

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027226.D
 Acq On : 05 Aug 2022 15:42
 Operator : SY/MD
 Sample : N4021-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:00:18 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)

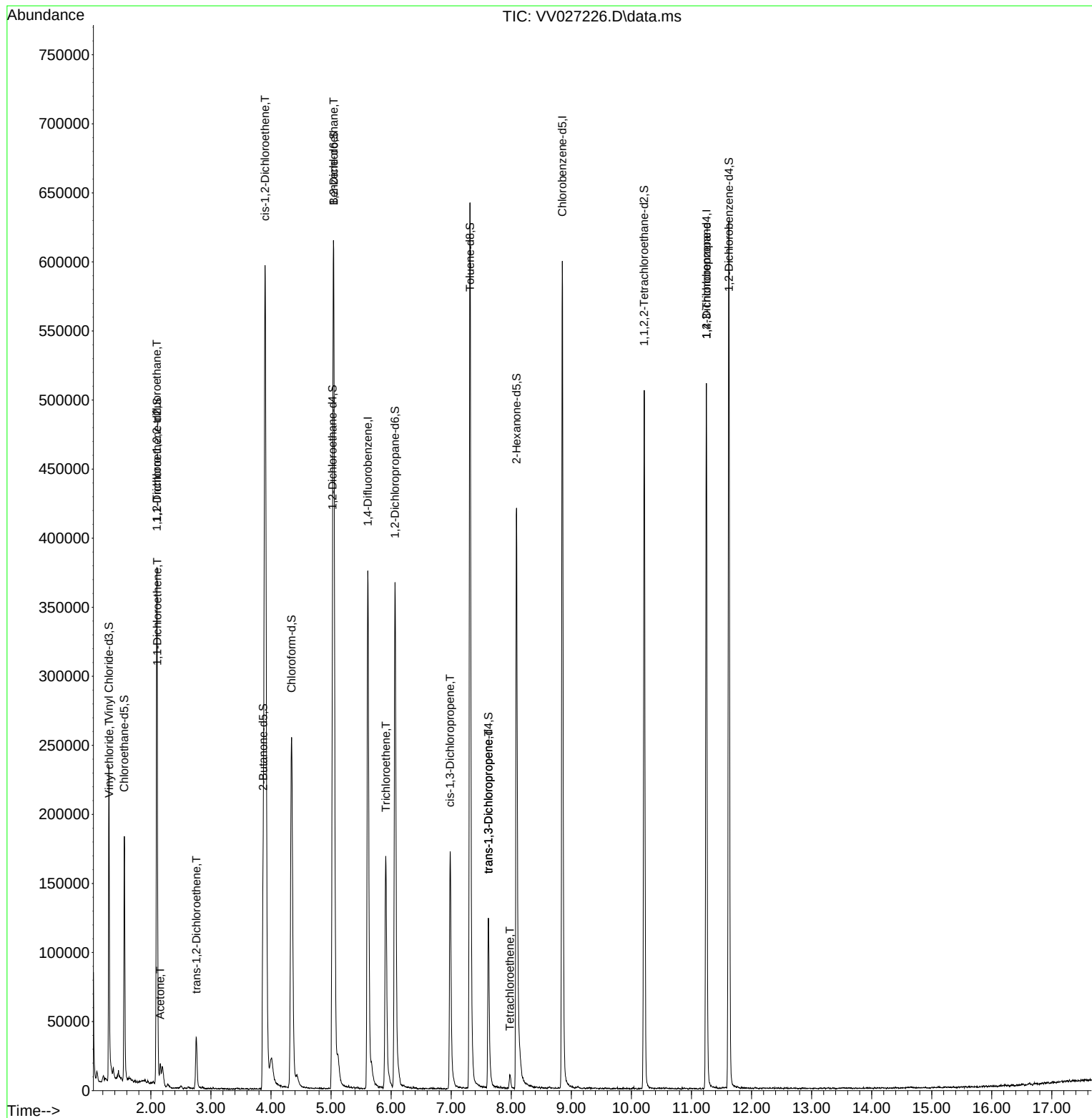
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	320244	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	323096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125607	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	151967	69.602	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	139.200%#	
7) Chloroethane-d5	1.558	69	114315	71.619	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	143.240%#	
11) 1,1-Dichloroethene-d2	2.101	63	198303	49.654	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.300%	
21) 2-Butanone-d5	3.870	46	225876	116.224	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	116.220%	
24) Chloroform-d	4.342	84	262341	58.658	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	117.320%	
26) 1,2-Dichloroethane-d4	5.024	65	174758	62.936	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	125.880%#	
32) Benzene-d6	5.043	84	523652	67.585	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	135.160%#	
36) 1,2-Dichloropropane-d6	6.066	67	183297	66.505	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	133.020%#	
41) Toluene-d8	7.313	98	432771	65.529	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	131.060%#	
43) trans-1,3-Dichloroprop...	7.619	79	72728	60.540	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	121.080%	
47) 2-Hexanone-d5	8.088	63	133053	100.232	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.230%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	240517	53.550	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.100%	
66) 1,2-Dichlorobenzene-d4	11.622	152	150027	69.165	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	138.340%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	7846	2.420	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1924	0.834	ug/L #	23
12) 1,1-Dichloroethene	2.108	96	3839	1.730	ug/L #	1
13) Acetone	2.156	43	13890	9.269	ug/L	85
17) trans-1,2-Dichloroethene	2.757	96	13427	5.468	ug/L	83
20) cis-1,2-Dichloroethene	3.902	96	307109	120.394	ug/L	87
27) 1,2-Dichloroethane	5.043	62	3124	0.805	ug/L	98
34) Trichloroethene	5.911	95	59942	22.547	ug/L	95
39) cis-1,3-Dichloropropene	6.982	75	4693	1.218	ug/L	85
44) trans-1,3-Dichloropropene	7.619	75	3609	0.953	ug/L	85
46) Tetrachloroethene	7.979	164	2305	1.185	ug/L	81
61) 1,2,3-Trichloropropane	11.249	75	15880	5.507	ug/L #	65

