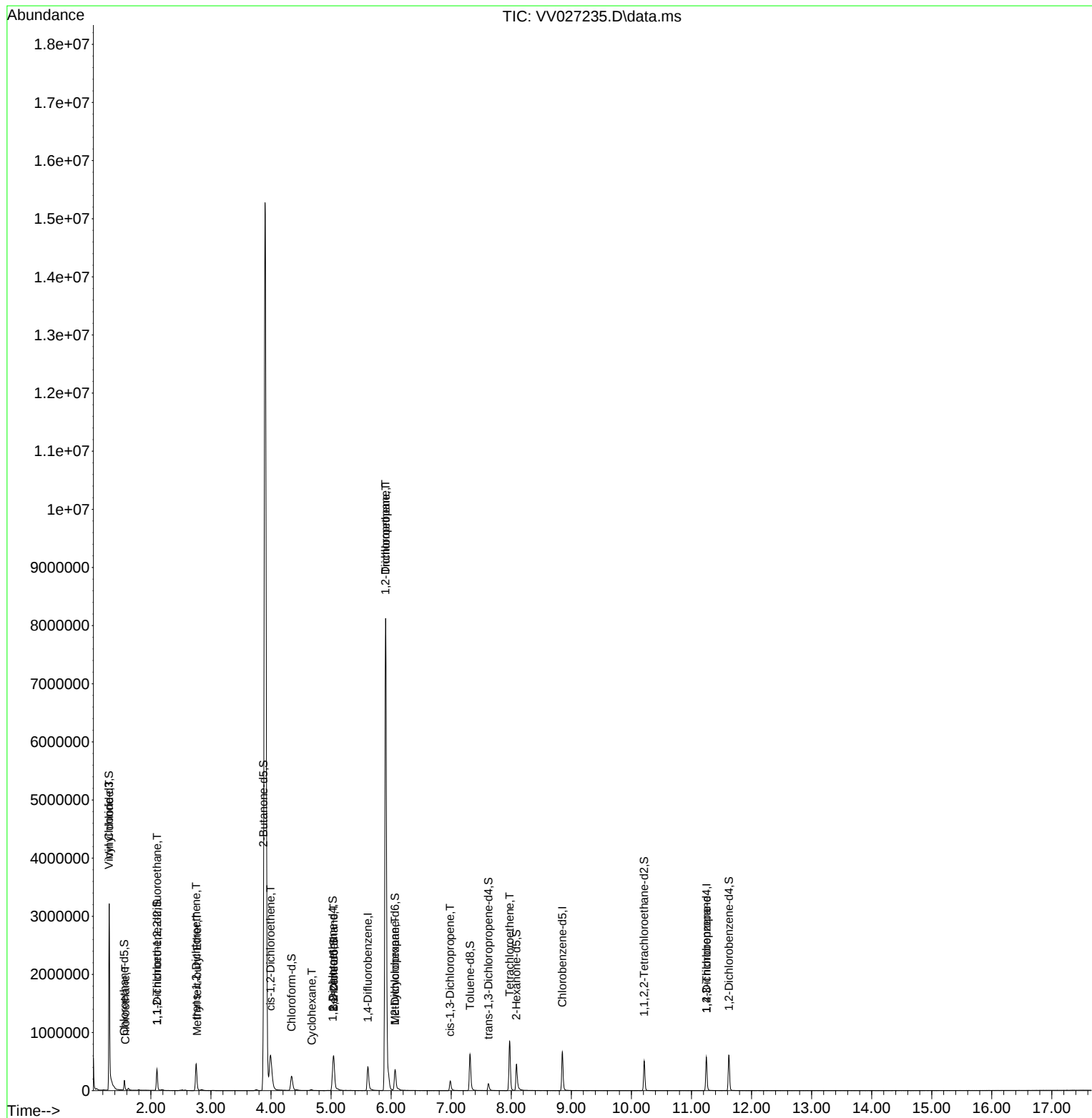
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	348264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	355853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	164718	69.373	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 138.740%#		
7) Chloroethane-d5	1.558	69	112749	64.955	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 129.900%		
11) 1,1-Dichloroethene-d2	2.102	63	192248	44.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.540%		
21) 2-Butanone-d5	3.876	46	235239	111.303	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 111.300%		
24) Chloroform-d	4.343	84	250045	51.411	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.820%		
26) 1,2-Dichloroethane-d4	5.027	65	172928	57.266	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 114.540%		
32) Benzene-d6	5.044	84	498261	58.388	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 116.780%		
36) 1,2-Dichloropropane-d6	6.066	67	180775	59.553	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 119.100%		
41) Toluene-d8	7.314	98	420214	57.771	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 115.540%		
43) trans-1,3-Dichloroprop...	7.619	79	70204	53.059	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.120%		
47) 2-Hexanone-d5	8.085	63	144171	98.610	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 98.610%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	242780	49.078	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 98.160%		
66) 1,2-Dichlorobenzene-d4	11.625	152	150109	61.254	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 122.500%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	2134007	605.250	ug/L	98
8) Chloroethane	1.577	64	2655	1.352	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	1773	0.707	ug/L #	22
17) trans-1,2-Dichloroethene	2.754	96	160996	60.289	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	6870	0.865	ug/L #	1
20) cis-1,2-Dichloroethene	3.992	96	420708	151.658	ug/L	88
27) 1,2-Dichloroethane	5.044	62	3179	0.753	ug/L	99
29) Cyclohexane	4.677	56	6930	1.691	ug/L #	52
34) Trichloroethene	5.908	95	2889045	986.678	ug/L	95
35) Methylcyclohexane	6.066	83	40242	9.347	ug/L #	22
37) 1,2-Dichloropropane	5.905	63	9670	3.018	ug/L	97
39) cis-1,3-Dichloropropene	6.982	75	4567	1.076	ug/L #	76
46) Tetrachloroethene	7.973	164	185098	86.370	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	18580	5.703	ug/L #	66

