

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027229.D
 Acq On : 05 Aug 2022 16:57
 Operator : SY/MD
 Sample : N4021-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:01:07 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)

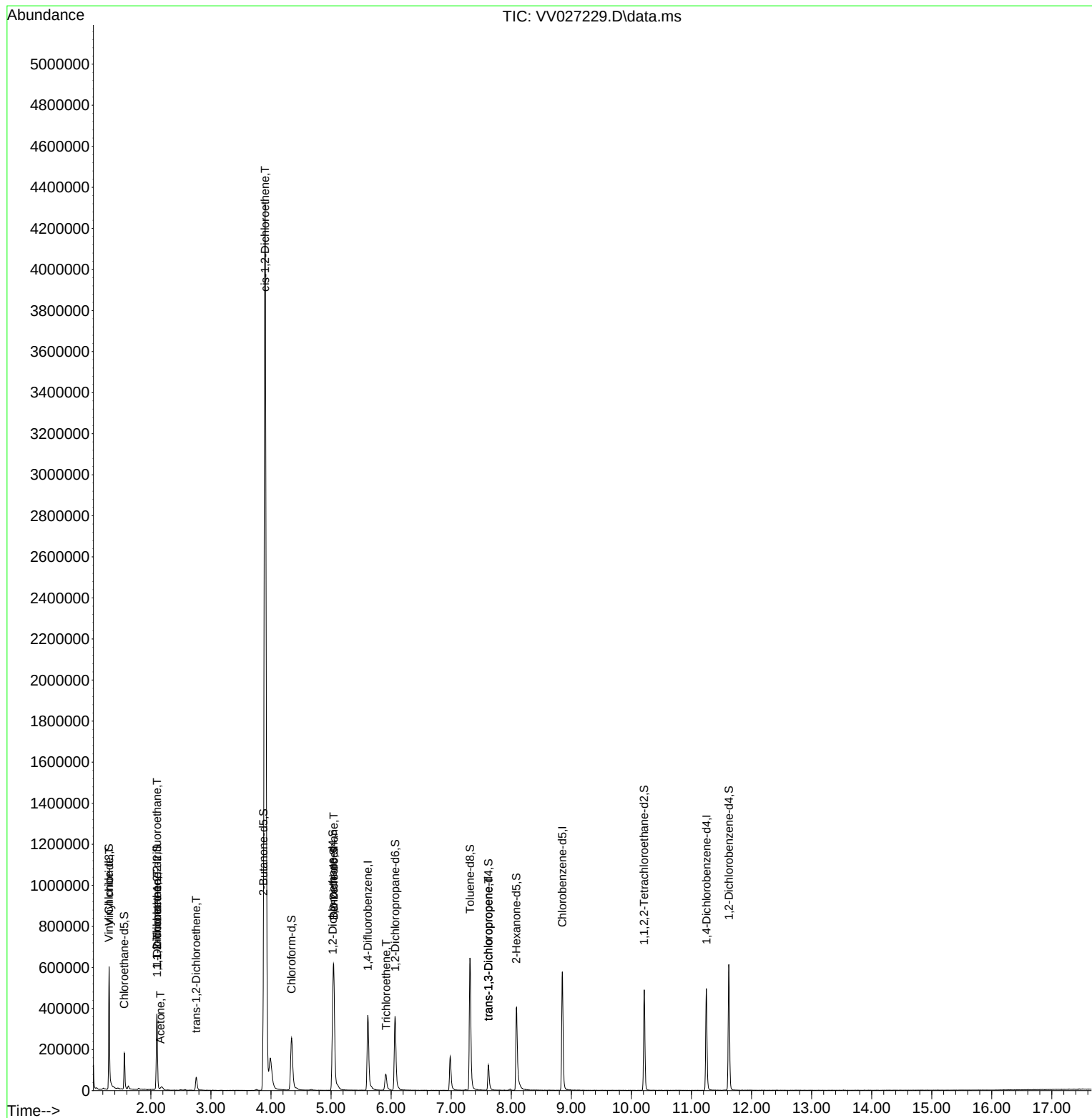
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	312843	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	313288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	156399	73.327	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	146.660%#	
7) Chloroethane-d5	1.558	69	118513	76.006	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	152.020%#	
11) 1,1-Dichloroethene-d2	2.102	63	198319	50.833	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.660%	
21) 2-Butanone-d5	3.873	46	205887	108.445	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.440%	
24) Chloroform-d	4.343	84	256461	58.700	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	117.400%	
26) 1,2-Dichloroethane-d4	5.027	65	175527	64.708	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	129.420%#	
32) Benzene-d6	5.044	84	538921	71.733	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	143.460%#	
36) 1,2-Dichloropropane-d6	6.066	67	178728	66.878	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	133.760%#	
41) Toluene-d8	7.314	98	429615	67.088	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	134.180%#	
43) trans-1,3-Dichloroprop...	7.619	79	71651	61.510	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	123.020%	
47) 2-Hexanone-d5	8.085	63	127611	99.142	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	232369	53.355	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	106.720%	
66) 1,2-Dichlorobenzene-d4	11.622	152	149542	71.669	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	143.340%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	267620	84.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	1737	0.771	ug/L #	25
12) 1,1-Dichloroethene	2.105	96	2688	1.240	ug/L #	1
13) Acetone	2.159	43	5995	4.095	ug/L	81
17) trans-1,2-Dichloroethene	2.754	96	21983	9.164	ug/L	89
20) cis-1,2-Dichloroethene	3.902	96	2278395	914.314	ug/L	85
27) 1,2-Dichloroethane	5.044	62	3212	0.847	ug/L	96
34) Trichloroethene	5.915	95	25092	9.734	ug/L	95
44) trans-1,3-Dichloropropene	7.619	75	3317	0.903	ug/L #	68