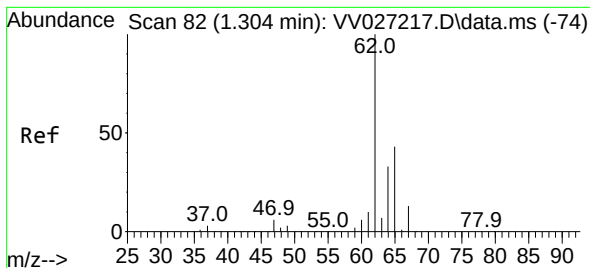
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.420 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027226.D

Acq: 05 Aug 2022 15:42

Instrument :

MSVOA_V

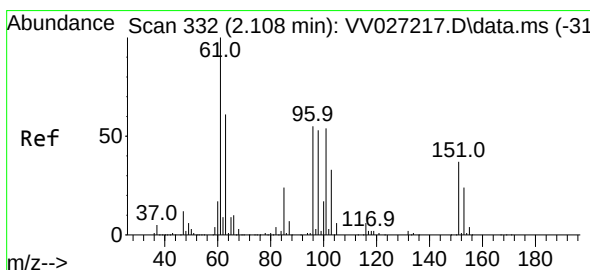
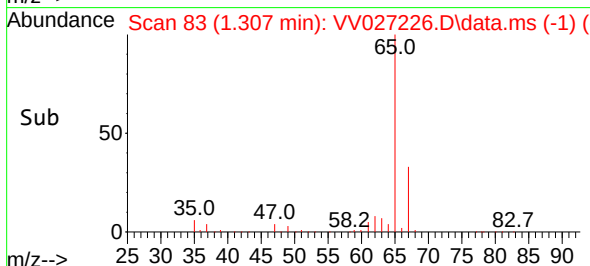
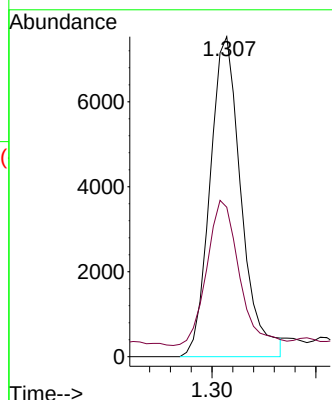
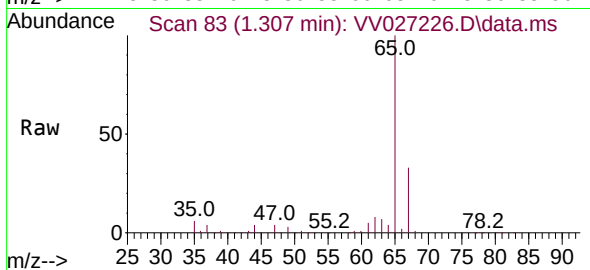
ClientSampleId :

