

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027231.D
 Acq On : 05 Aug 2022 17:47
 Operator : SY/MD
 Sample : N4021-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:01:39 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

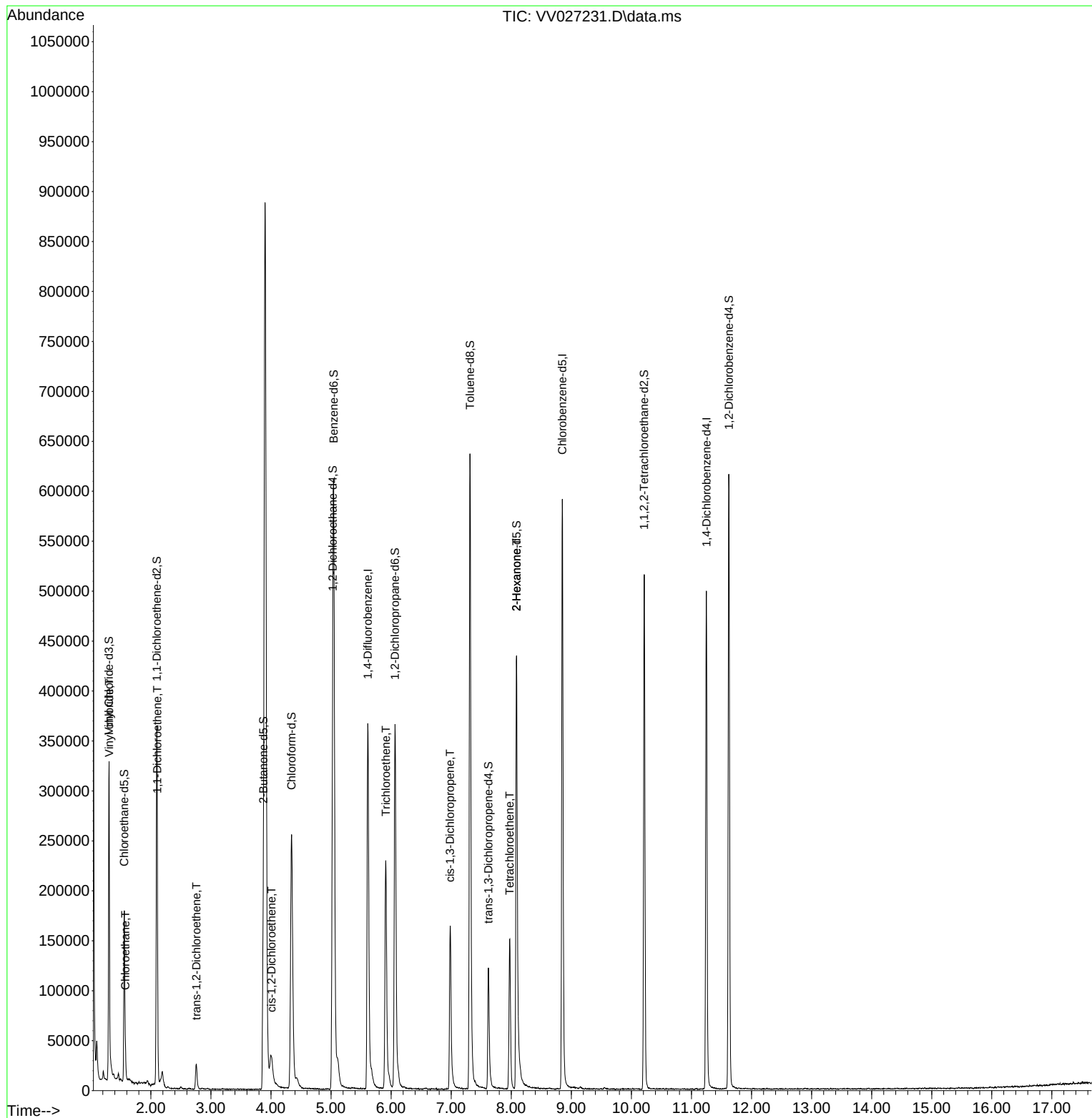
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	316433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	321057	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	147521	68.380	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 136.760%#		
7) Chloroethane-d5	1.558	69	114746	72.755	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 145.500%#		
11) 1,1-Dichloroethene-d2	2.098	63	191678	48.573	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 97.140%		
21) 2-Butanone-d5	3.873	46	205853	107.197	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 107.200%		
24) Chloroform-d	4.343	84	252055	57.037	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 114.080%		
26) 1,2-Dichloroethane-d4	5.027	65	179306	65.351	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 130.700%#		
32) Benzene-d6	5.043	84	517764	67.249	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 134.500%#		
36) 1,2-Dichloropropane-d6	6.066	67	183054	66.839	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 133.680%#		
41) Toluene-d8	7.313	98	429169	65.396	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 130.800%#		
43) trans-1,3-Dichloroprop...	7.619	79	69188	57.959	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 115.920%		
47) 2-Hexanone-d5	8.088	63	139960	106.105	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 106.100%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	246756	55.288	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 110.580%		
66) 1,2-Dichlorobenzene-d4	11.622	152	148972	69.804	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 139.600%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	79184	24.717	ug/L	98
8) Chloroethane	1.574	64	13577	7.607	ug/L	96
12) 1,1-Dichloroethene	2.108	96	3296	1.503	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	8400	3.462	ug/L	85
20) cis-1,2-Dichloroethene	4.008	96	20064	7.960	ug/L	85
34) Trichloroethene	5.912	95	82612	31.272	ug/L	95
39) cis-1,3-Dichloropropene	6.982	75	4615	1.205	ug/L #	67
46) Tetrachloroethene	7.973	164	33030	17.083	ug/L	99
48) 2-Hexanone	8.088	43	19990	6.087	ug/L #	70

