

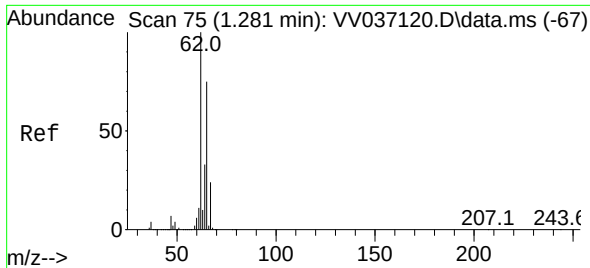
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037135.D
 Acq On : 28 Aug 2024 16:57
 Operator : SY/MD
 Sample : P3692-20DL 10X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 04:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	588997	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	573549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	270040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261534	48.541	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.080%	
7) Chloroethane-d5	1.516	69	217316	52.188	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.380%	
11) 1,1-Dichloroethene-d2	2.053	65	114911	50.743	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.480%	
21) 2-Butanone-d5	3.793	46	245096	117.470	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.470%	
24) Chloroform-d	4.240	84	420290	49.841	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.680%	
26) 1,2-Dichloroethane-d4	4.934	65	270065	50.856	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.720%	
32) Benzene-d6	4.950	84	851485	49.152	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.300%	
36) 1,2-Dichloropropane-d6	5.986	67	271077	49.960	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.920%	
41) Toluene-d8	7.240	98	755356	48.313	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.620%	
43) trans-1,3-Dichloroprop...	7.551	79	113827	45.345	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.680%	
47) 2-Hexanone-d5	8.024	63	167051	112.809	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	112.810%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	340596	51.758	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.520%	
66) 1,2-Dichlorobenzene-d4	11.554	152	276766	51.174	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.340%	
Target Compounds						
5) Vinyl chloride	1.282	62	22167	4.218	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	3294	0.808	ug/L #	28
12) 1,1-Dichloroethene	2.053	96	3420	0.890	ug/L #	1
17) trans-1,2-Dichloroethene	2.683	96	6617	1.659	ug/L	96
20) cis-1,2-Dichloroethene	3.802	96	520041	117.976	ug/L	99
39) cis-1,3-Dichloropropene	6.908	75	7658	1.094	ug/L #	79
48) 2-Hexanone	8.024	43	21294	6.103	ug/L #	70

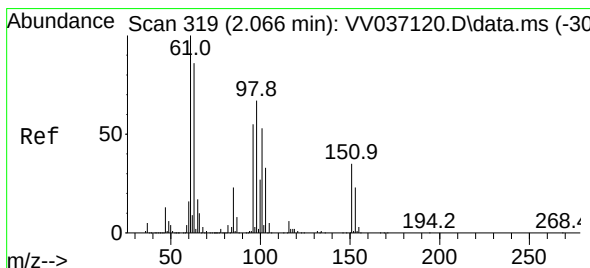
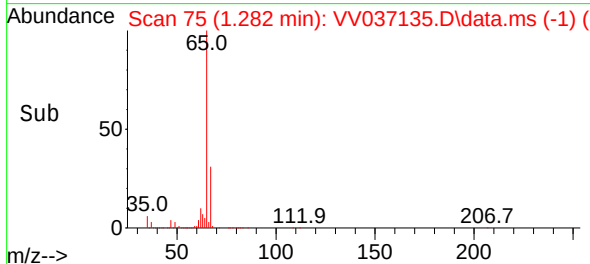
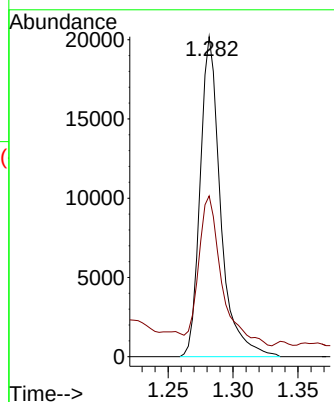
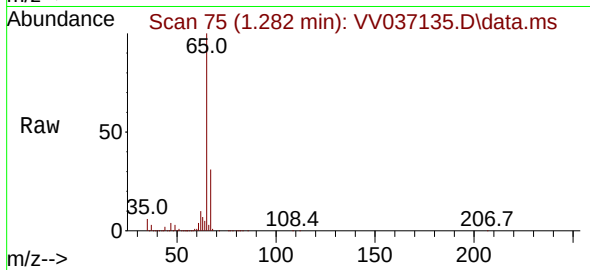
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 4.218 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037135.D
 Acq: 28 Aug 2024 16:57