Tgt Ion: 62 Resp: 7846

Ion Ratio Lower Upper

62 100

64 46.7 23.2 43.2#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.834 ug/L

RT: 2.098 min Scan# 329

Delta R.T. -0.010 min

Lab File: VV027226.D

Acq: 05 Aug 2022 15:42

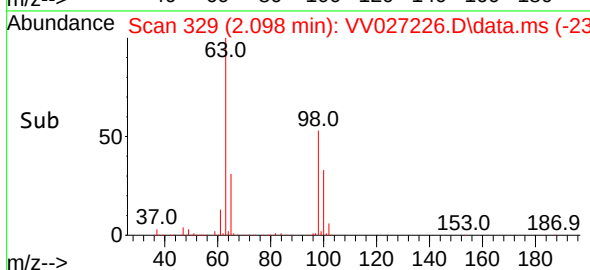
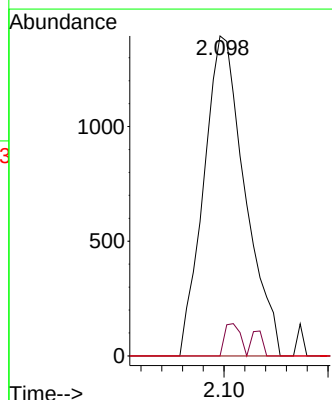
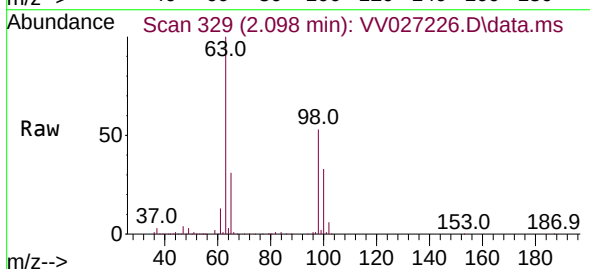
Tgt Ion: 101 Resp: 1924

