

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036086.D
 Acq On : 14 Jun 2024 11:56
 Operator : SY/MD
 Sample : P2850-07
 Misc : 4.94g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

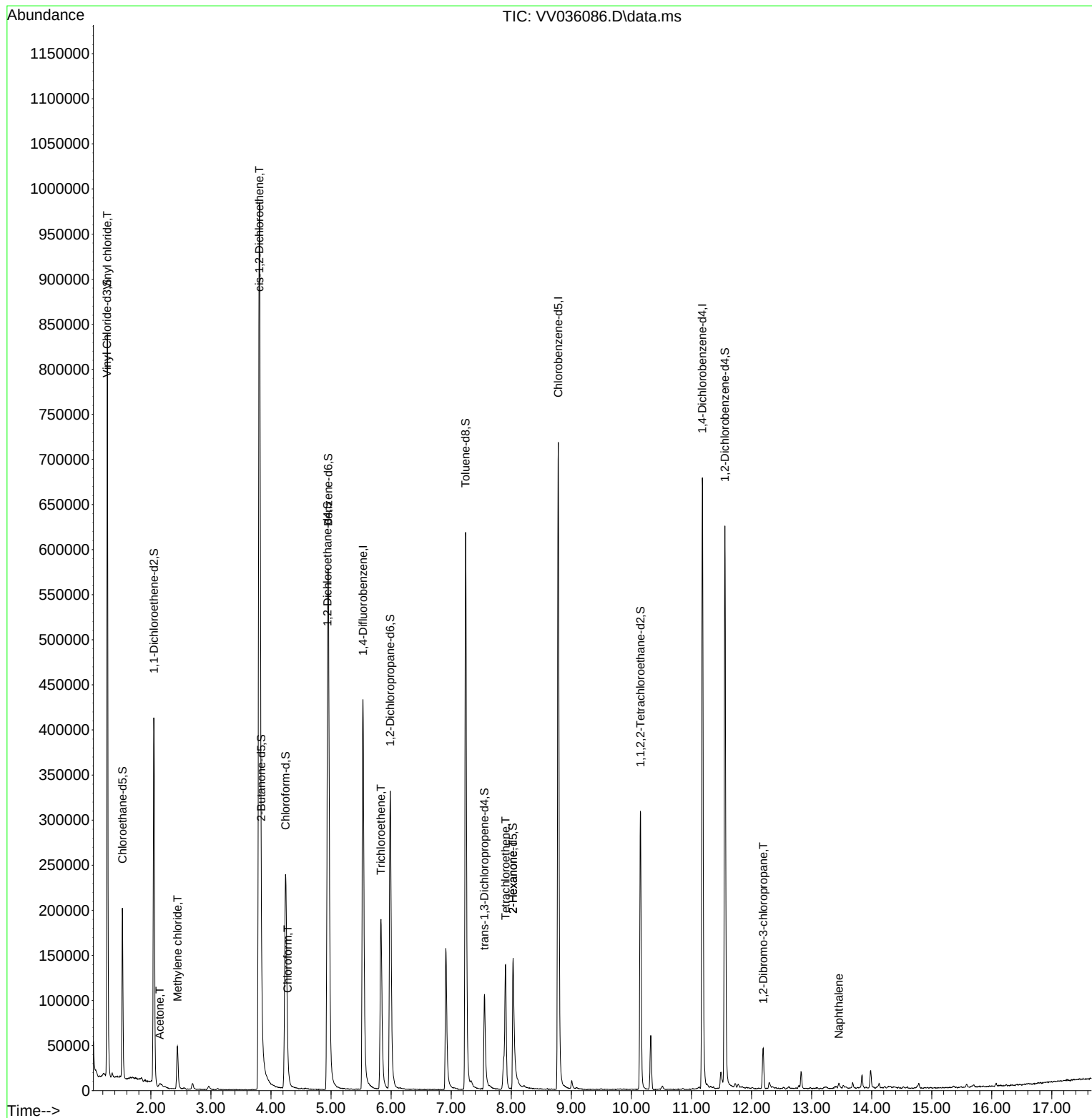
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	386807	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	405852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	182080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	164196	23.089	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.360%		
7) Chloroethane-d5	1.526	69	127754	22.530	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.120%		
11) 1,1-Dichloroethene-d2	2.050	65	71263	22.510	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.040%		
21) 2-Butanone-d5	3.838	46	59226	36.299	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.600%		
24) Chloroform-d	4.243	84	266280	21.653	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.600%		
26) 1,2-Dichloroethane-d4	4.940	65	157841	24.481	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.920%		
32) Benzene-d6	4.953	84	526061	21.806	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.240%		
36) 1,2-Dichloropropane-d6	5.985	67	175073	23.044	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.160%		
41) Toluene-d8	7.239	98	436762	20.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.080%		
43) trans-1,3-Dichloroprop...	7.554	79	69261	22.235	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.920%		
47) 2-Hexanone-d5	8.030	63	57396	55.762	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.520%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	157734	27.784	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152	161776	24.229	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.920%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	406654	48.259	ug/L	100
13) Acetone	2.146	43	4769	1.876	ug/L	77
16) Methylene chloride	2.442	84	20941	2.393	ug/L	92
20) cis-1,2-Dichloroethene	3.805	96	554035	83.798	ug/L	99
25) Chloroform	4.278	83	7088	0.550	ug/L	85
34) Trichloroethene	5.831	95	66280	8.147	ug/L	99
46) Tetrachloroethene	7.905	164	32574	5.475	ug/L	97
48) 2-Hexanone	8.030	43	7521	2.541	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.194	75	1525	1.584	ug/L #	17
71) Naphthalene	13.455	128	3992	0.339	ug/L #	92