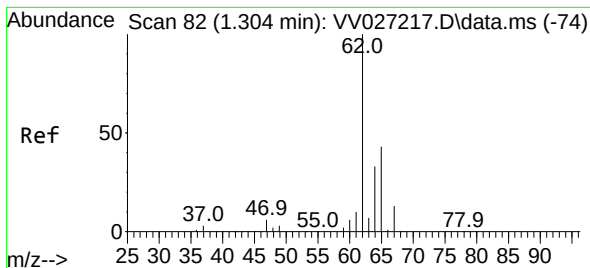
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 84.497 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027229.D

Acq: 05 Aug 2022 16:57

Instrument :

MSVOA_V

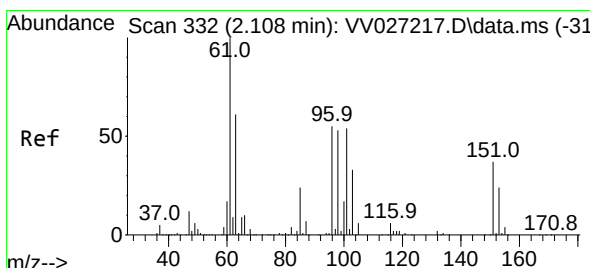
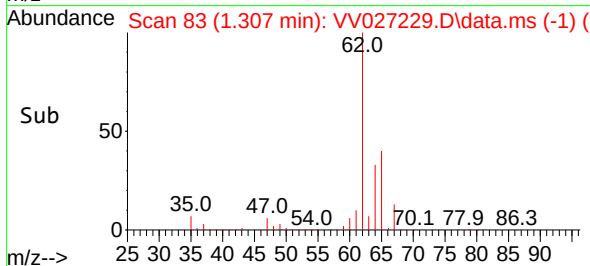
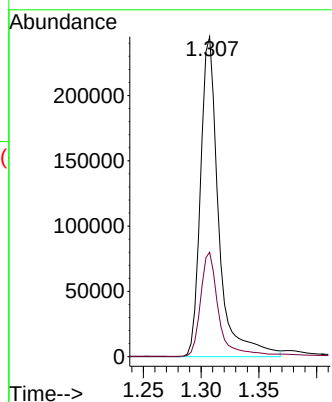
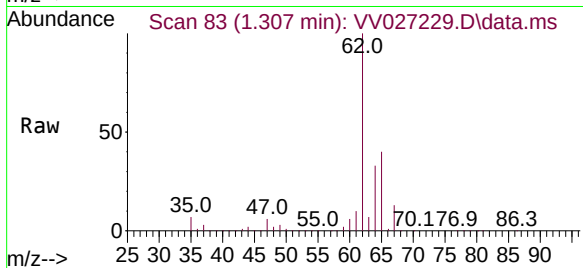
ClientSampleId :