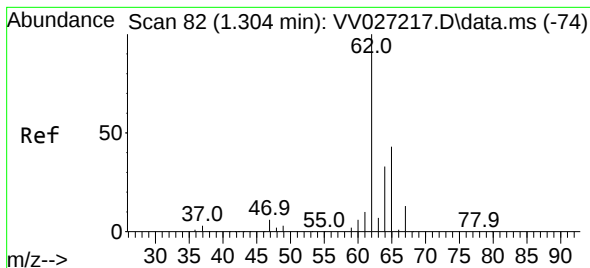
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027235.D
Acq On : 05 Aug 2022 19:27
Operator : SY/MD
Sample : N4021-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 06 04:02:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 605.250 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

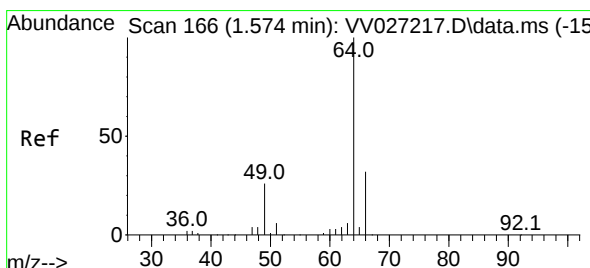
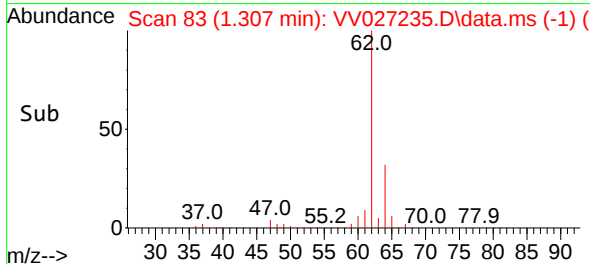
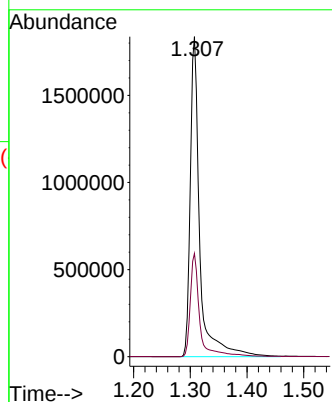
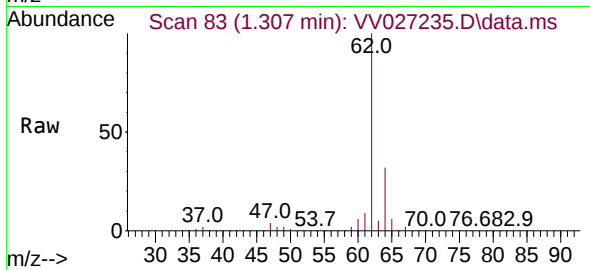
ClientSampleId :