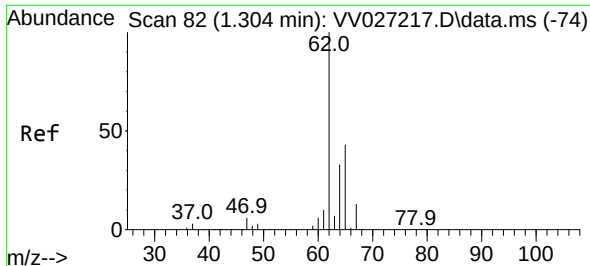
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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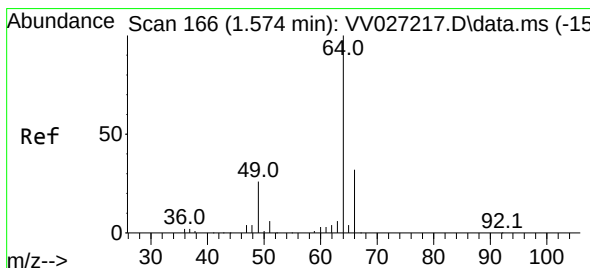
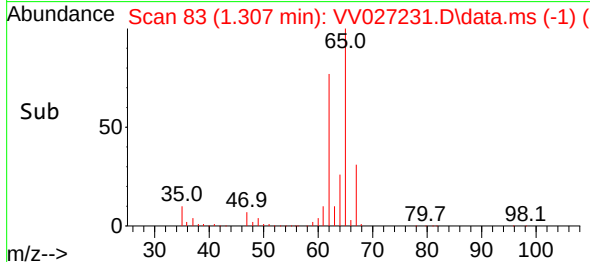
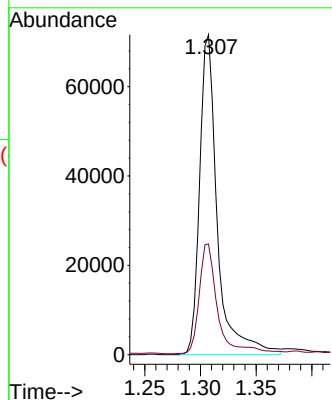
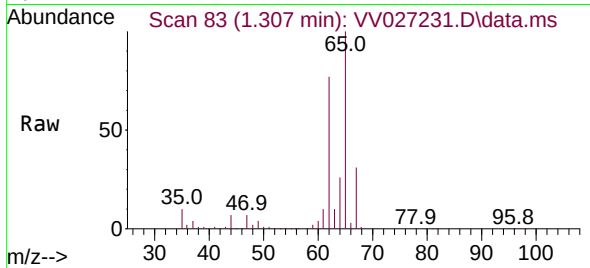




#5
 Vinyl chloride
 Concen: 24.717 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027231.D
 Acq: 05 Aug 2022 17:47