Tgt Ion: 62 Resp: 267620

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.2



#10

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

Concen: 0.771 ug/L

RT: 2.102 min Scan# 330

Delta R.T. -0.006 min

Lab File: VV027229.D

Acq: 05 Aug 2022 16:57

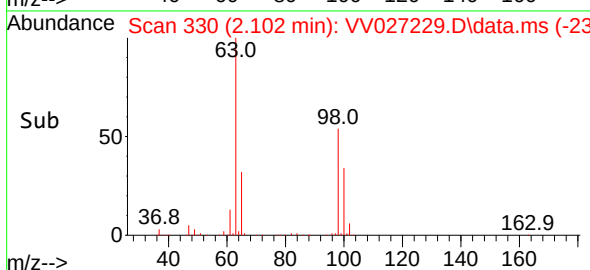
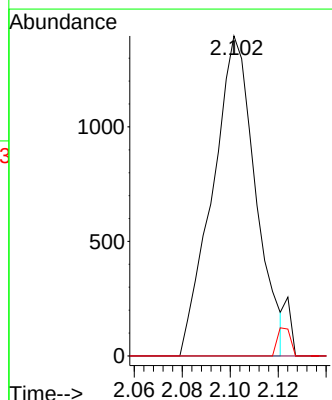
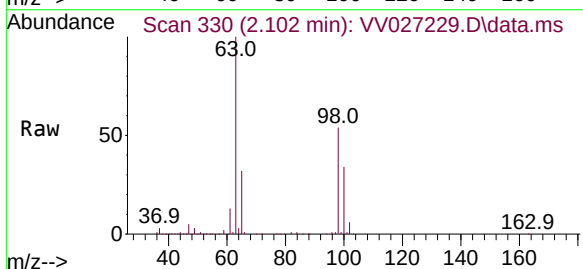
Tgt Ion:101 Resp: 1737

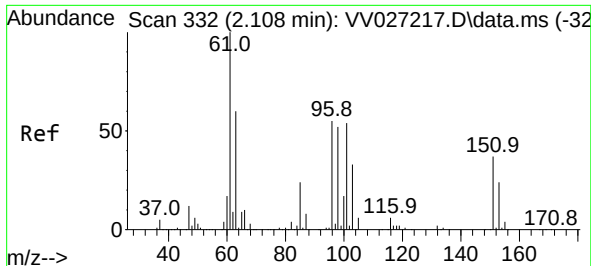
Ion Ratio Lower Upper

101 100

85 3.6 34.1 51.1#

151 2.6 57.8 86.8#

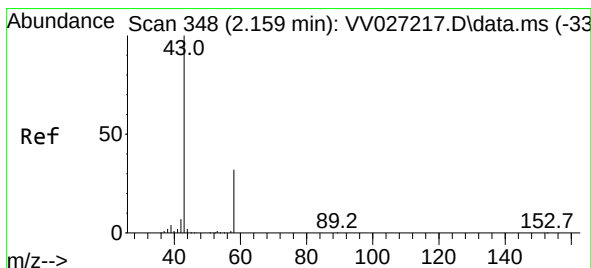
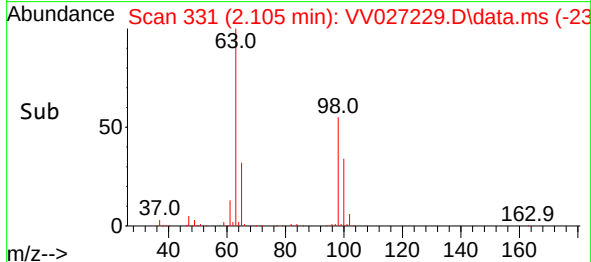
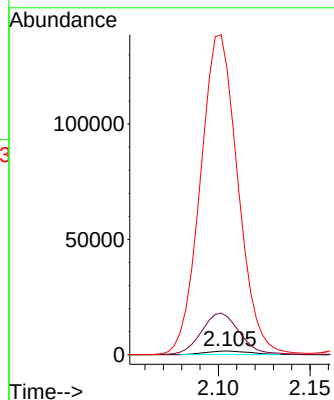
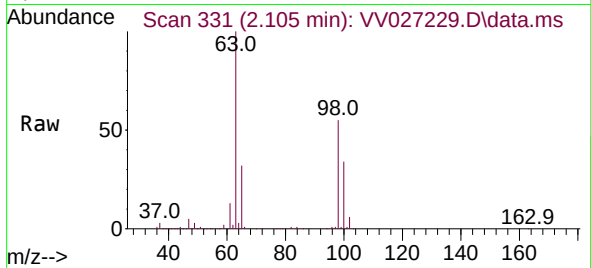