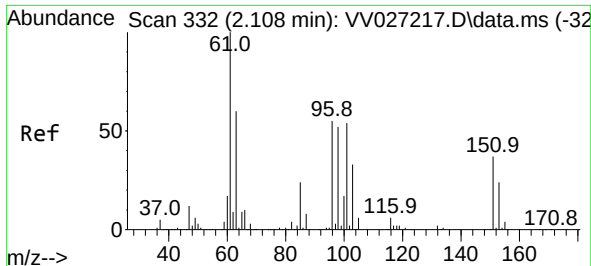
Ion Ratio Lower Upper

101 100

85 3.8 34.1 51.1#

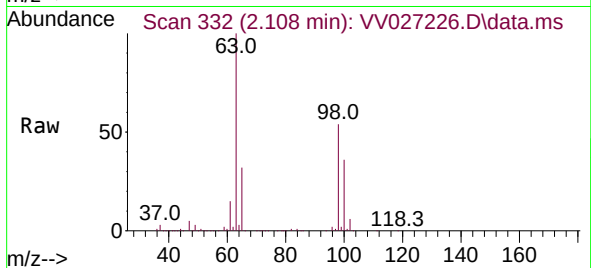
151 0.0 57.8 86.8#



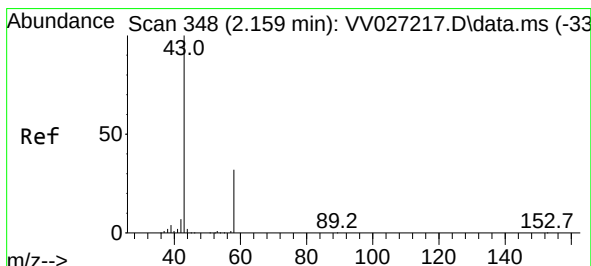
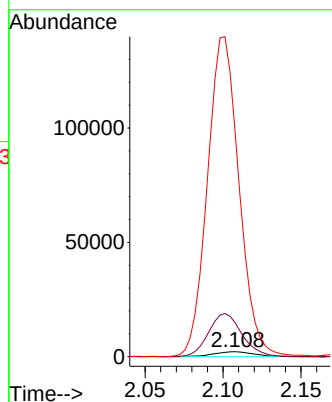
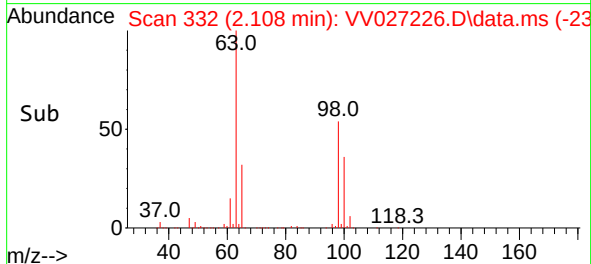


#12
 1,1-Dichloroethene
 Concen: 1.730 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV027226.D
 Acq: 05 Aug 2022 15:42

Instrument :
 MSVOA_V
 ClientSampleId :

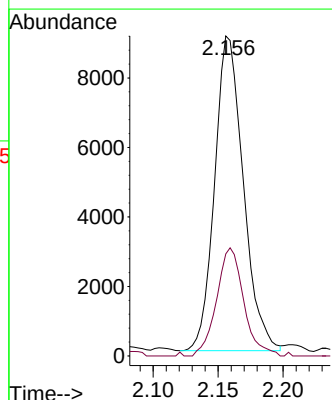
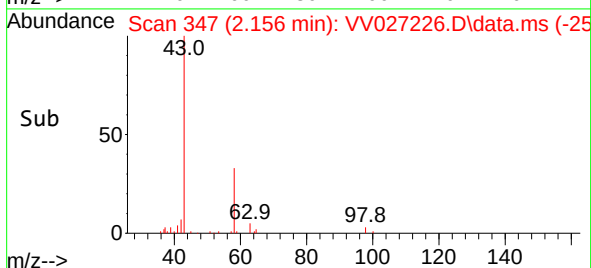
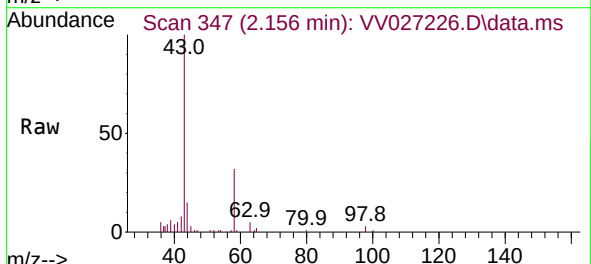


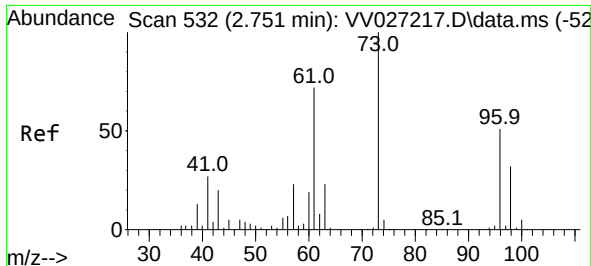
Tgt Ion: 96 Resp: 3839
 Ion Ratio Lower Upper
 96 100
 61 690.2 114.3 212.3#
 63 4560.9 93.4 173.4#



#13
 Acetone
 Concen: 9.269 ug/L
 RT: 2.156 min Scan# 347
 Delta R.T. -0.003 min
 Lab File: VV027226.D
 Acq: 05 Aug 2022 15:42