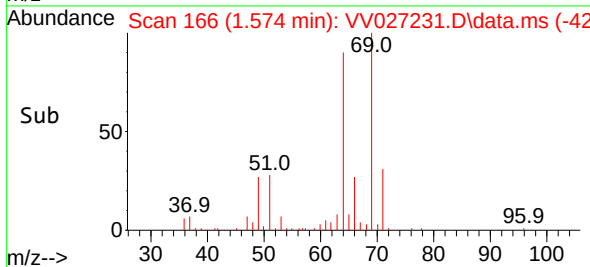
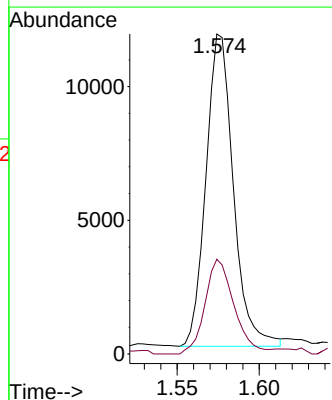
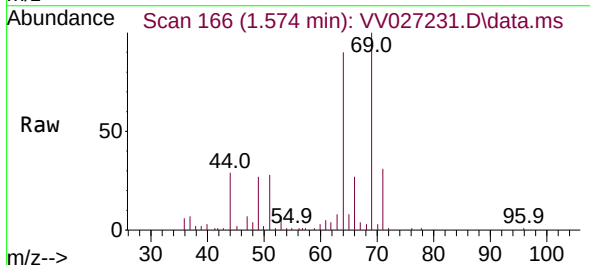
Instrument :
 MSVOA_V
 ClientSampleId :

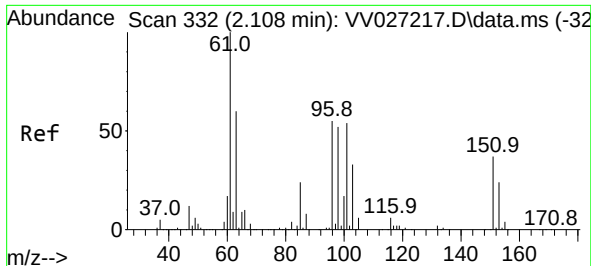
Tgt Ion: 62 Resp: 79184
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.2 43.2



#8
 Chloroethane
 Concen: 7.607 ug/L
 RT: 1.574 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VV027231.D
 Acq: 05 Aug 2022 17:47

Tgt Ion: 64 Resp: 13577
 Ion Ratio Lower Upper
 64 100
 66 29.6 22.4 41.6





#12

1,1-Dichloroethene

Concen: 1.503 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

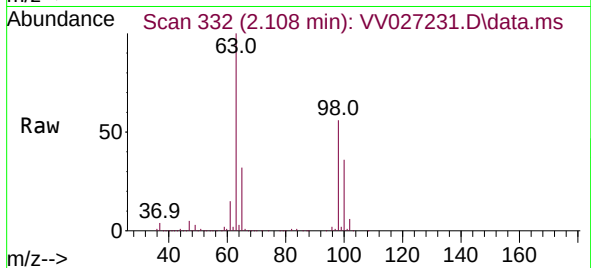
Lab File: VV027231.D

Acq: 05 Aug 2022 17:47

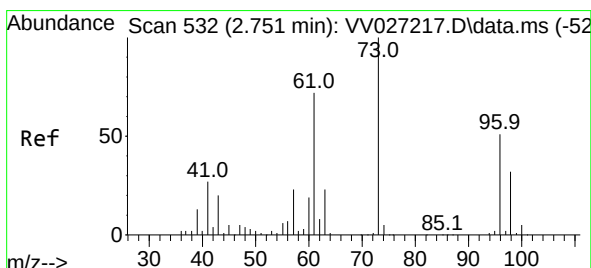
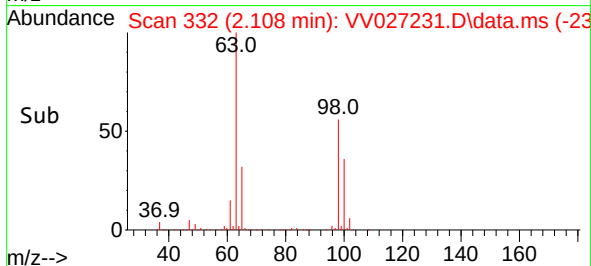
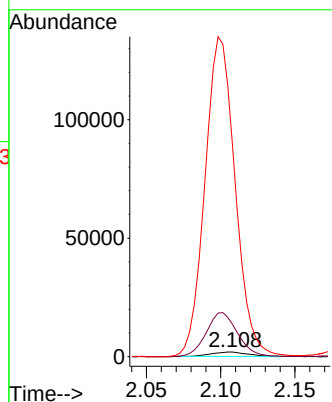
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	3296
Ion	Ratio	Lower	Upper
96	100		
61	694.7	114.3	212.3#
63	4529.4	93.4	173.4#