#12
1,1-Dichloroethene
Concen: 1.240 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV027229.D
Acq: 05 Aug 2022 16:57

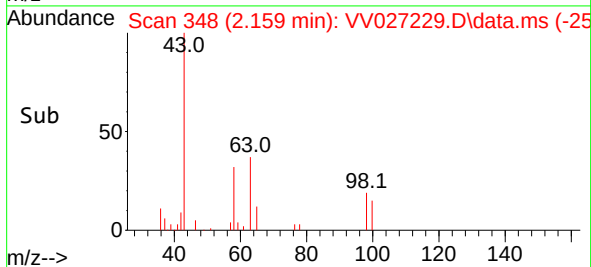
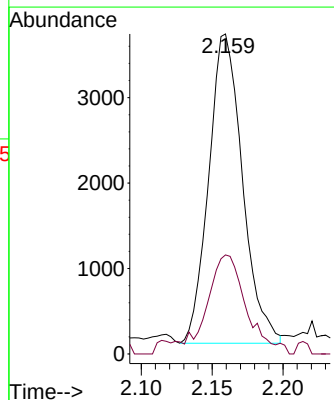
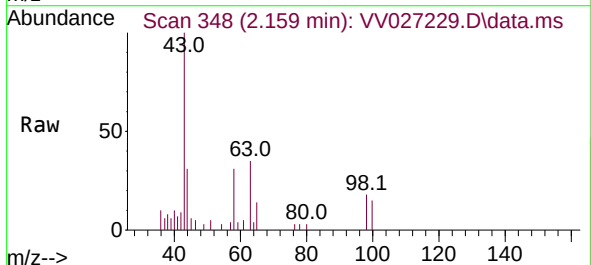
Instrument :
MSVOA_V
ClientSampleId :

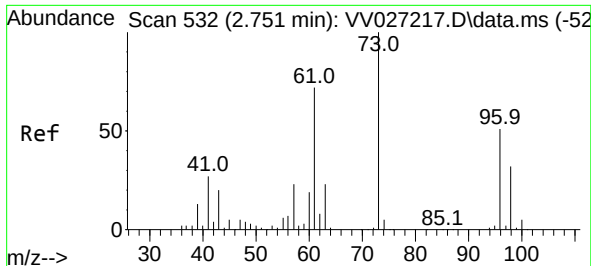
Tgt Ion: 96 Resp: 2688
Ion Ratio Lower Upper
96 100
61 1053.4 114.3 212.3#
63 7884.5 93.4 173.4#



#13
Acetone
Concen: 4.095 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV027229.D
Acq: 05 Aug 2022 16:57

Tgt Ion: 43 Resp: 5995
Ion Ratio Lower Upper
43 100
58 34.2 0.0 49.6





#17

trans-1,2-Dichloroethene

Concen: 9.164 ug/L

RT: 2.754 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027229.D

Acq: 05 Aug 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

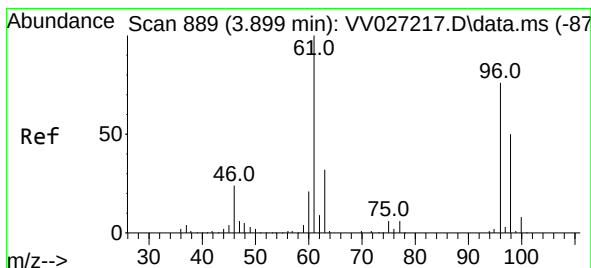
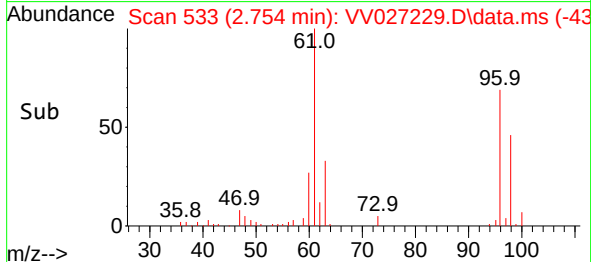
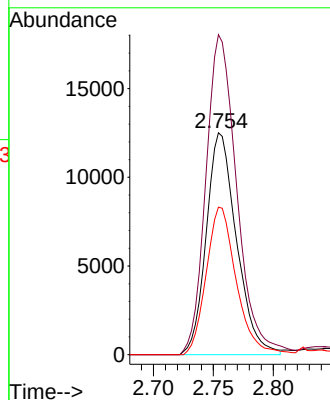
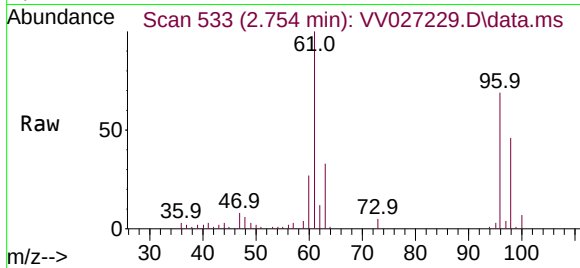
Tgt Ion: 96 Resp: 21983