Tgt Ion: 62 Resp: 2134007

Ion Ratio Lower Upper

62 100

64 32.3 23.2 43.2



#8

Chloroethane

Concen: 1.352 ug/L

RT: 1.577 min Scan# 167

Delta R.T. 0.003 min

Lab File: VV027235.D

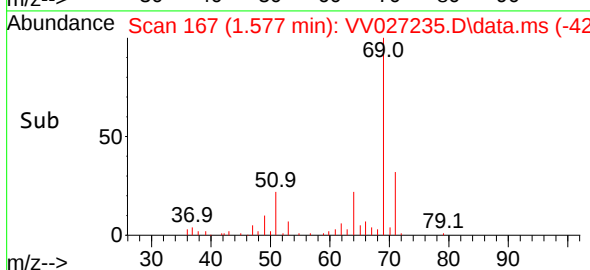
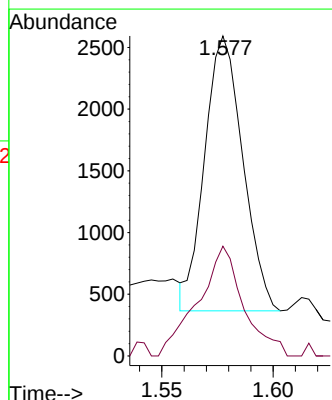
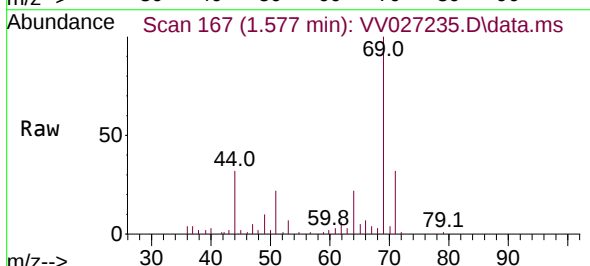
Acq: 05 Aug 2022 19:27

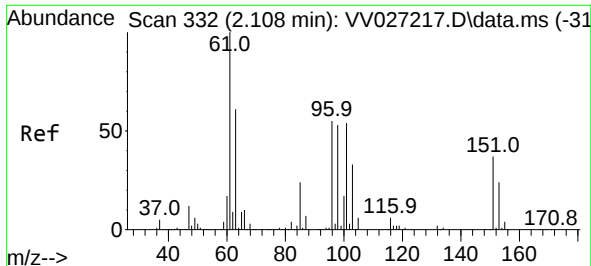
Tgt Ion: 64 Resp: 2655

Ion Ratio Lower Upper

64 100

66 34.3 22.4 41.6

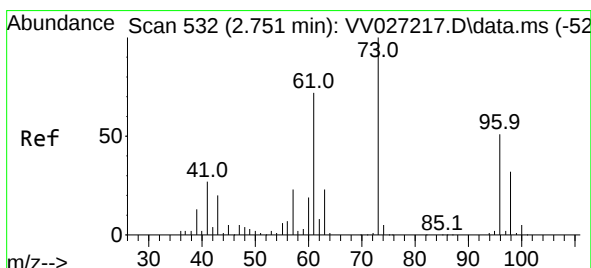
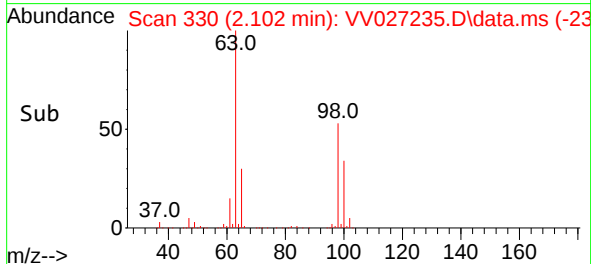
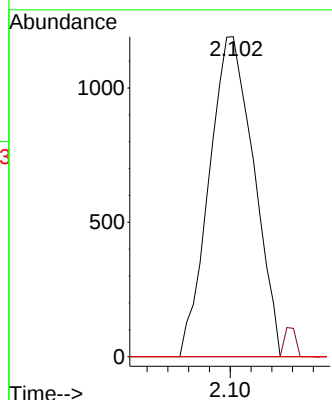
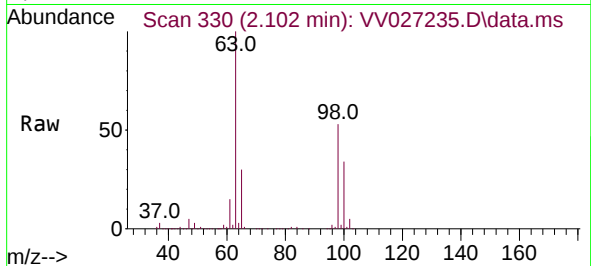




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.707 ug/L
RT: 2.102 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