Tgt Ion: 43 Resp: 13890
 Ion Ratio Lower Upper
 43 100
 58 32.4 0.0 49.6

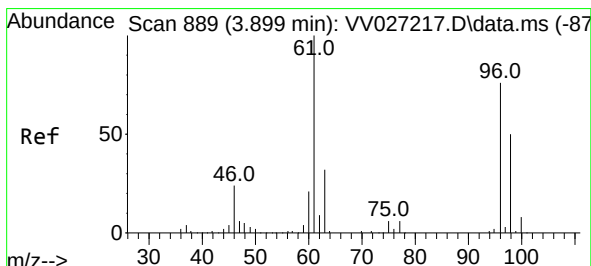
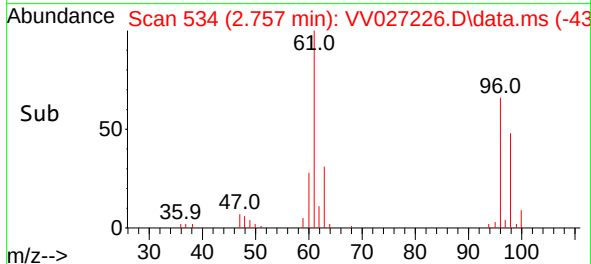
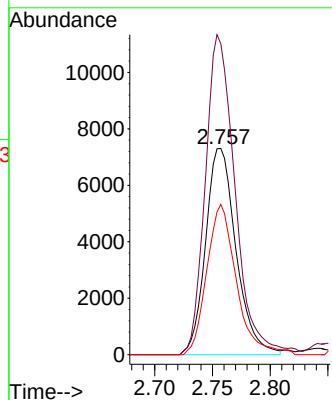
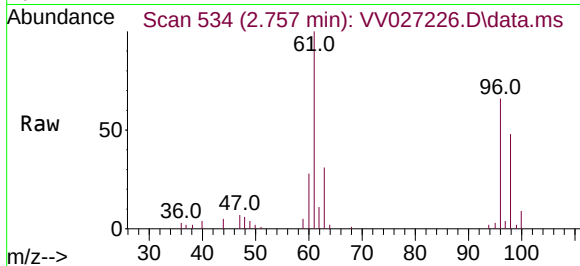




#17
trans-1,2-Dichloroethene
Concen: 5.468 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027226.D
Acq: 05 Aug 2022 15:42

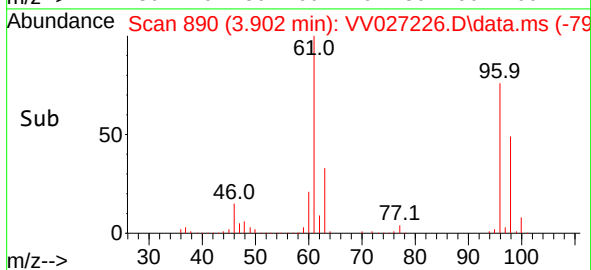
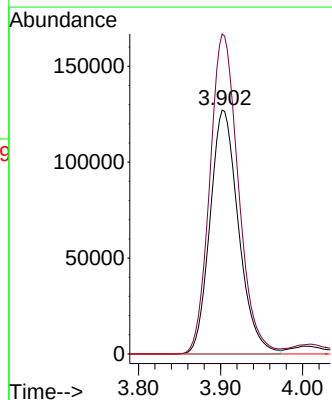
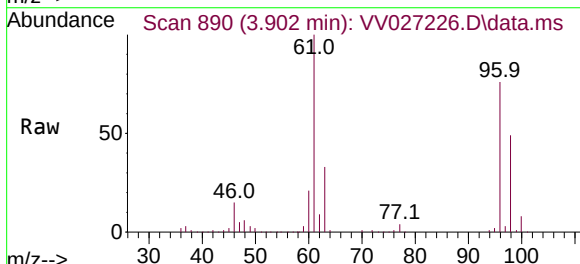
Instrument :
MSVOA_V
ClientSampleId :

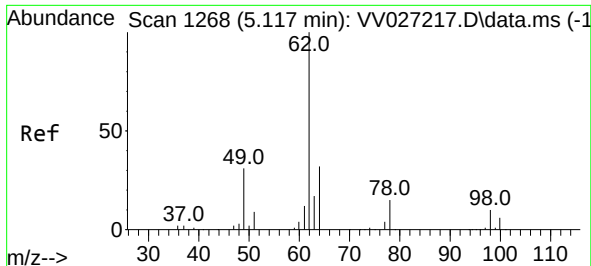
Tgt Ion: 96 Resp: 13427
Ion Ratio Lower Upper
96 100
61 150.7 89.2 165.6
98 72.8 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 120.394 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027226.D
Acq: 05 Aug 2022 15:42