#17

trans-1,2-Dichloroethene

Concen: 3.462 ug/L

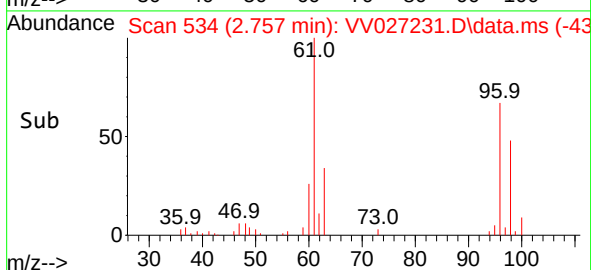
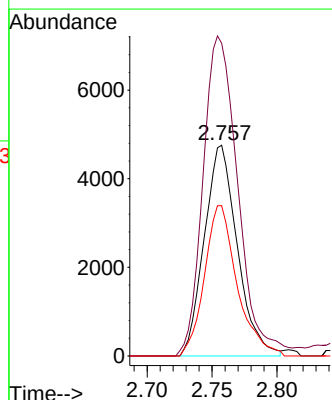
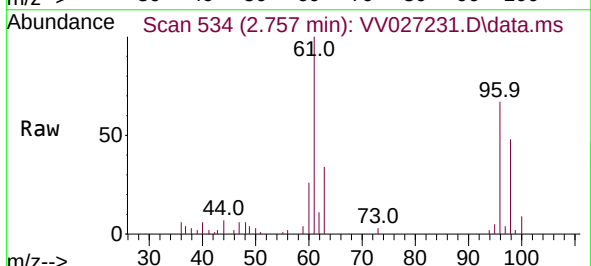
RT: 2.757 min Scan# 534

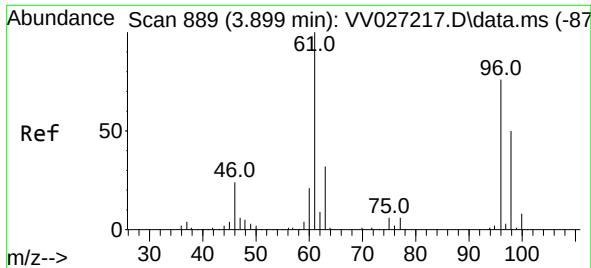
Delta R.T. 0.006 min

Lab File: VV027231.D

Acq: 05 Aug 2022 17:47

Tgt Ion:	96	Resp:	8400
Ion	Ratio	Lower	Upper
96	100		
61	148.5	89.2	165.6
98	71.3	44.6	82.8

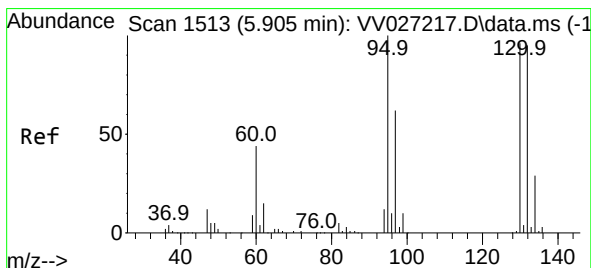
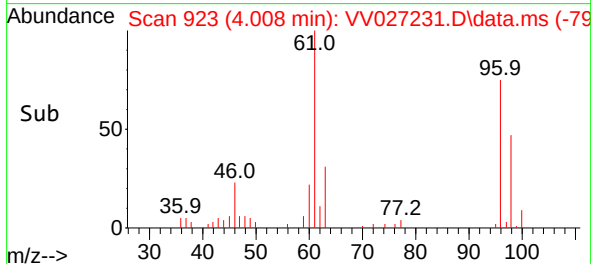
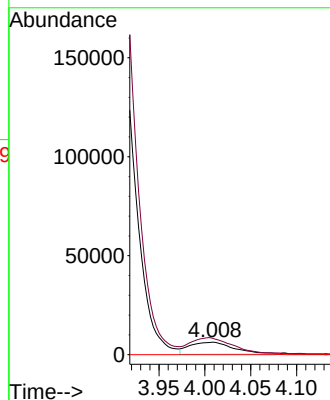
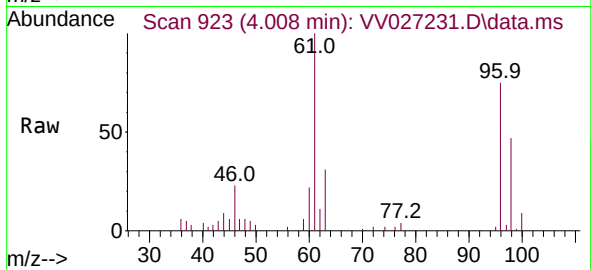