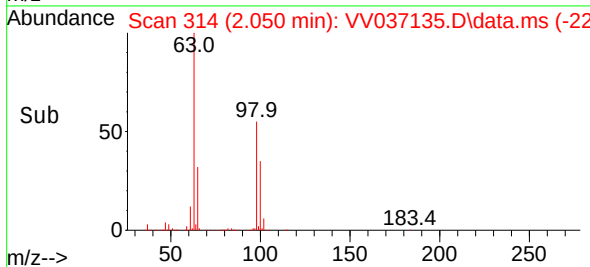
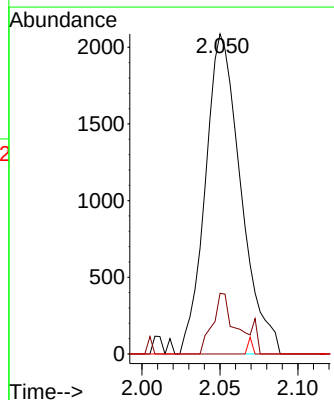
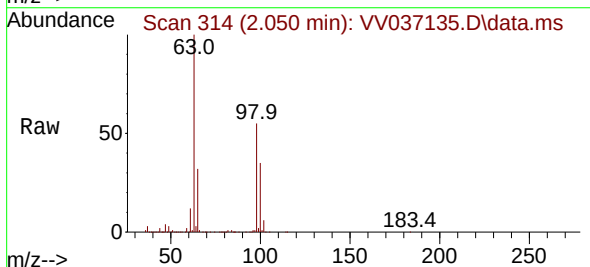
Instrument :
 MSVOA_V
 ClientSampleId :

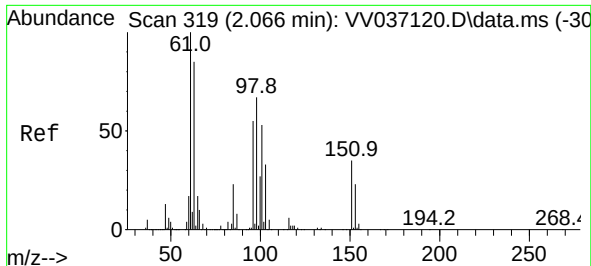
Tgt Ion: 62 Resp: 22167
 Ion Ratio Lower Upper
 62 100
 64 50.3 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.808 ug/L
 RT: 2.050 min Scan# 314
 Delta R.T. -0.016 min
 Lab File: VV037135.D
 Acq: 28 Aug 2024 16:57

Tgt Ion: 101 Resp: 3294
 Ion Ratio Lower Upper
 101 100
 85 9.6 35.6 53.4#
 151 0.0 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 0.890 ug/L

RT: 2.053 min Scan# 31

Delta R.T. -0.013 min

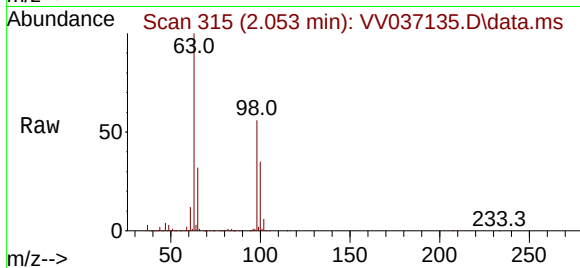
Lab File: VV037135.D

Acq: 28 Aug 2024 16:57

Instrument :

MSVOA_V

ClientSampleId :



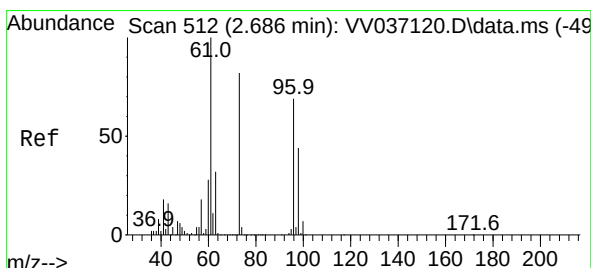
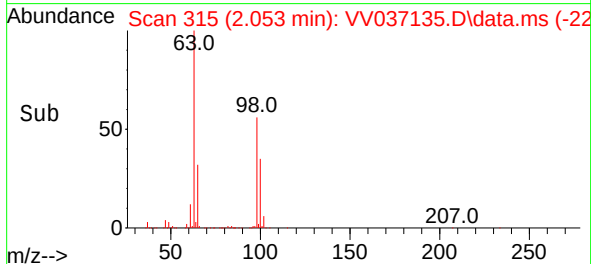
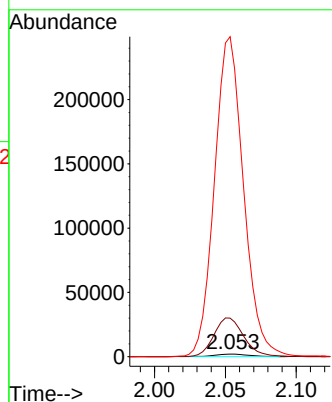
Tgt Ion: 96 Resp: 3420