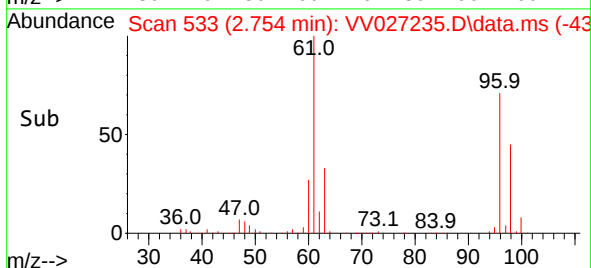
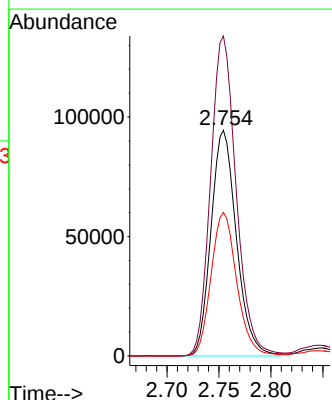
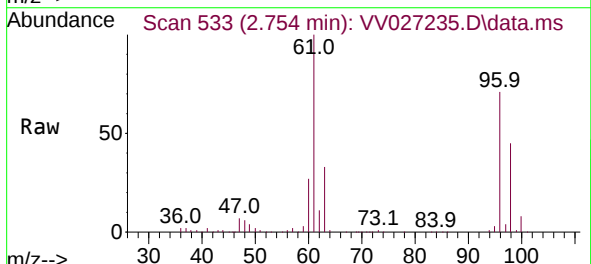
Instrument :
MSVOA_V
ClientSampleId :

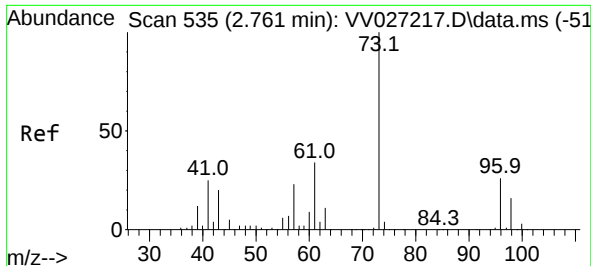
Tgt Ion:101 Resp: 1773
Ion Ratio Lower Upper
101 100
85 2.3 34.1 51.1#
151 0.0 57.8 86.8#



#17
trans-1,2-Dichloroethene
Concen: 60.289 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

Tgt Ion: 96 Resp: 160996
Ion Ratio Lower Upper
96 100
61 141.8 89.2 165.6
98 63.6 44.6 82.8

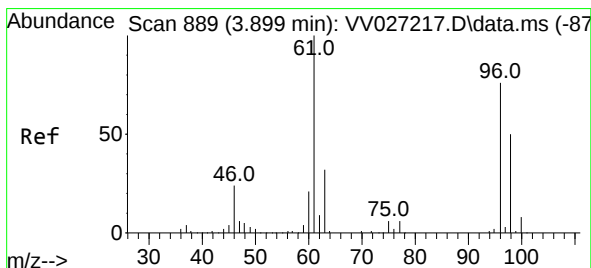
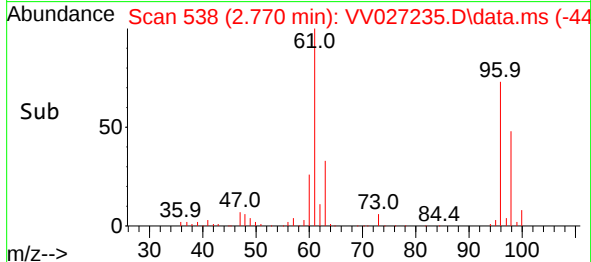
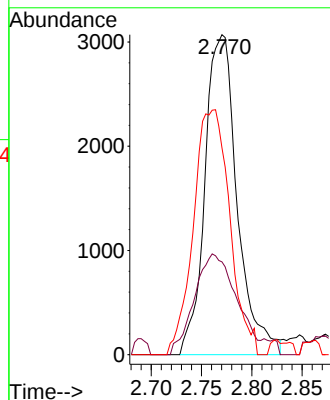
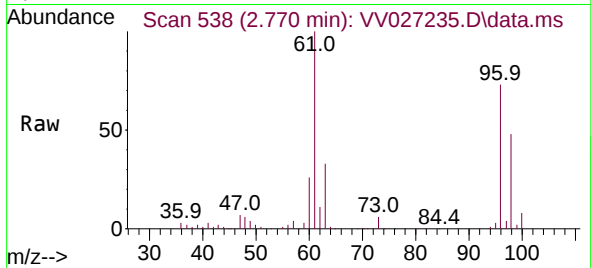




#18
Methyl tert-butyl Ether
Concen: 0.865 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