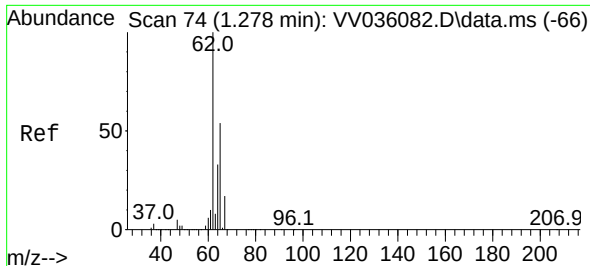
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
Data File : VV036086.D
Acq On : 14 Jun 2024 11:56
Operator : SY/MD
Sample : P2850-07
Misc : 4.94g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

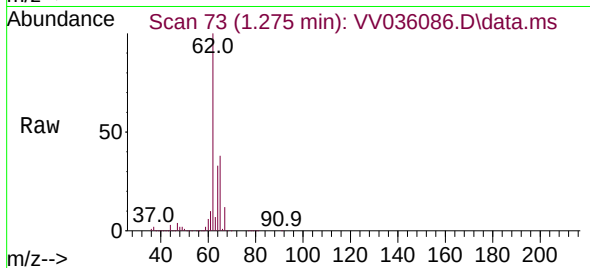
Quant Time: Jun 15 01:32:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration



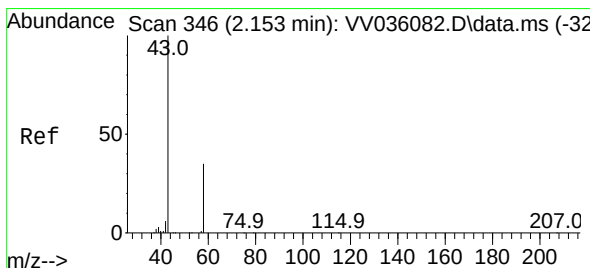
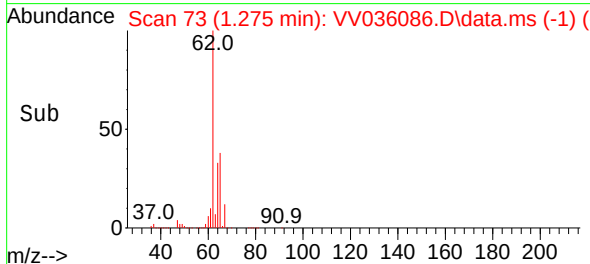
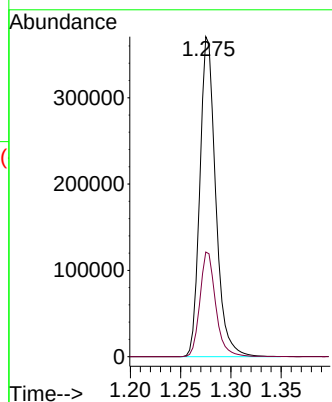


#5
 Vinyl chloride
 Concen: 48.259 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036086.D
 Acq: 14 Jun 2024 11:56

Instrument :
 MSVOA_V
 ClientSampleId :