Ion Ratio Lower Upper

96 100

61 144.2 89.2 165.6

98 66.5 44.6 82.8



#20

cis-1,2-Dichloroethene

Concen: 914.314 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV027229.D

Acq: 05 Aug 2022 16:57

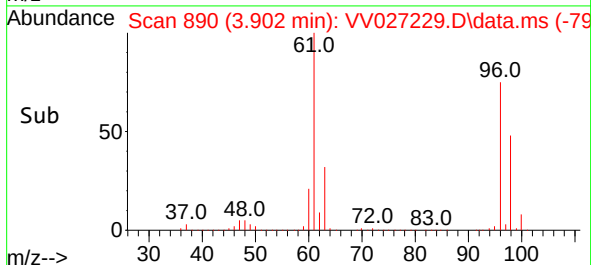
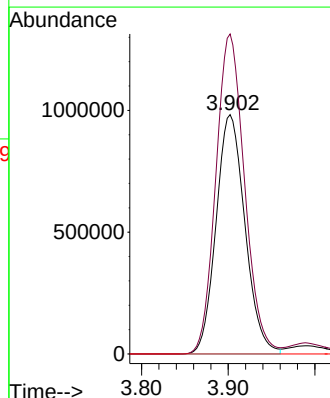
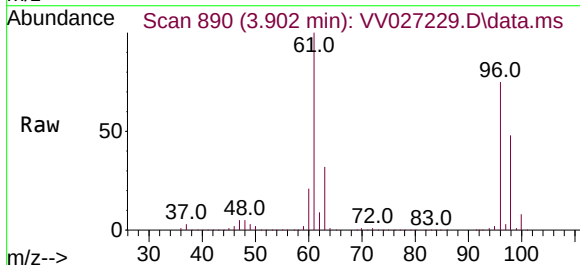
Tgt Ion: 96 Resp: 2278395

