

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036650.D
 Acq On : 23 Jul 2024 16:40
 Operator : SY/MD
 Sample : P3276-08
 Misc : 9.83g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:01:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

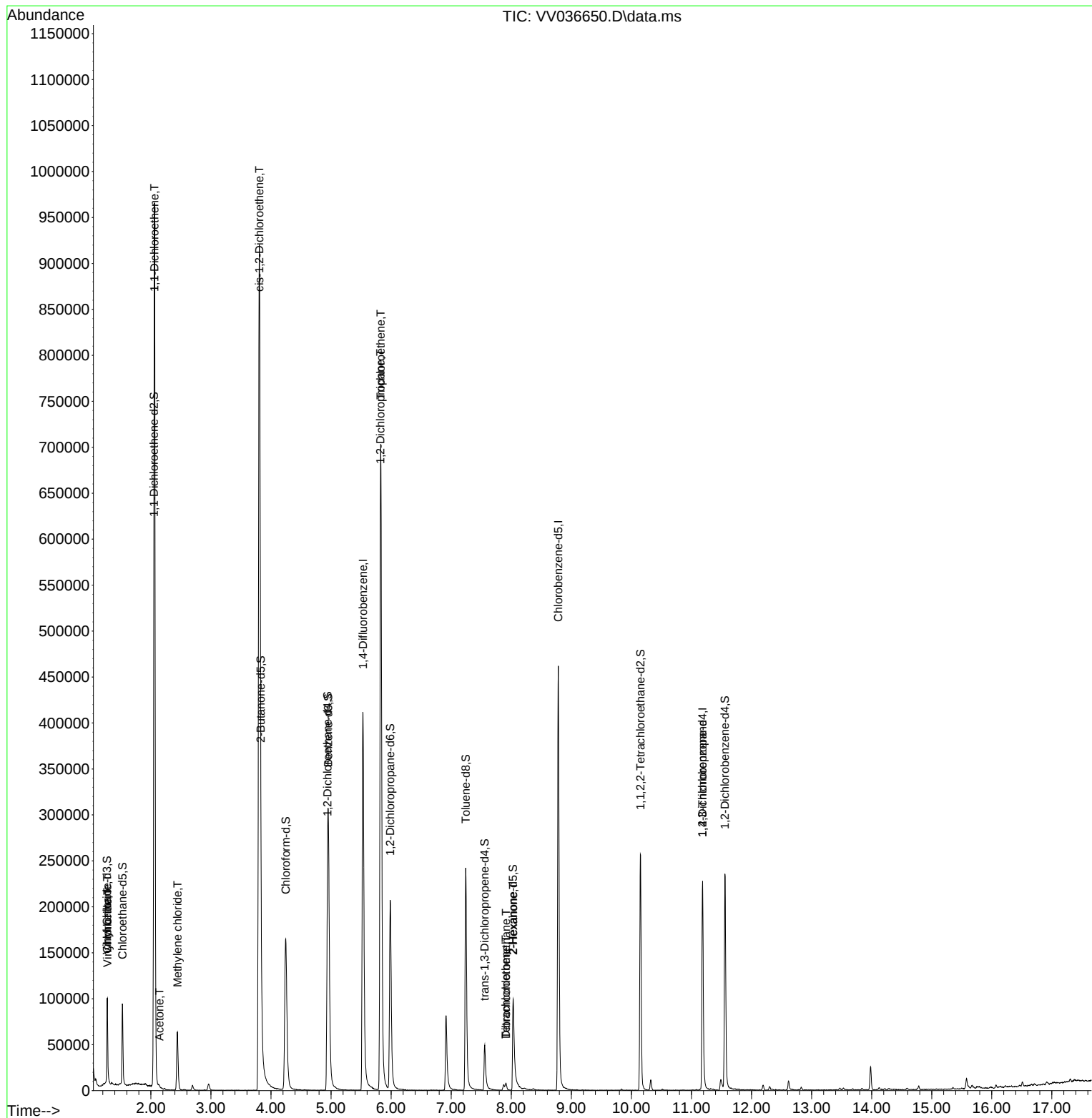
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394468	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51417	11.901	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.600%		
7) Chloroethane-d5	1.526	69	58888	15.091	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.360%		
11) 1,1-Dichloroethene-d2	2.050	65	25517	11.170	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	44.680%#		
21) 2-Butanone-d5	3.831	46	58312	57.833	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.660%		
24) Chloroform-d	4.246	84	186847	17.910	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.640%		
26) 1,2-Dichloroethane-d4	4.941	65	109031	21.184	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.720%		
32) Benzene-d6	4.953	84	263110	19.303	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.200%		
36) 1,2-Dichloropropane-d6	5.986	67	101187	26.053	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.200%		
41) Toluene-d8	7.243	98	179832	13.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	55.280%		
43) trans-1,3-Dichloroprop...	7.558	79	34783	20.146	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.600%		
47) 2-Hexanone-d5	8.030	63	39332	76.096	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	152.200%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	120795	35.685	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	142.720%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	67980	29.004	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	116.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	13450	2.113	ug/L	99
8) Chloroethane	1.275	64	4856	1.177	ug/L	94
12) 1,1-Dichloroethene	2.060	96	284408	46.735	ug/L #	88
13) Acetone	2.143	43	2025	1.236	ug/L #	60
16) Methylene chloride	2.442	84	30916	4.212	ug/L	93
20) cis-1,2-Dichloroethene	3.806	96	553237	86.196	ug/L	98
34) Trichloroethene	5.828	95	245896	46.005	ug/L	98
37) 1,2-Dichloropropane	5.822	63	2484	0.661	ug/L	98
46) Tetrachloroethene	7.908	164	2256	0.425	ug/L	87
48) 2-Hexanone	8.034	43	5217	3.791	ug/L #	62
49) Dibromochloromethane	7.911	129	1914	0.414	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	6247	5.278	ug/L #	57

