

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037078.D
 Acq On : 27 Aug 2024 12:20
 Operator : SY/MD
 Sample : P3691-20
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:19:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

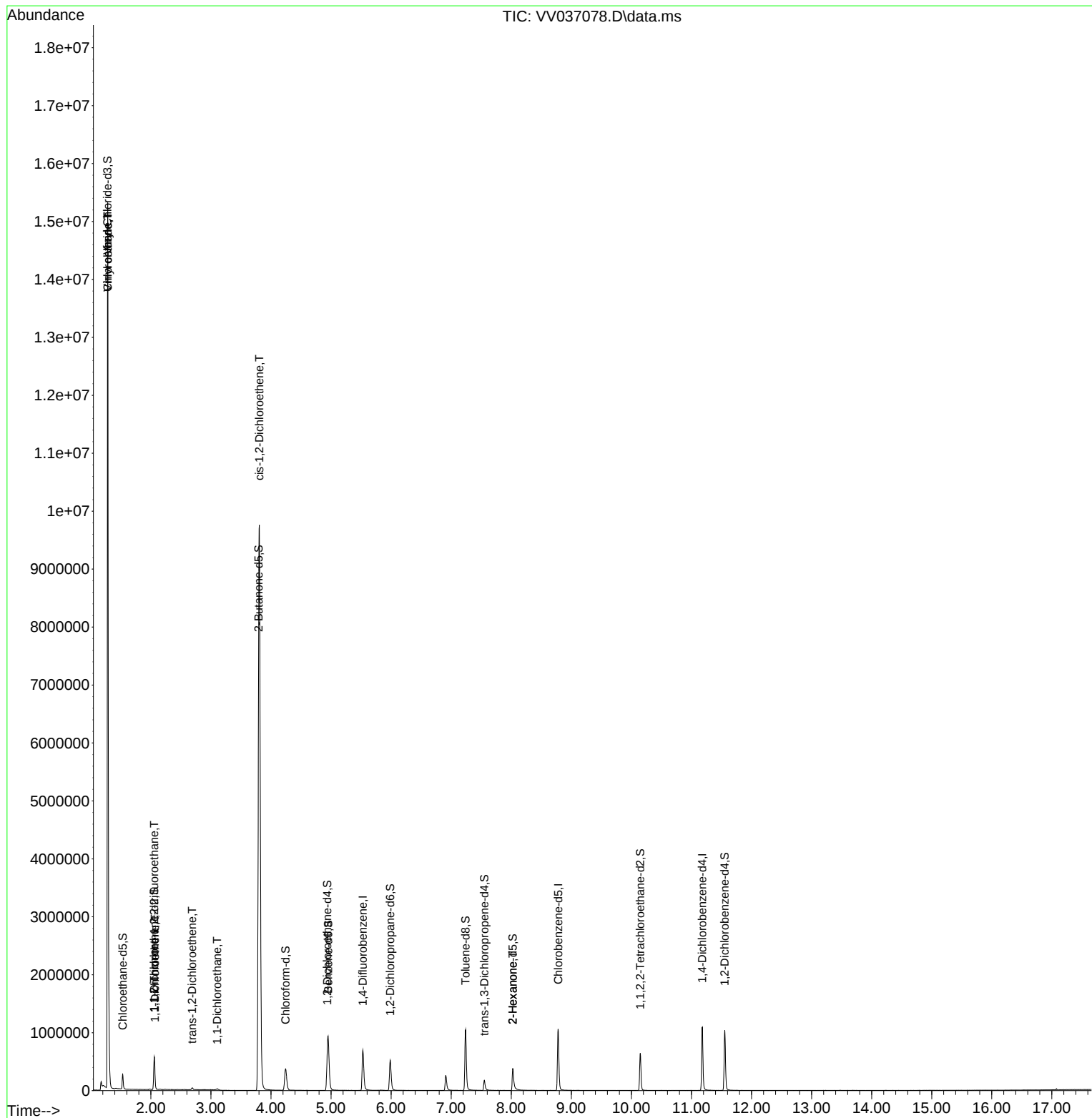
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	598260	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	588836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	271363	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	287962	52.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	105.240%		
7) Chloroethane-d5	1.532	69	172980	40.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.800%		
11) 1,1-Dichloroethene-d2	2.057	65	95928	41.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.400%		
21) 2-Butanone-d5	3.793	46	226795	107.015	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.020%		
24) Chloroform-d	4.243	84	396941	46.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.680%		
26) 1,2-Dichloroethane-d4	4.937	65	251612	46.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.300%		
32) Benzene-d6	4.954	84	785390	44.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	5.986	67	258206	46.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.700%		
41) Toluene-d8	7.240	98	694548	43.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.540%		
43) trans-1,3-Dichloroprop...	7.551	79	104010	40.358	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.720%		
47) 2-Hexanone-d5	8.024	63	133288	87.672	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.670%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	315537	46.705	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.400%		
66) 1,2-Dichlorobenzene-d4	11.555	152	262767	48.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	9579133	1794.704	ug/L	91
8) Chloroethane	1.282	64	3374325	1033.568	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	3081	0.744	ug/L #	26
12) 1,1-Dichloroethene	2.066	96	7293	1.869	ug/L #	1
17) trans-1,2-Dichloroethene	2.687	96	10916	2.694	ug/L	92
19) 1,1-Dichloroethane	3.105	63	15377	1.911	ug/L	95
20) cis-1,2-Dichloroethene	3.806	96	5219821	1165.826	ug/L	99
48) 2-Hexanone	8.024	43	17363	4.847	ug/L #	72