#20
 cis-1,2-Dichloroethene
 Concen: 7.960 ug/L
 RT: 4.008 min Scan# 91
 Delta R.T. 0.109 min
 Lab File: VV027231.D
 Acq: 05 Aug 2022 17:47

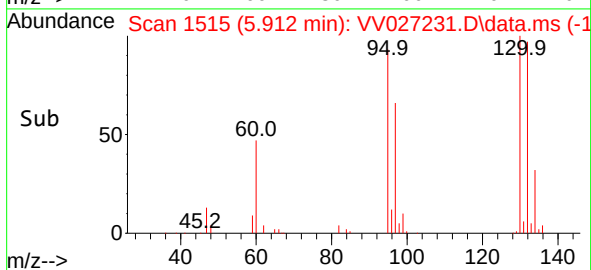
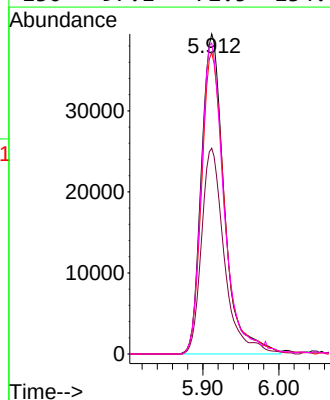
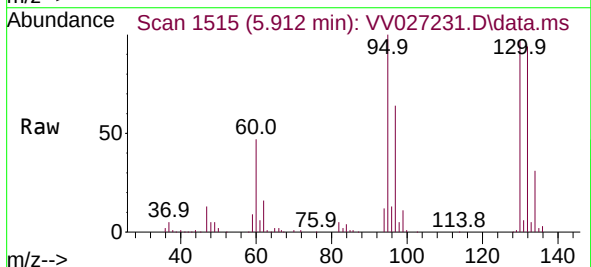
Instrument :
 MSVOA_V
 ClientSampleId :

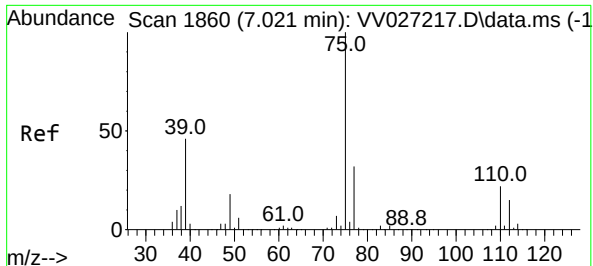
Tgt Ion: 96 Resp: 20064
 Ion Ratio Lower Upper
 96 100
 61 133.2 81.8 151.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 31.272 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VV027231.D
 Acq: 05 Aug 2022 17:47

Tgt Ion: 95 Resp: 82612
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.9 85.3
 132 94.2 69.8 129.6
 130 97.1 72.5 134.7





#39

cis-1,3-Dichloropropene

Concen: 1.205 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027231.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_V

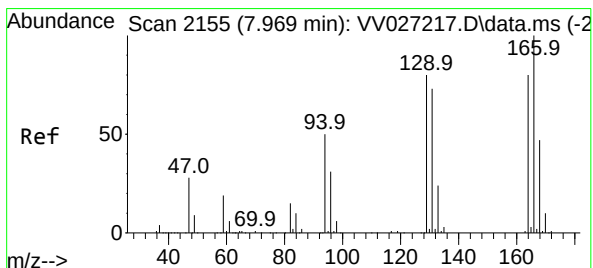
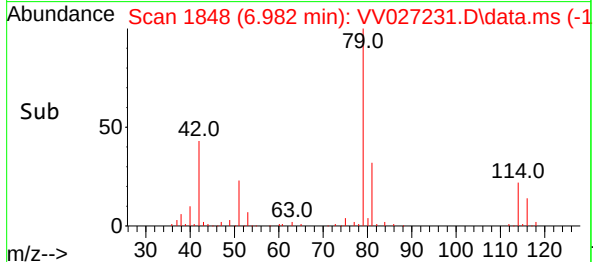
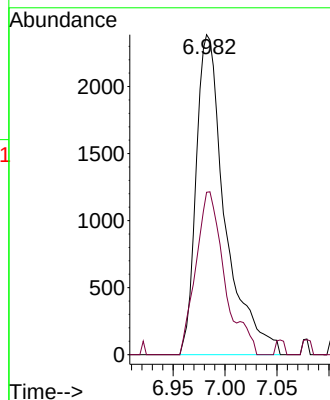
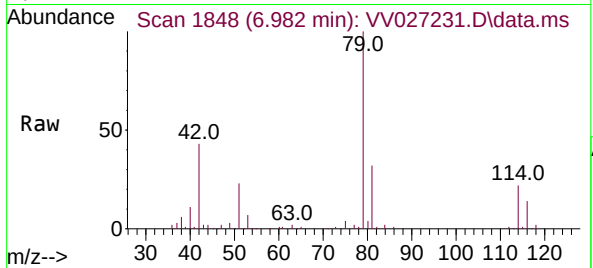
ClientSampleId :