Ion Ratio Lower Upper

96 100

61 1489.1 123.8 229.8#

63 12330.9 96.5 179.1#



#17

trans-1,2-Dichloroethene

Concen: 1.659 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.003 min

Lab File: VV037135.D

Acq: 28 Aug 2024 16:57

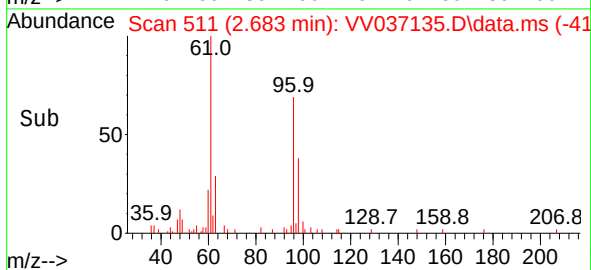
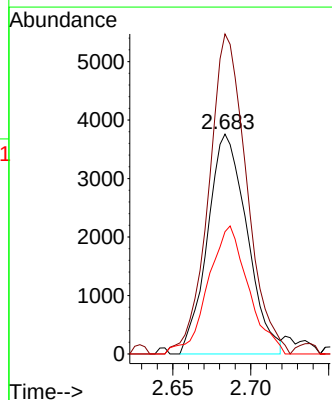
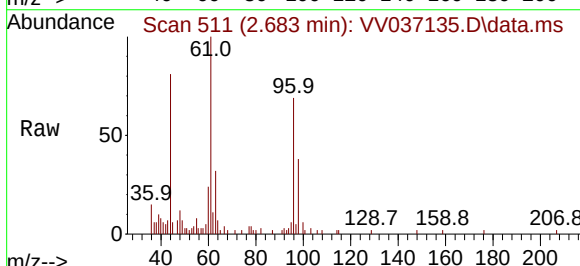
Tgt Ion: 96 Resp: 6617

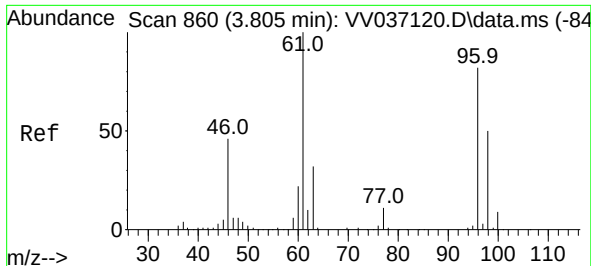
Ion Ratio Lower Upper

96 100

61 145.5 102.3 189.9

98 55.6 44.8 83.2





#20

cis-1,2-Dichloroethene

Concen: 117.976 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037135.D

Acq: 28 Aug 2024 16:57

Instrument :

MSVOA_V

ClientSampleId :