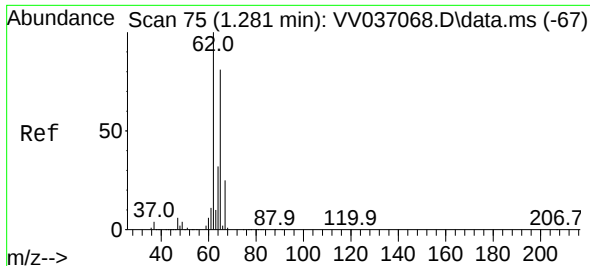
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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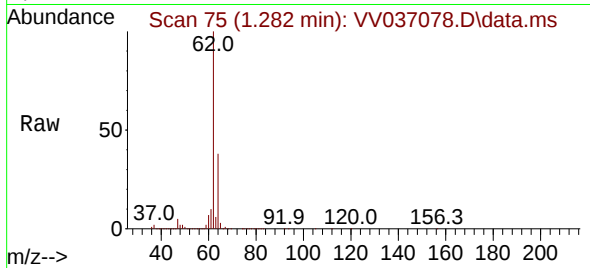
Quant Time: Aug 28 04:19:26 2024
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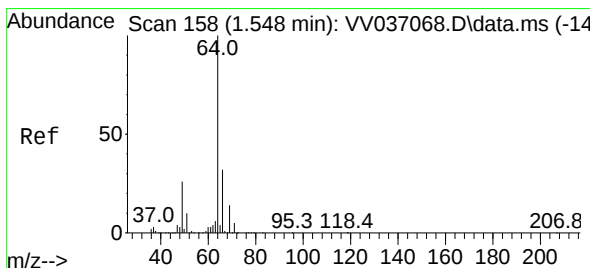
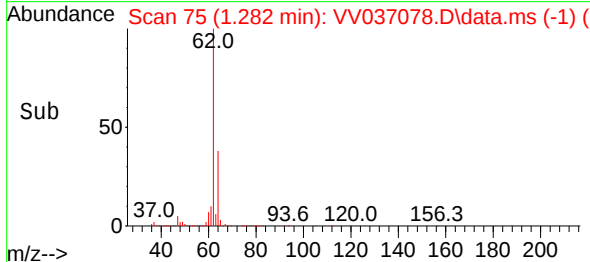
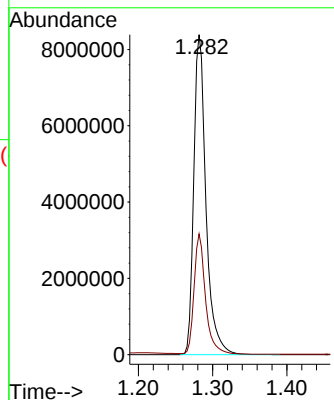