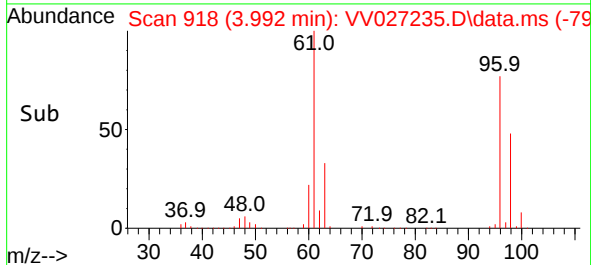
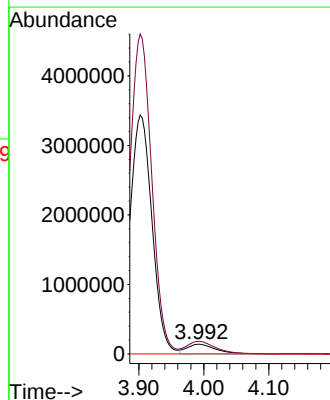
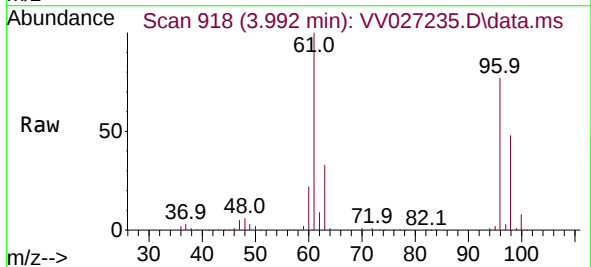
Instrument :
MSVOA_V
ClientSampleId :

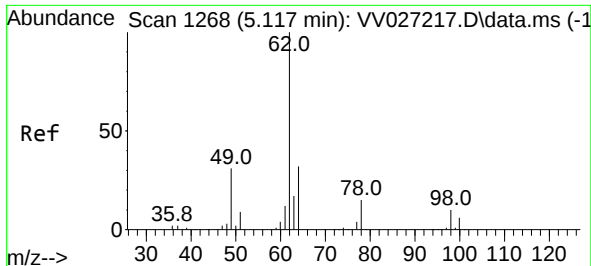
Tgt Ion: 73 Resp: 6870
Ion Ratio Lower Upper
73 100
43 41.1 12.6 18.8#
57 85.0 17.3 25.9#



#20
cis-1,2-Dichloroethene
Concen: 151.658 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.093 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

Tgt Ion: 96 Resp: 420708
Ion Ratio Lower Upper
96 100
61 130.1 81.8 151.8
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.753 ug/L

RT: 5.044 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

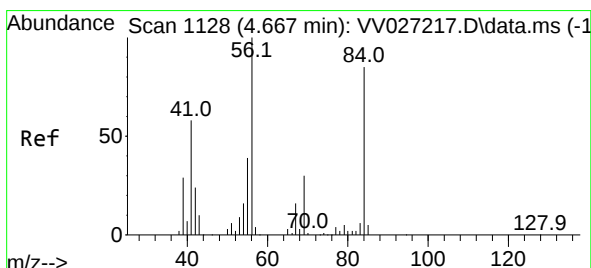
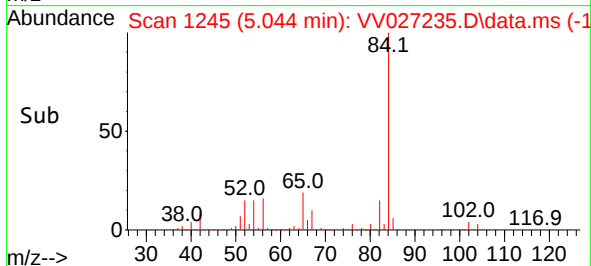
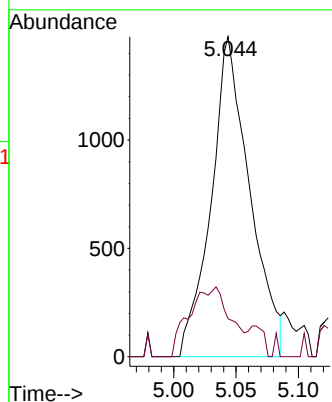
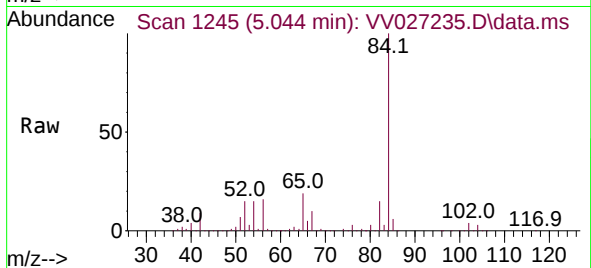
ClientSampleId :

Tgt Ion: 62 Resp: 3179

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.6



#29

Cyclohexane

Concen: 1.691 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.010 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