Tgt Ion: 96 Resp: 307109
Ion Ratio Lower Upper
96 100
61 131.2 81.8 151.8
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.805 ug/L

RT: 5.043 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV027226.D

Acq: 05 Aug 2022 15:42

Instrument :

MSVOA_V

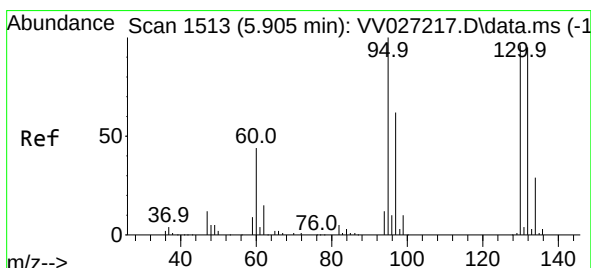
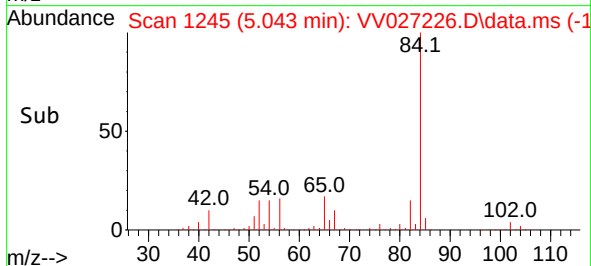
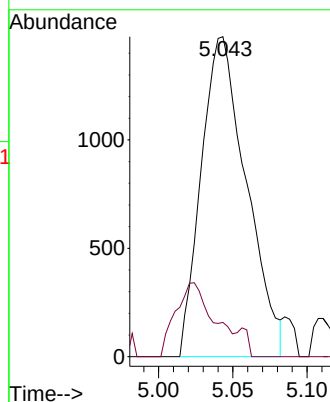
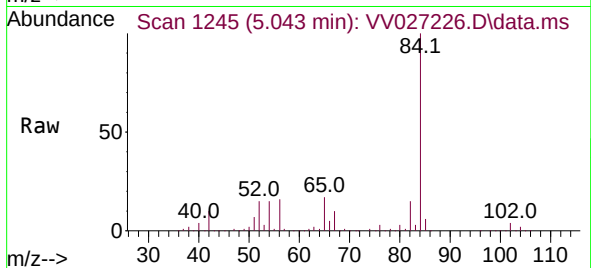
ClientSampleId :

Tgt Ion: 62 Resp: 3124

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.6



#34

Trichloroethene

Concen: 22.547 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV027226.D

Acq: 05 Aug 2022 15:42

Tgt Ion: 95 Resp: 59942

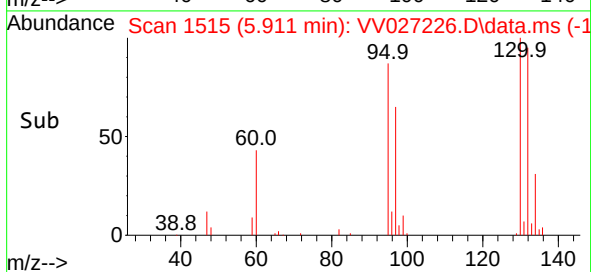
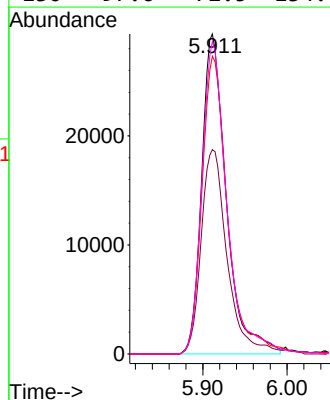
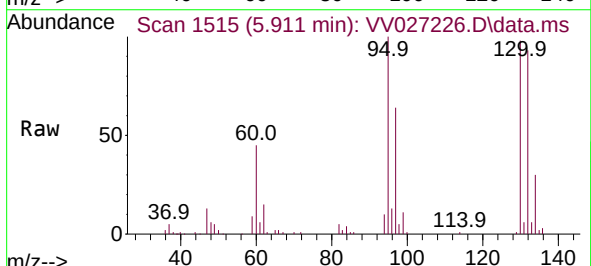
Ion Ratio Lower Upper