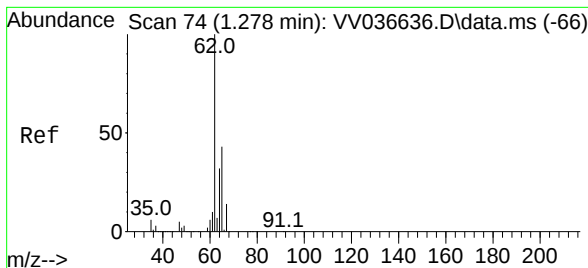
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036650.D
Acq On : 23 Jul 2024 16:40
Operator : SY/MD
Sample : P3276-08
Misc : 9.83g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 24 01:01:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration

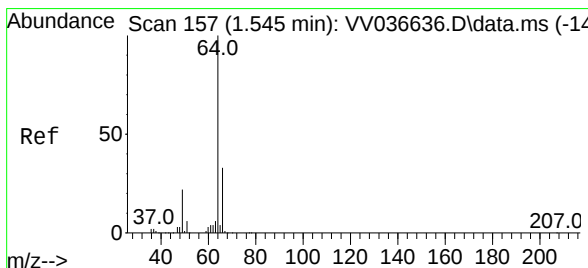
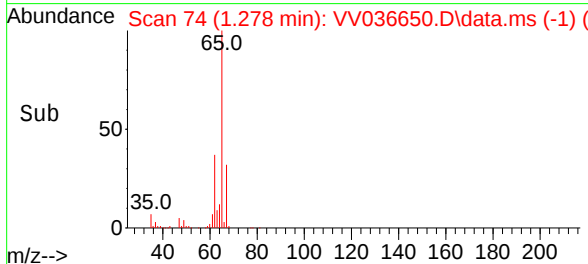
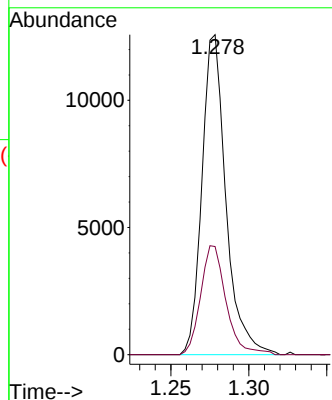
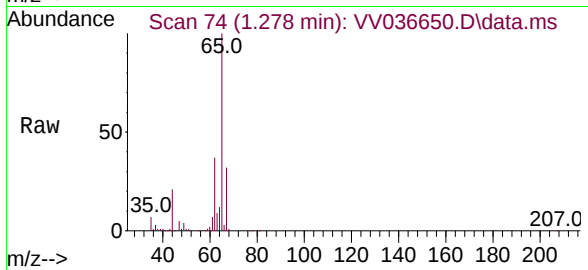