#5
 Vinyl chloride
 Concen: 1794.704 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037078.D
 Acq: 27 Aug 2024 12:20

Instrument :
 MSVOA_V
 ClientSampleId :

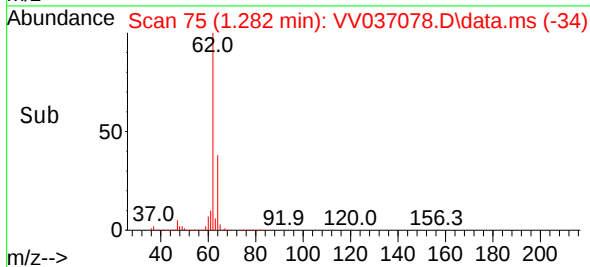
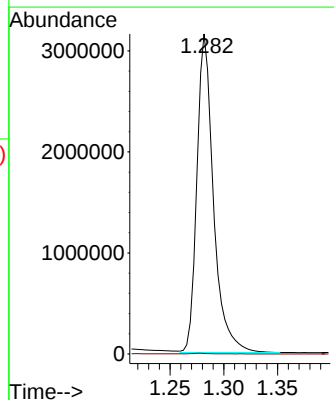
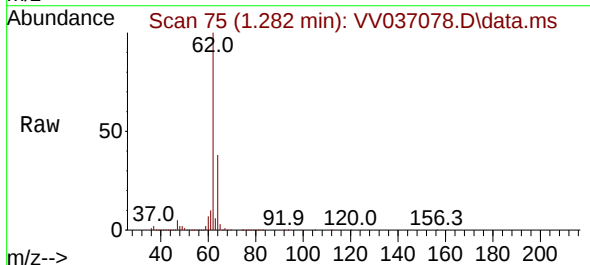


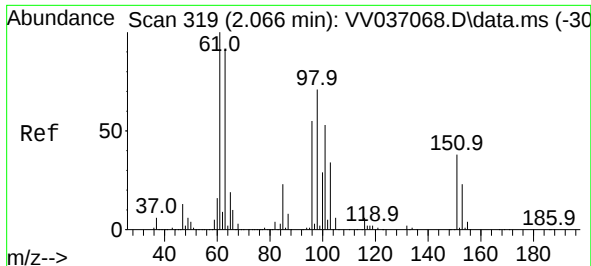
Tgt Ion: 62 Resp: 9579133
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.8 42.4



#8
 Chloroethane
 Concen: 1033.568 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.267 min
 Lab File: VV037078.D
 Acq: 27 Aug 2024 12:20