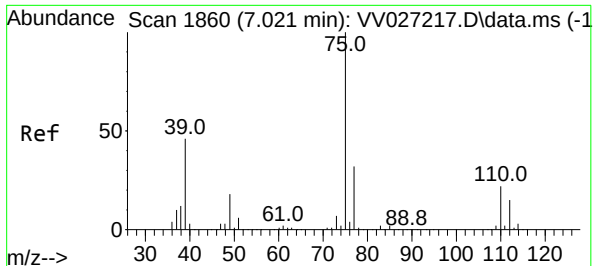
95 100

97 63.9 45.9 85.3

132 93.0 69.8 129.6

130 97.6 72.5 134.7





#39

cis-1,3-Dichloropropene

Concen: 1.218 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027226.D

Acq: 05 Aug 2022 15:42

Instrument :

MSVOA_V

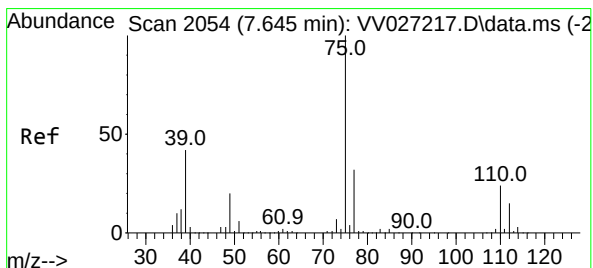
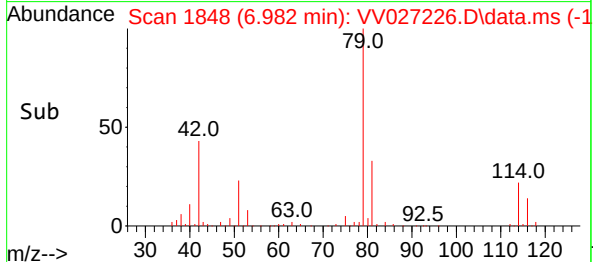
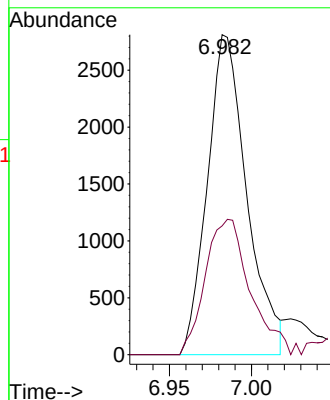
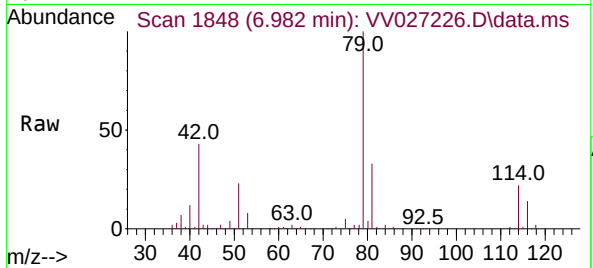
ClientSampleId :

Tgt Ion: 75 Resp: 4693

Ion Ratio Lower Upper

75 100

77 40.3 22.5 41.7



#44

trans-1,3-Dichloropropene

Concen: 0.953 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV027226.D

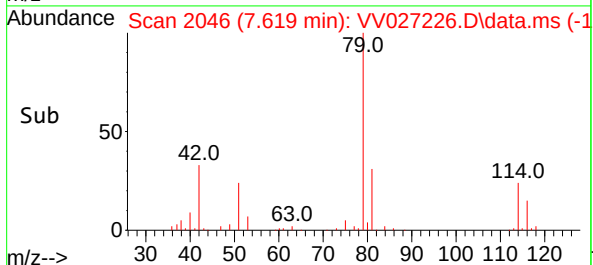
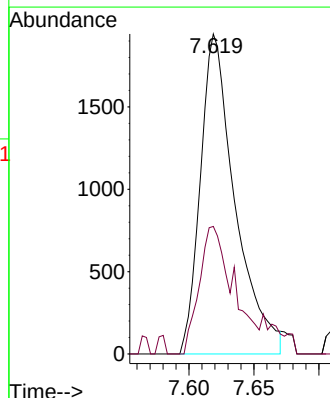
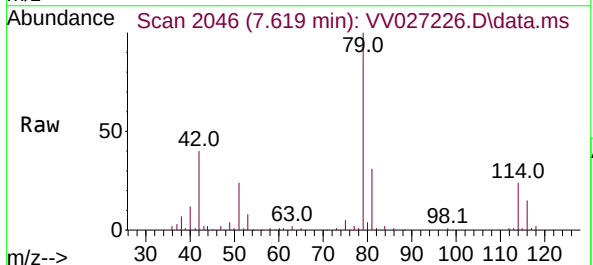
Acq: 05 Aug 2022 15:42