#5
 Vinyl chloride
 Concen: 2.113 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036650.D
 Acq: 23 Jul 2024 16:40

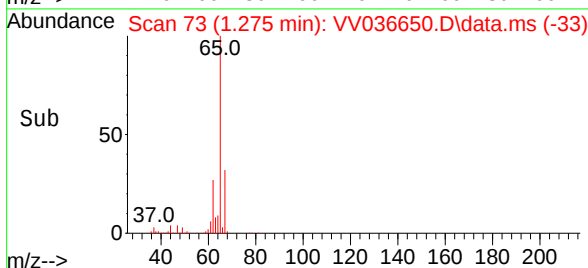
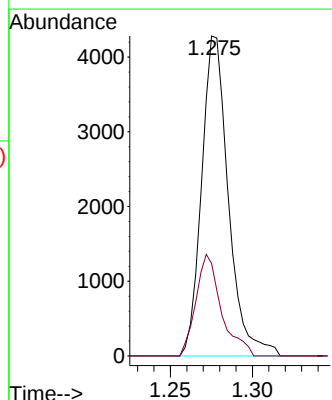
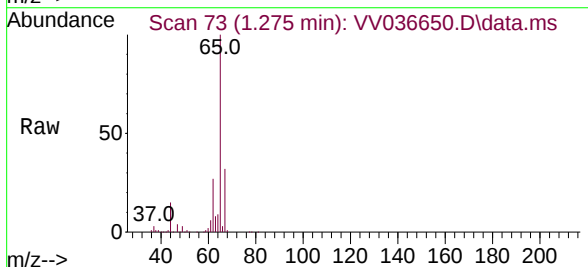
Instrument :
 MSVOA_V
 ClientSampleId :

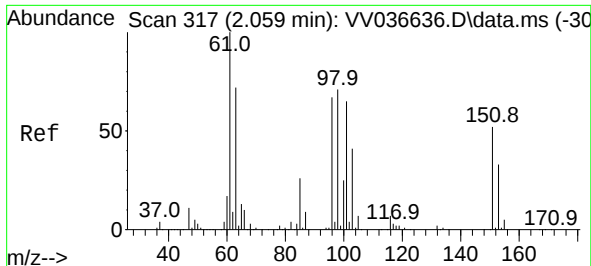
Tgt Ion: 62 Resp: 13450
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#8
 Chloroethane
 Concen: 1.177 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.270 min
 Lab File: VV036650.D
 Acq: 23 Jul 2024 16:40