Tgt Ion: 64 Resp: 3374325
 Ion Ratio Lower Upper
 64 100
 66 0.2 22.8 42.4#

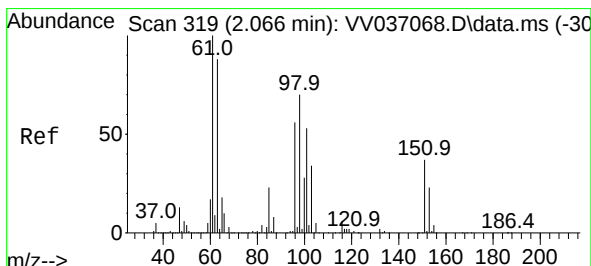
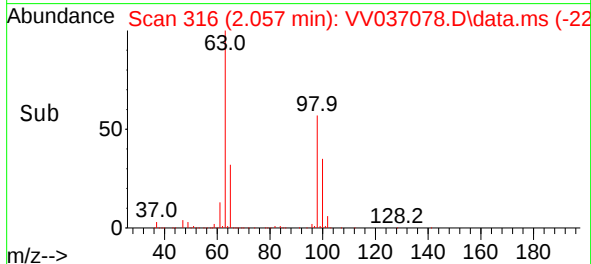
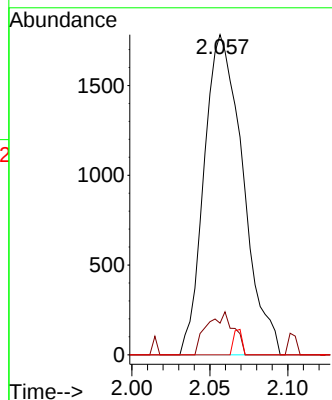
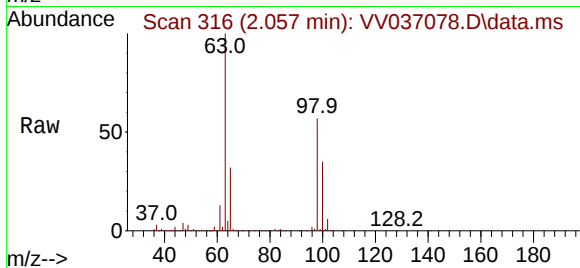




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.744 ug/L
 RT: 2.057 min Scan# 316
 Delta R.T. -0.009 min
 Lab File: VV037078.D
 Acq: 27 Aug 2024 12:20

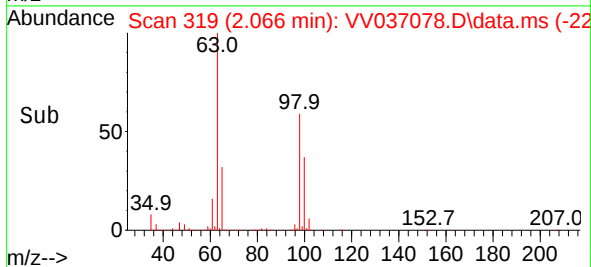
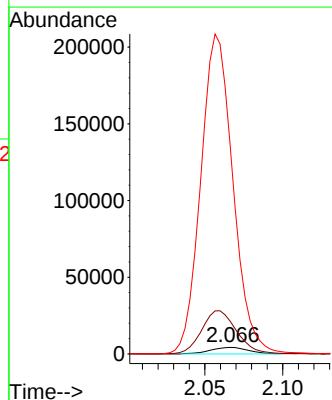
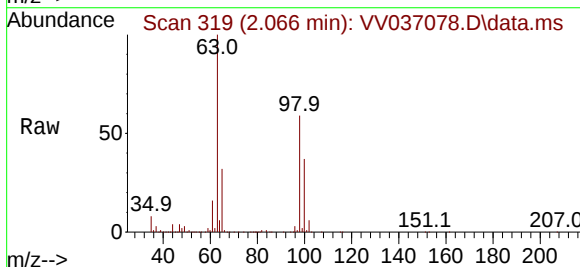
Instrument :
 MSVOA_V
 ClientSampleId :

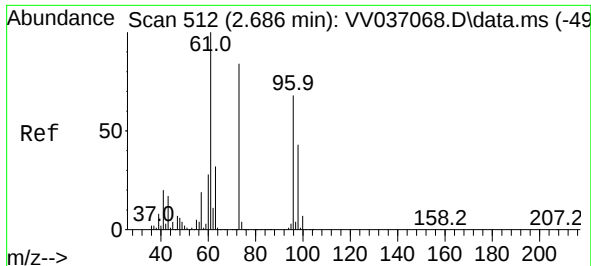
Tgt Ion:101 Resp: 3081
 Ion Ratio Lower Upper
 101 100
 85 4.1 35.6 53.4#
 151 1.7 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 1.869 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037078.D
 Acq: 27 Aug 2024 12:20