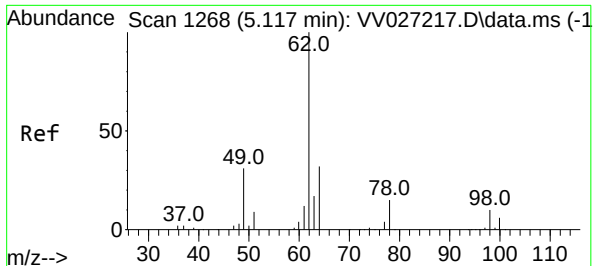
Ion Ratio Lower Upper

96 100

61 133.7 81.8 151.8

68 0.0 0.0 0.0

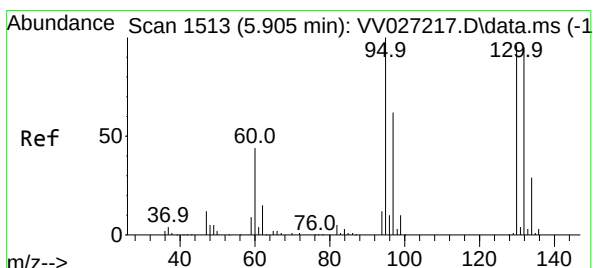
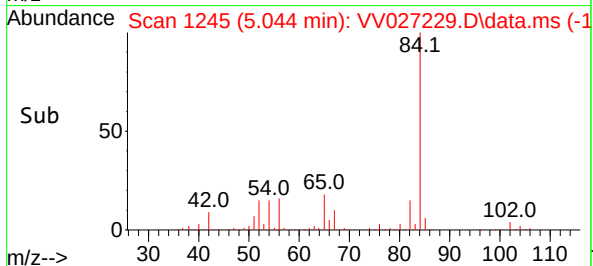
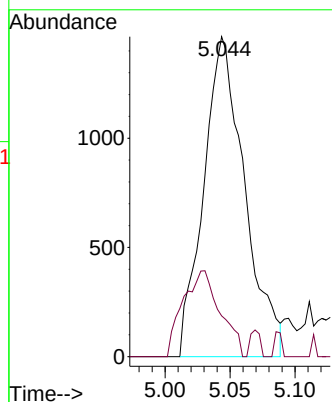
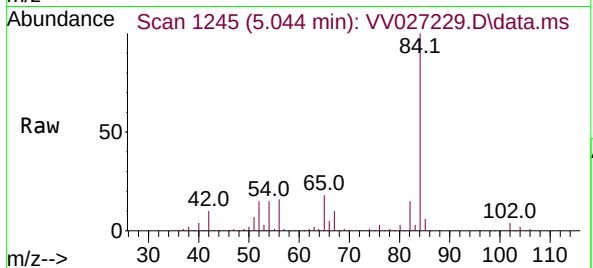




#27
1,2-Dichloroethane
Concen: 0.847 ug/L
RT: 5.044 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV027229.D
Acq: 05 Aug 2022 16:57

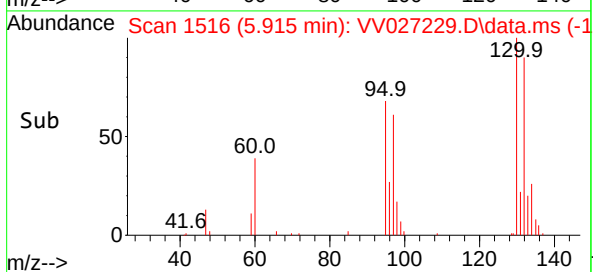
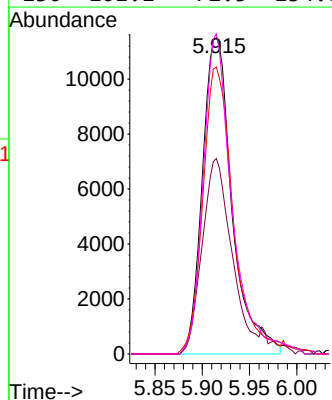
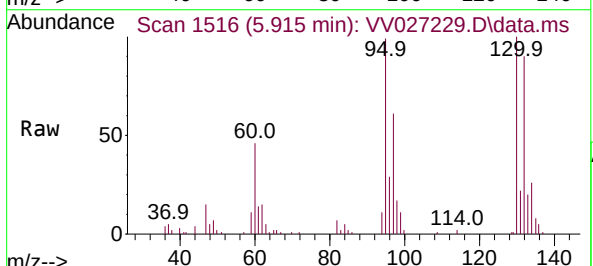
Instrument :
MSVOA_V
ClientSampleId :

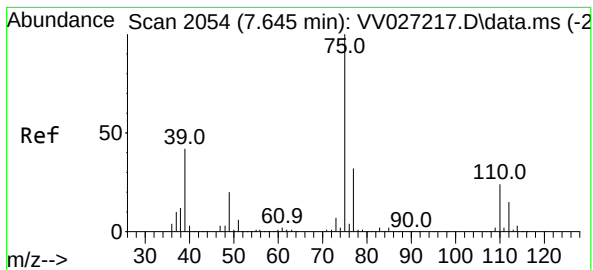
Tgt Ion: 62 Resp: 3212
Ion Ratio Lower Upper
62 100
98 12.8 9.0 13.6



#34
Trichloroethene
Concen: 9.734 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV027229.D
Acq: 05 Aug 2022 16:57

Tgt Ion: 95 Resp: 25092
Ion Ratio Lower Upper
95 100
97 61.7 45.9 85.3
132 90.7 69.8 129.6
130 101.1 72.5 134.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.619 min Scan# 2046
 Delta R.T. -0.026 min
 Lab File: VV027229.D
 Acq: 05 Aug 2022 16:57

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 3317
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.0 41.0#