Tgt Ion: 64 Resp: 4856
 Ion Ratio Lower Upper
 64 100
 66 29.0 22.7 42.1

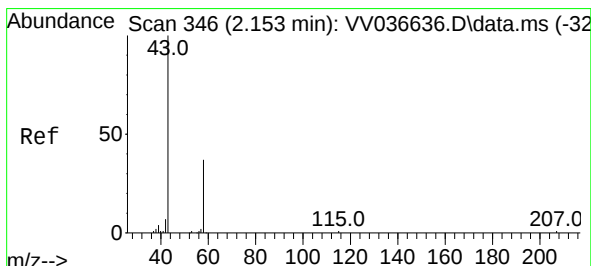
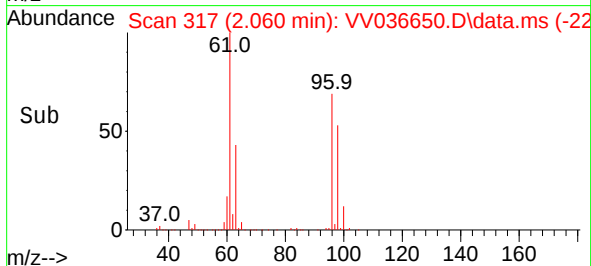
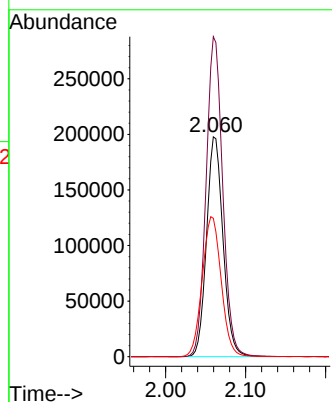
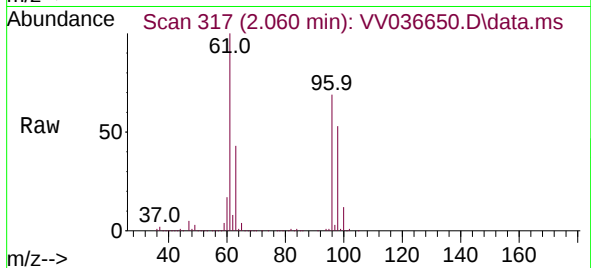




#12
1,1-Dichloroethene
Concen: 46.735 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

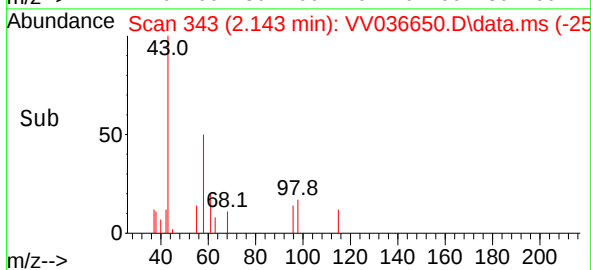
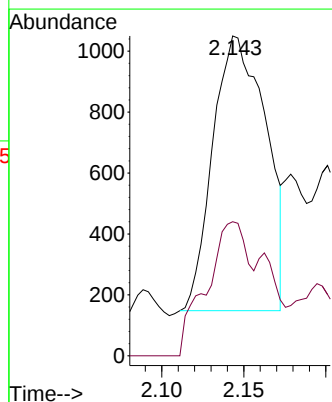
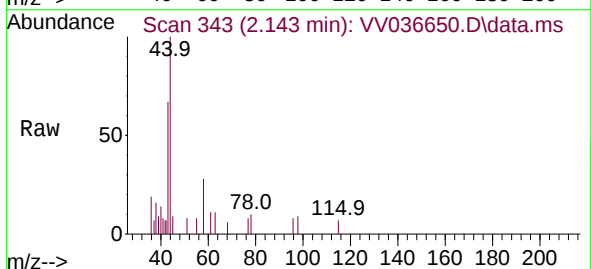
Instrument :
MSVOA_V
ClientSampleId :

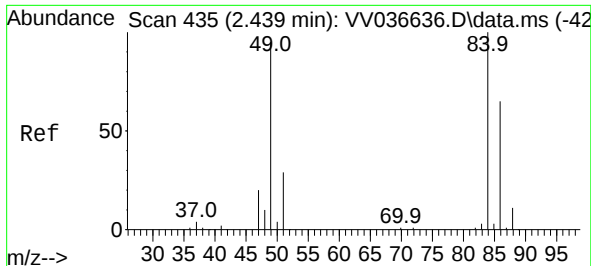
Tgt Ion: 96 Resp: 284408
Ion Ratio Lower Upper
96 100
61 145.5 102.3 189.9
63 63.0 64.1 119.1#



#13
Acetone
Concen: 1.236 ug/L
RT: 2.143 min Scan# 343
Delta R.T. -0.010 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 27.0 0.0 23.0#