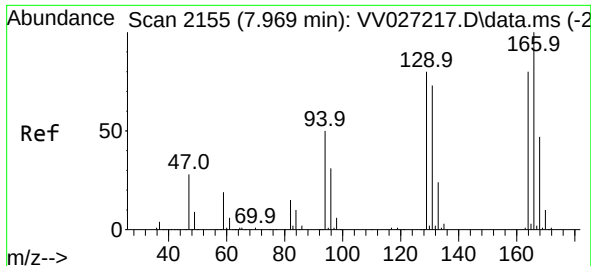
Tgt Ion: 75 Resp: 3609

Ion Ratio Lower Upper

75 100

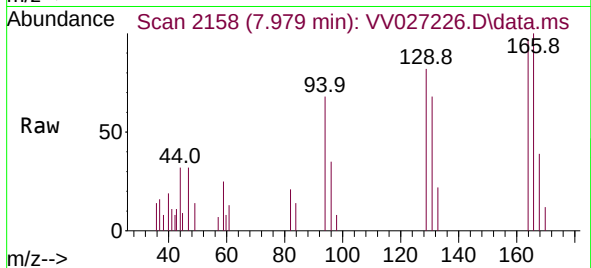
77 39.8 22.0 41.0





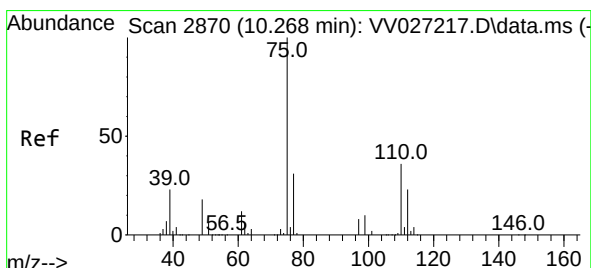
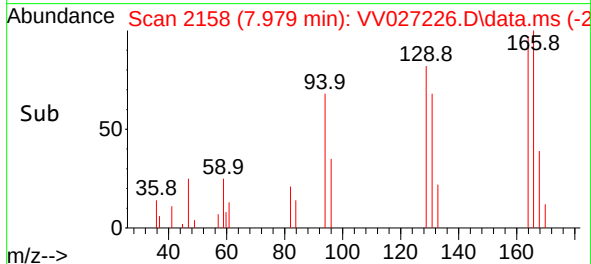
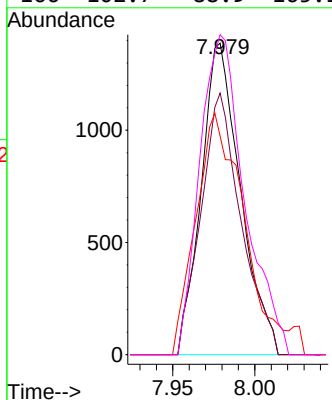
#46
Tetrachloroethene
Concen: 1.185 ug/L
RT: 7.979 min Scan# 2155
Delta R.T. 0.010 min
Lab File: VV027226.D
Acq: 05 Aug 2022 15:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 2305

Ion	Ratio	Lower	Upper
164	100		
129	84.0	67.5	125.4
131	70.2	64.3	119.3
166	102.7	88.9	165.1



#61
1,2,3-Trichloropropane
Concen: 5.507 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.981 min
Lab File: VV027226.D
Acq: 05 Aug 2022 15:42

Tgt Ion: 75 Resp: 15880

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.8
110	2.8	32.7	49.1