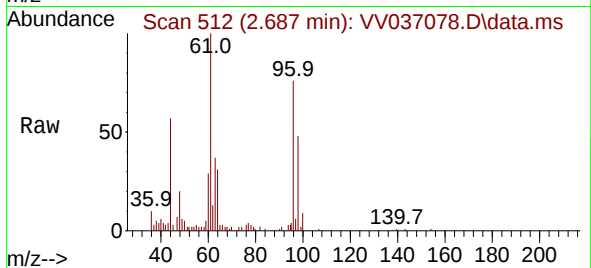
Tgt Ion: 96 Resp: 7293
 Ion Ratio Lower Upper
 96 100
 61 496.3 123.8 229.8#
 63 3165.1 96.5 179.1#



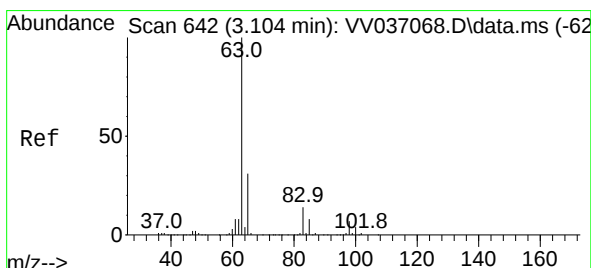
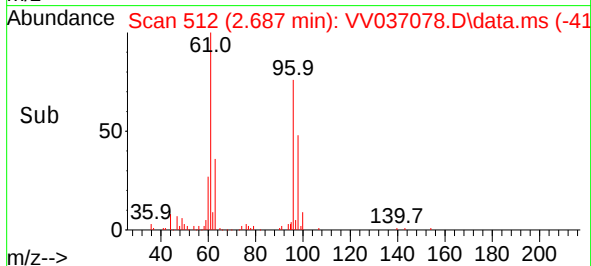
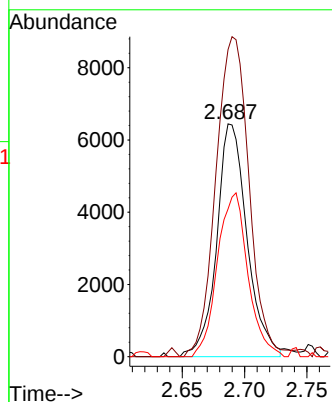


#17
trans-1,2-Dichloroethene
Concen: 2.694 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037078.D
Acq: 27 Aug 2024 12:20

Instrument :
MSVOA_V
ClientSampleId :

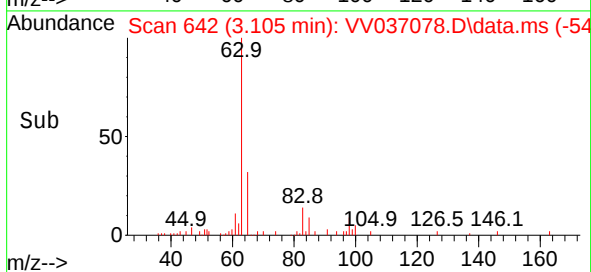
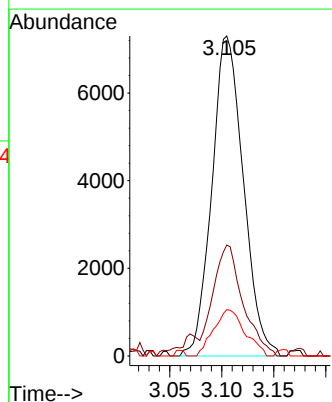
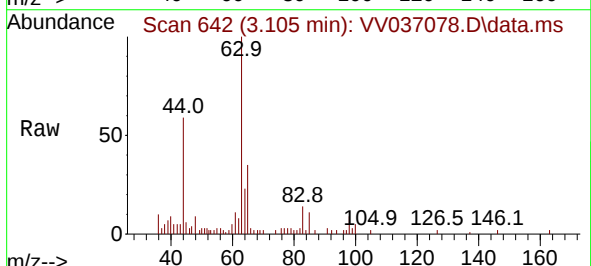