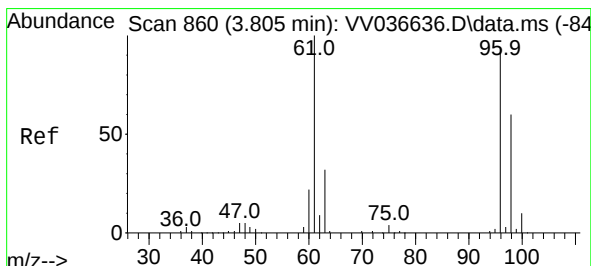
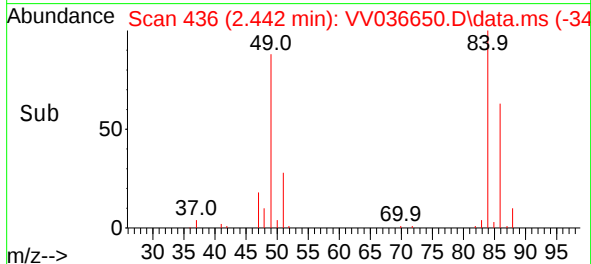
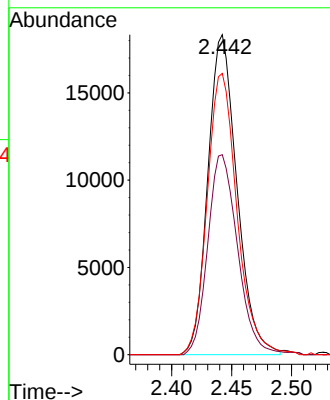
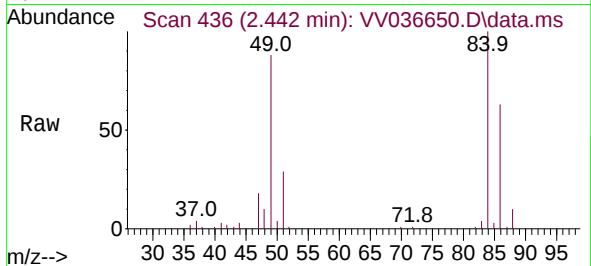




#16
Methylene chloride
Concen: 4.212 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

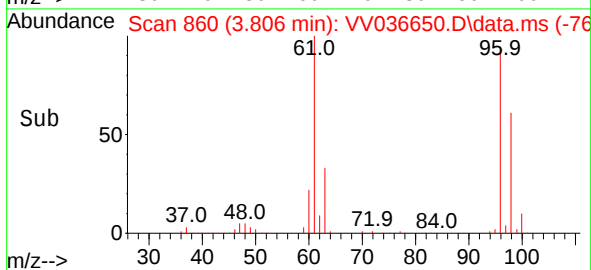
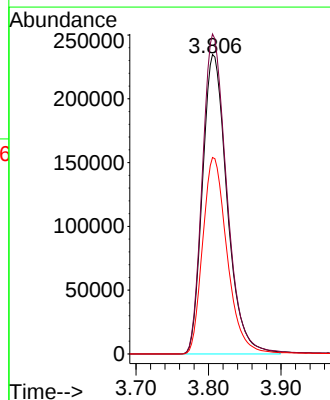
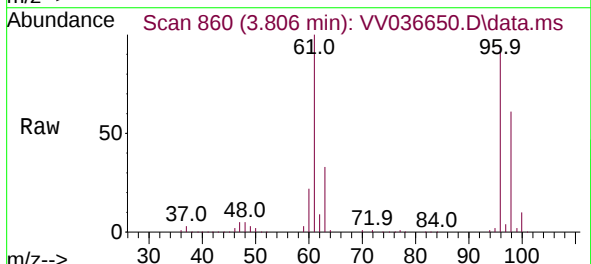
Instrument :
MSVOA_V
ClientSampleId :

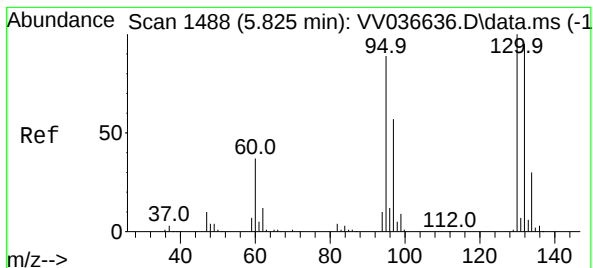
Tgt Ion: 84 Resp: 30916
Ion Ratio Lower Upper
84 100
86 62.5 47.2 87.6
49 87.9 67.3 125.1