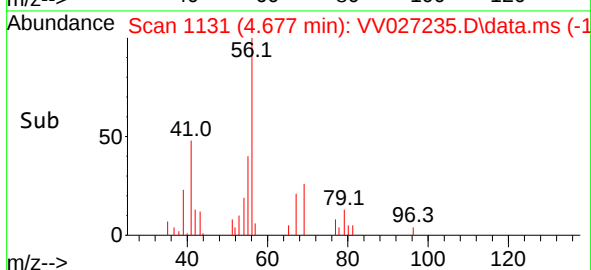
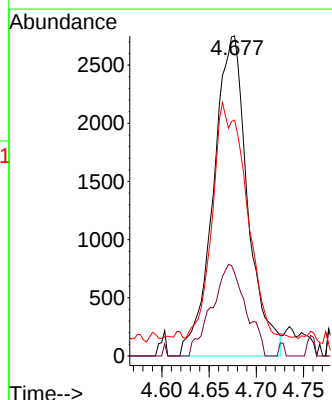
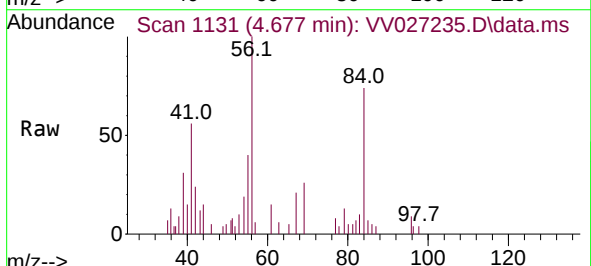
Tgt Ion: 56 Resp: 6930

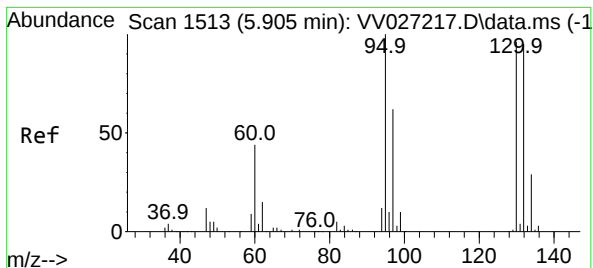
Ion Ratio Lower Upper

56 100

69 25.5 25.9 38.9#

84 35.8 75.3 112.9#





#34

Trichloroethene

Concen: 986.678 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2889045

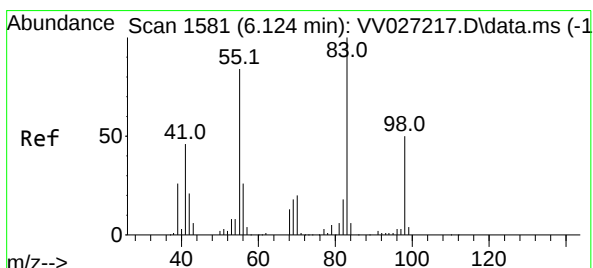
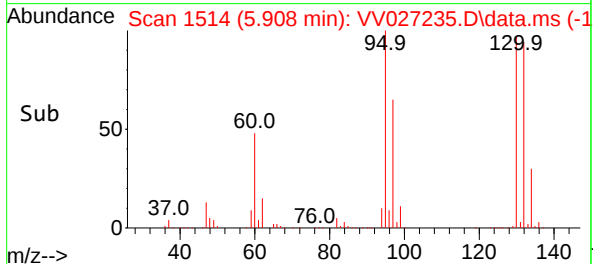
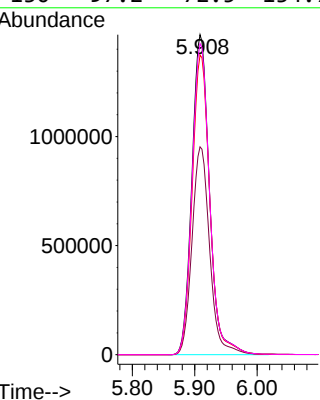
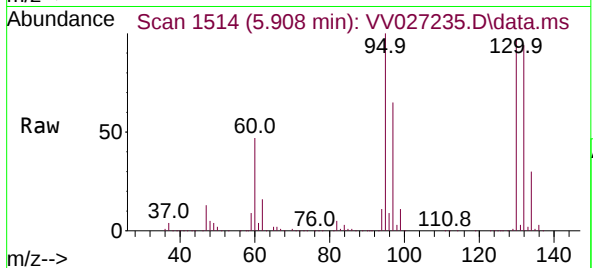
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 93.6 69.8 129.6