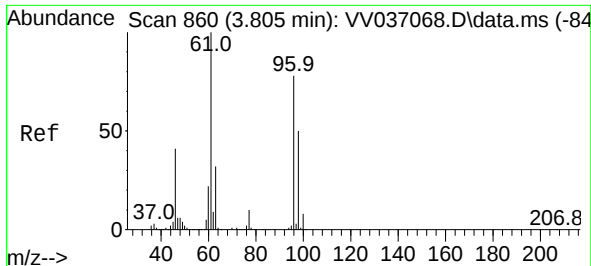
Tgt Ion: 96 Resp: 10916
Ion Ratio Lower Upper
96 100
61 131.8 102.3 189.9
98 63.4 44.8 83.2



#19
1,1-Dichloroethane
Concen: 1.911 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037078.D
Acq: 27 Aug 2024 12:20

Tgt Ion: 63 Resp: 15377
Ion Ratio Lower Upper
63 100
65 34.7 22.0 41.0
83 14.4 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 1165.826 ug/L

RT: 3.806 min Scan# 80

Delta R.T. 0.000 min

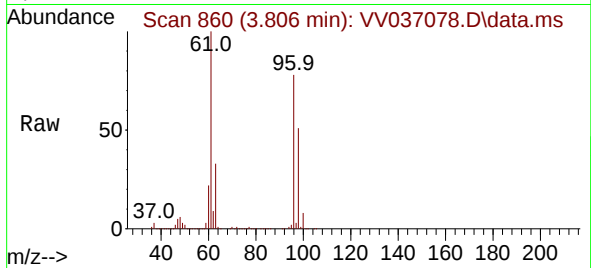
Lab File: VV037078.D

Acq: 27 Aug 2024 12:20

Instrument :

MSVOA_V

ClientSampleId :



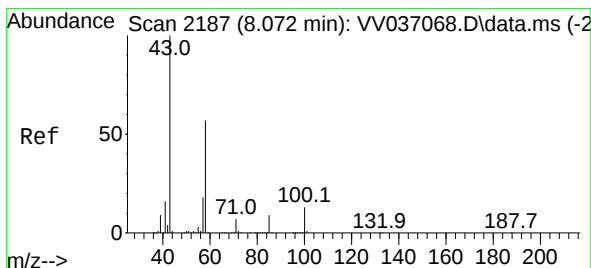
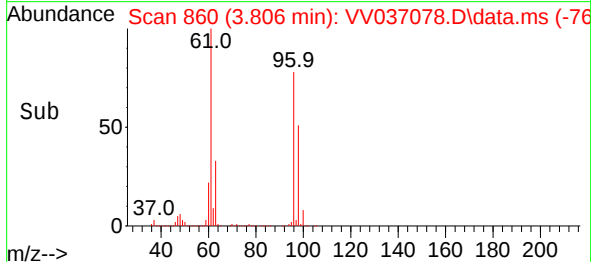
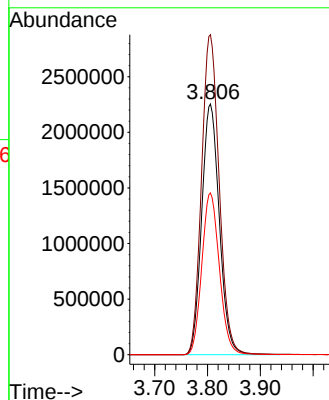
Tgt Ion: 96 Resp: 5219821

Ion Ratio Lower Upper

96 100

61 127.6 89.9 166.9

98 64.5 44.8 83.2



#48

2-Hexanone

Concen: 4.847 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV037078.D

Acq: 27 Aug 2024 12:20

Tgt Ion: 43 Resp: 17363

Ion Ratio Lower Upper

43 100

58 37.1 46.0 69.0#

57 34.3 15.6 23.4#

100 3.0 10.6 16.0#