#20
cis-1,2-Dichloroethene
Concen: 86.196 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Tgt Ion: 96 Resp: 553237
Ion Ratio Lower Upper
96 100
61 106.8 73.0 135.6
98 65.6 44.8 83.2





#34

Trichloroethene

Concen: 46.005 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036650.D

Acq: 23 Jul 2024 16:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 245896

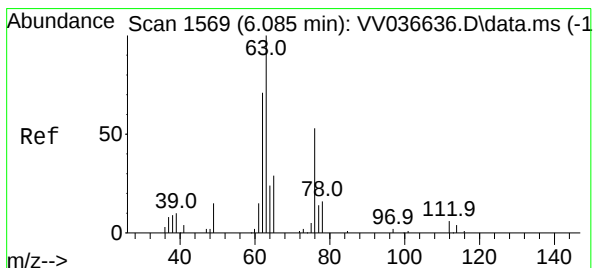
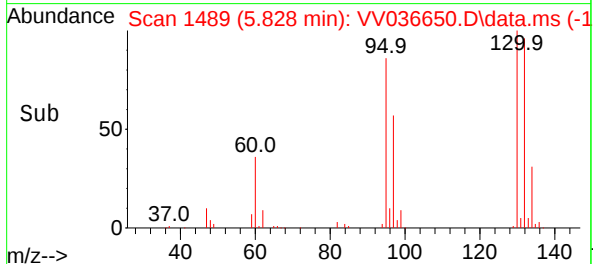
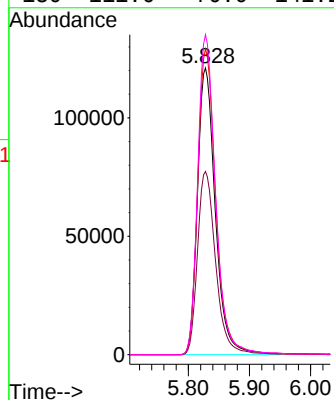
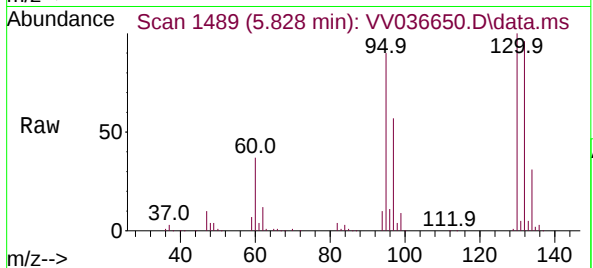
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.7

132 106.6 72.7 134.9

130 111.6 76.0 141.2



#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.264 min

Lab File: VV036650.D

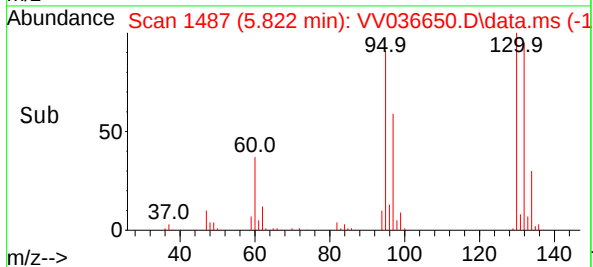
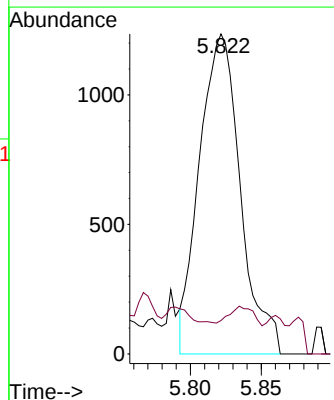
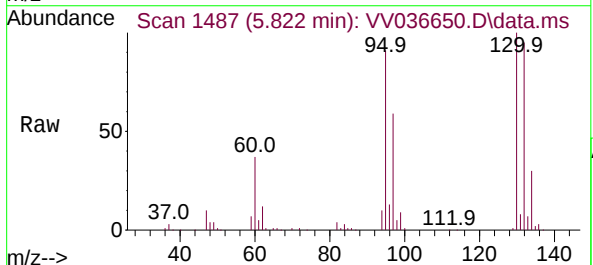
Acq: 23 Jul 2024 16:40