Tgt Ion: 75 Resp: 4615

Ion Ratio Lower Upper

75 100

77 50.7 22.5 41.7#



#46

Tetrachloroethene

Concen: 17.083 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027231.D

Acq: 05 Aug 2022 17:47

Tgt Ion: 164 Resp: 33030

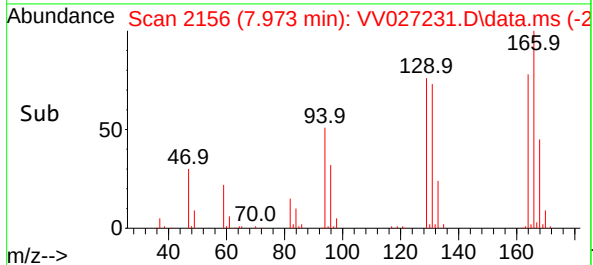
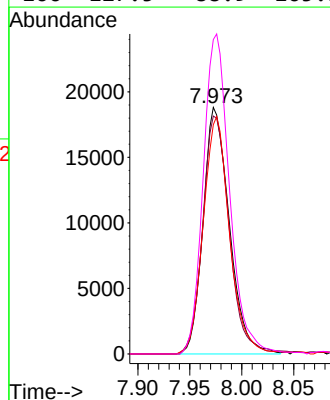
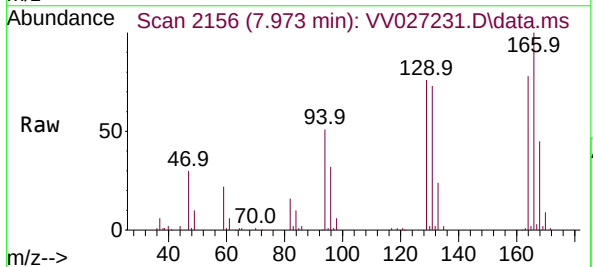
Ion Ratio Lower Upper

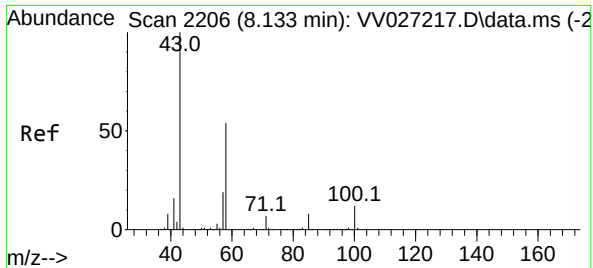
164 100

129 96.5 67.5 125.4

131 93.0 64.3 119.3

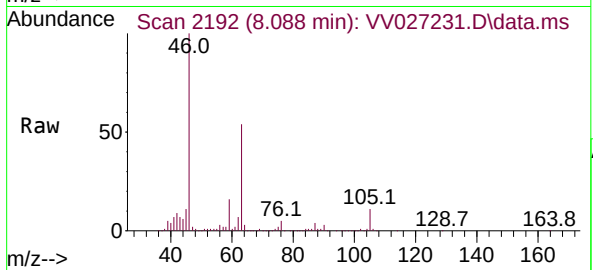
166 127.5 88.9 165.1





#48
 2-Hexanone
 Concen: 6.087 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV027231.D
 Acq: 05 Aug 2022 17:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 19990
Ion Ratio	Lower Upper
43	100
58	39.3 50.8 76.2#
57	34.7 17.1 25.7#
100	4.0 12.3 18.5#