130 97.2 72.5 134.7



#35

Methylcyclohexane

Concen: 9.347 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

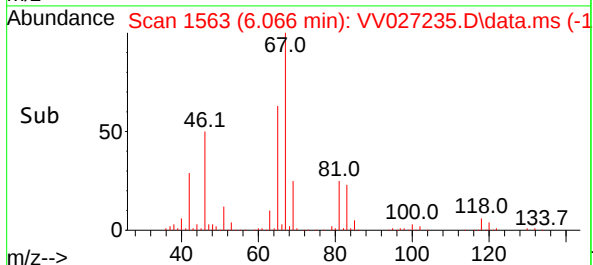
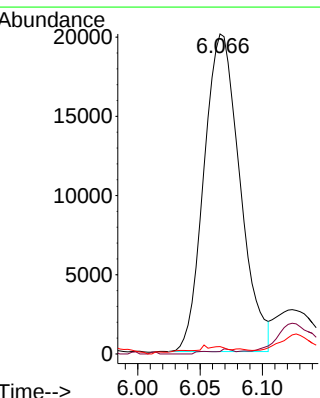
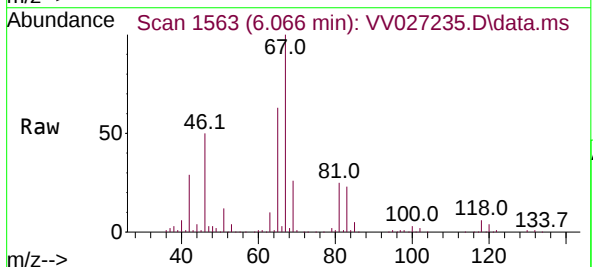
Tgt Ion: 83 Resp: 40242

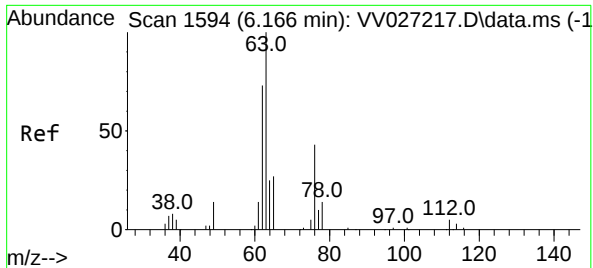
Ion Ratio Lower Upper

83 100

55 0.5 55.5 83.3#

98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 3.018 ug/L

RT: 5.905 min Scan# 11

Delta R.T. -0.260 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

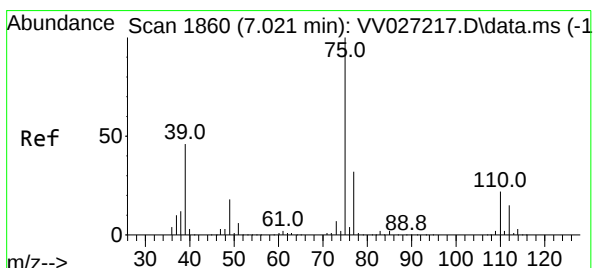
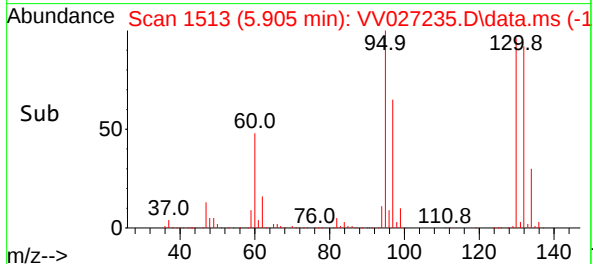
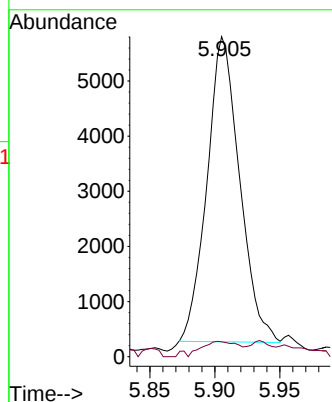
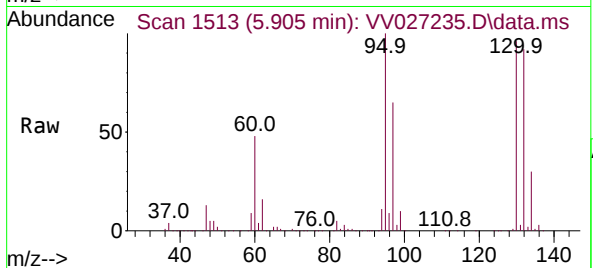
ClientSampleId :