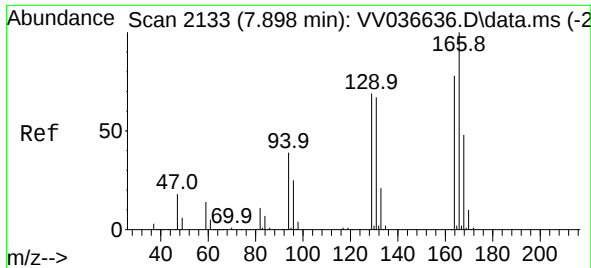
Tgt Ion: 63 Resp: 2484

Ion Ratio Lower Upper

63 100

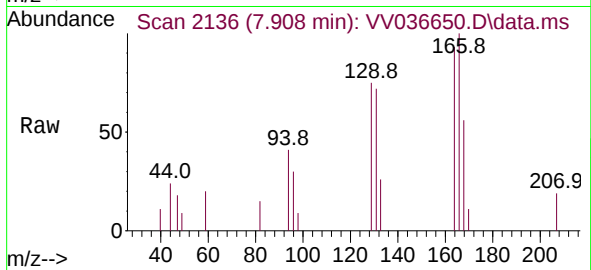
112 5.4 4.8 7.2





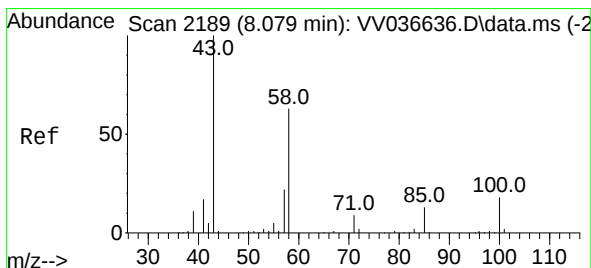
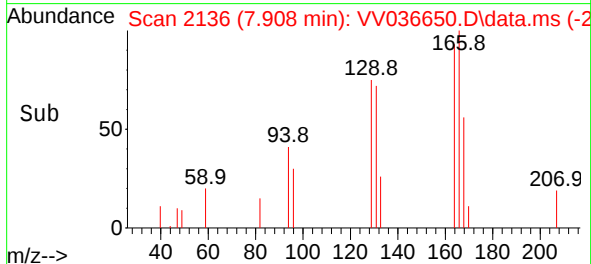
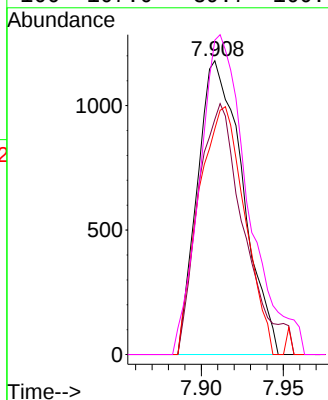
#46
Tetrachloroethene
Concen: 0.425 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 2256

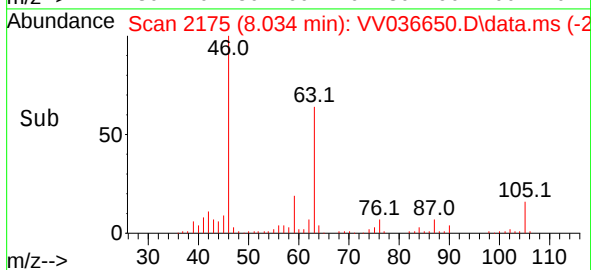
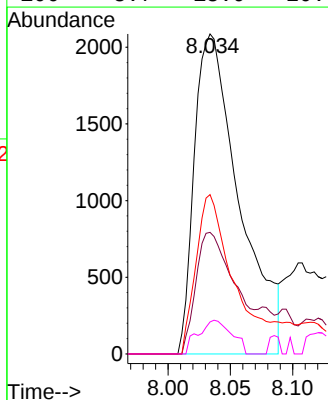
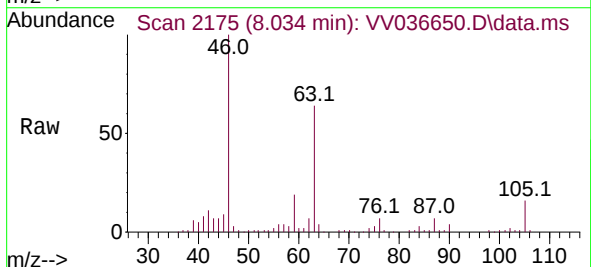
Ion	Ratio	Lower	Upper
164	100		
129	80.1	61.0	113.2
131	76.9	60.1	111.5
166	107.0	89.7	166.7