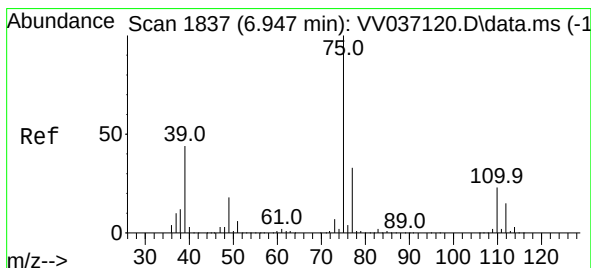
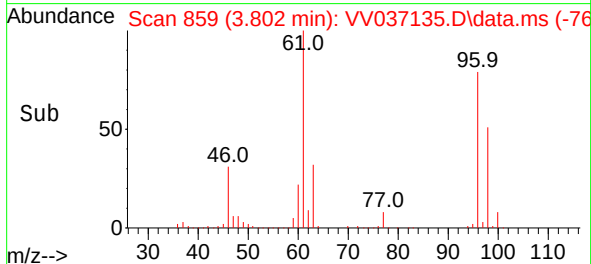
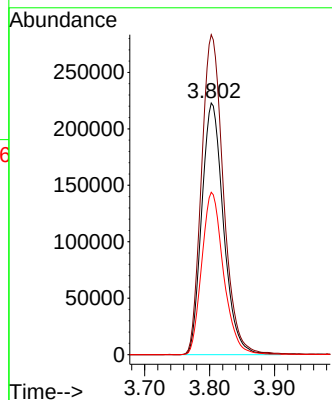
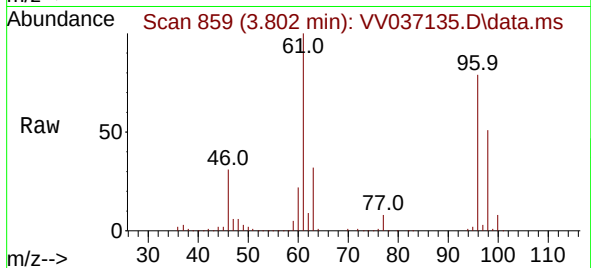
Tgt Ion: 96 Resp: 520041

Ion Ratio Lower Upper

96 100

61 127.2 89.9 166.9

98 64.5 44.8 83.2



#39

cis-1,3-Dichloropropene

Concen: 1.094 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.038 min

Lab File: VV037135.D

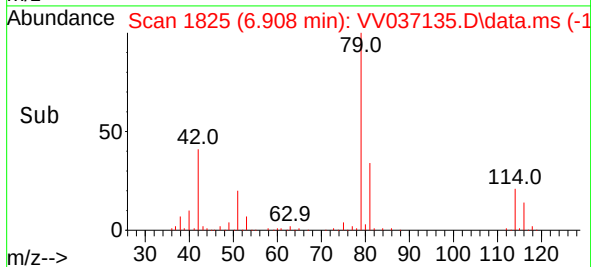
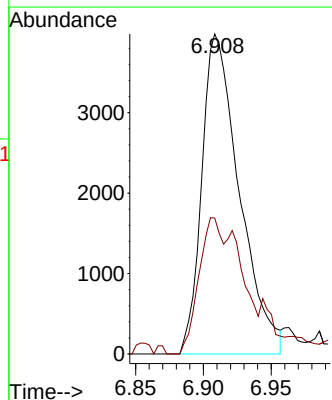
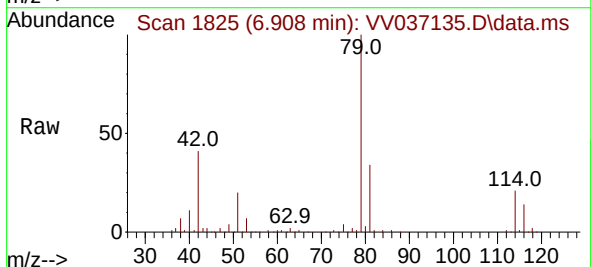
Acq: 28 Aug 2024 16:57

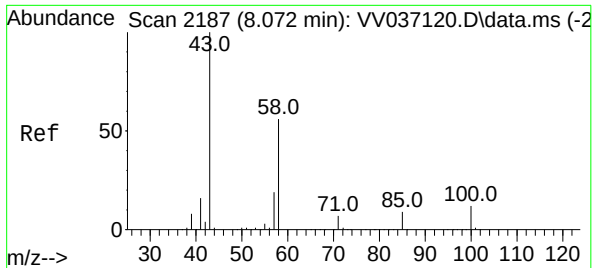
Tgt Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

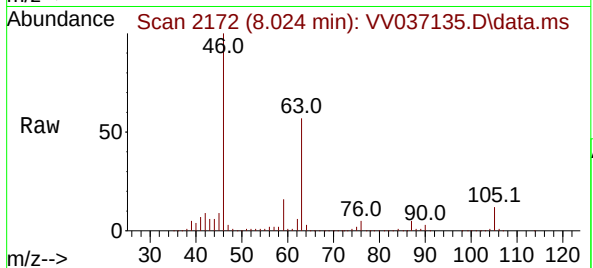
77 42.4 21.7 40.3#





#48
 2-Hexanone
 Concen: 6.103 ug/L
 RT: 8.024 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV037135.D
 Acq: 28 Aug 2024 16:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 21294
Ion Ratio	Lower Upper
43 100	
58 36.3	46.0 69.0#
57 33.6	15.6 23.4#
100 0.8	10.6 16.0#