Tgt Ion: 63 Resp: 9670

Ion Ratio Lower Upper

63 100

112 5.5 3.7 5.5



#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.038 min

Lab File: VV027235.D

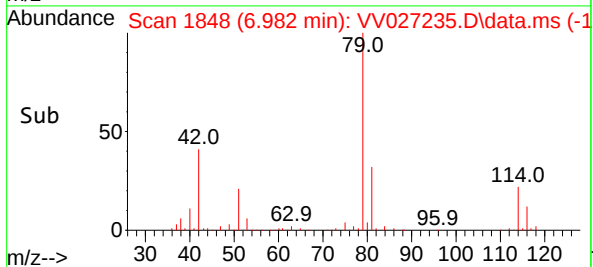
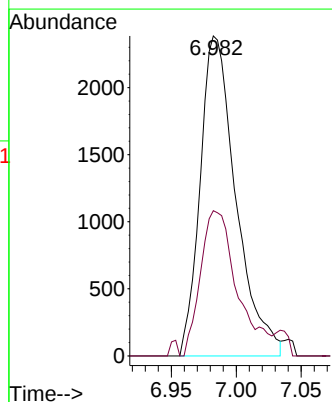
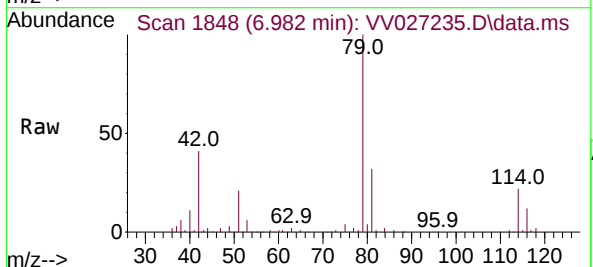
Acq: 05 Aug 2022 19:27

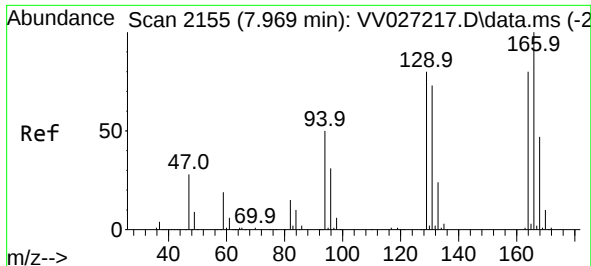
Tgt Ion: 75 Resp: 4567

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.7#

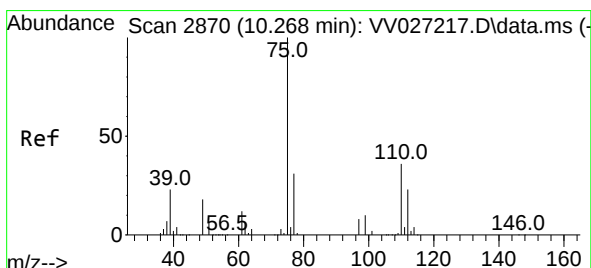
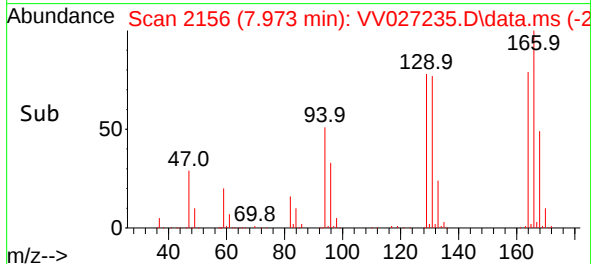
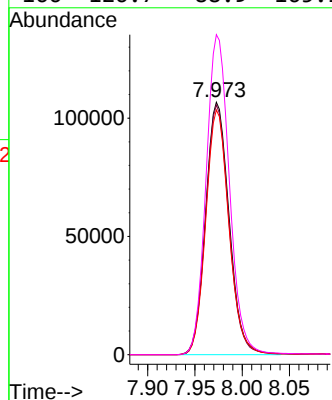
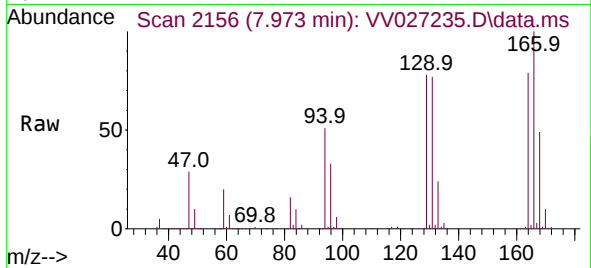




#46
Tetrachloroethene
Concen: 86.370 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 185098
Ion Ratio Lower Upper
164 100
129 98.9 67.5 125.4
131 97.0 64.3 119.3
166 126.7 88.9 165.1



#61
1,2,3-Trichloropropane
Concen: 5.703 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.981 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

Tgt Ion: 75 Resp: 18580
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 3.4 32.7 49.1#