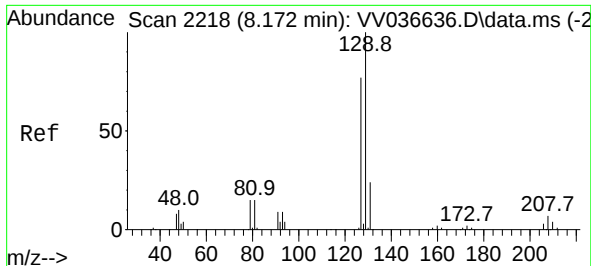


#48
2-Hexanone
Concen: 3.791 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Tgt Ion: 43 Resp: 5217

Ion	Ratio	Lower	Upper
43	100		
58	33.2	50.6	75.8#
57	41.5	17.7	26.5#
100	3.7	13.9	20.9#





#49

Dibromochloromethane

Concen: 0.414 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.260 min

Lab File: VV036650.D

Acq: 23 Jul 2024 16:40

Instrument :

MSVOA_V

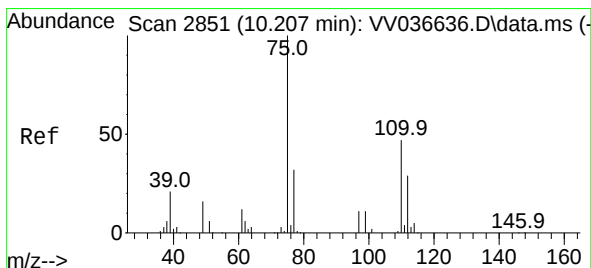
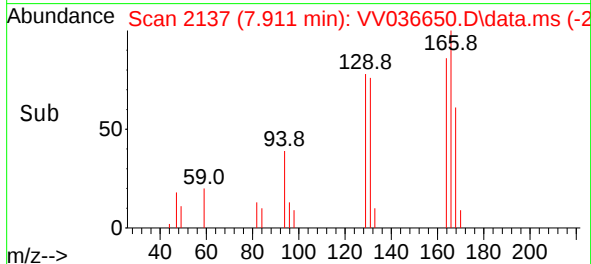
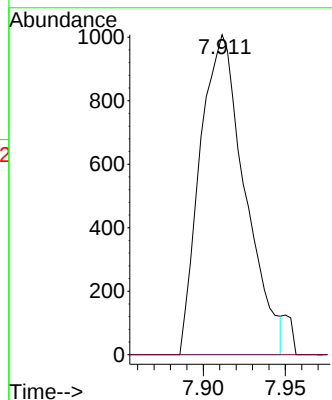
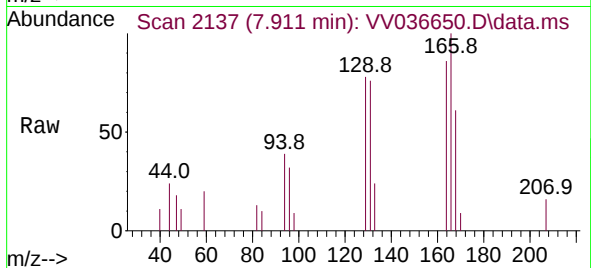
ClientSampleId :

Tgt Ion:129 Resp: 1914

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 5.278 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV036650.D

Acq: 23 Jul 2024 16:40

Tgt Ion: 75 Resp: 6247

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

110 1.1 36.2 54.4#