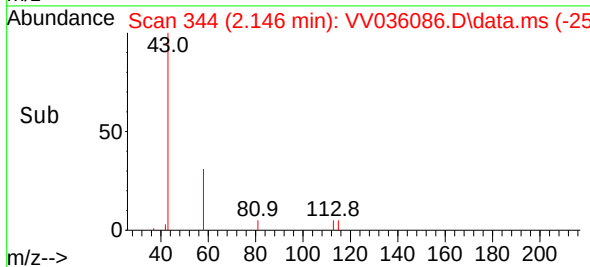
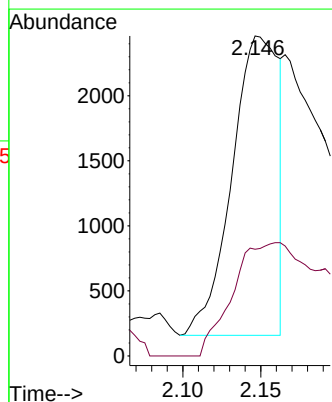
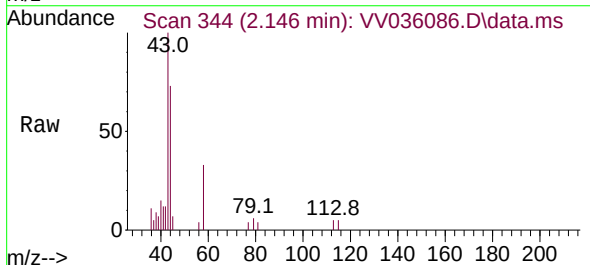


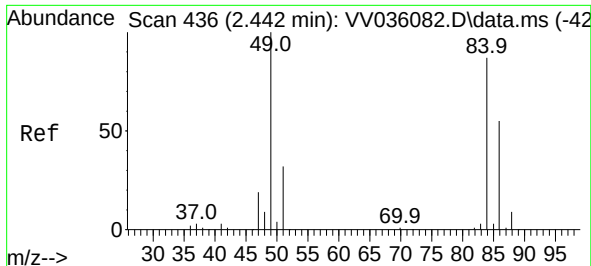
Tgt Ion: 62 Resp: 406654
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#13
 Acetone
 Concen: 1.876 ug/L
 RT: 2.146 min Scan# 344
 Delta R.T. -0.007 min
 Lab File: VV036086.D
 Acq: 14 Jun 2024 11:56

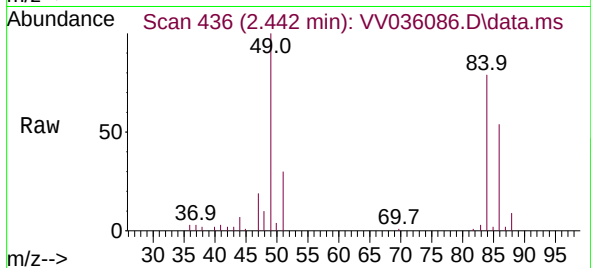
Tgt Ion: 43 Resp: 4769
 Ion Ratio Lower Upper
 43 100
 58 21.1 0.0 24.2



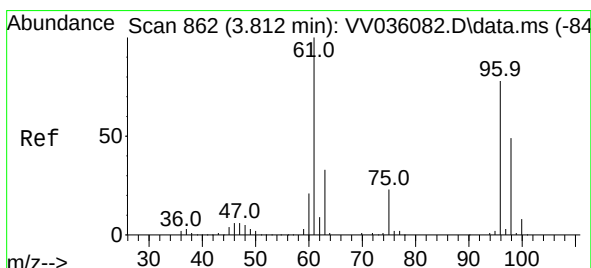
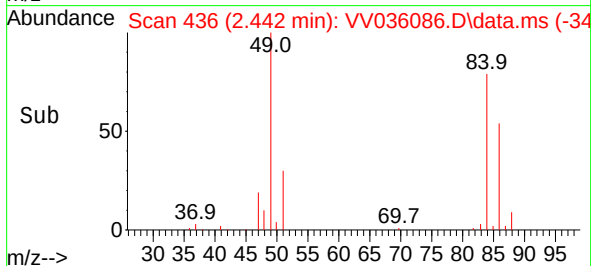
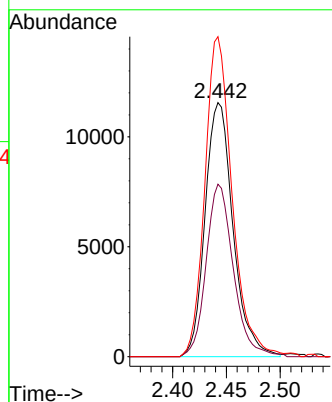


#16
Methylene chloride
Concen: 2.393 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56

Instrument :
MSVOA_V
ClientSampleId :

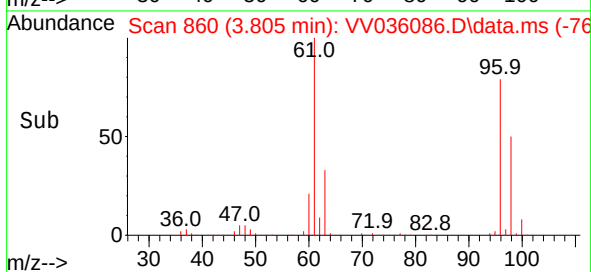
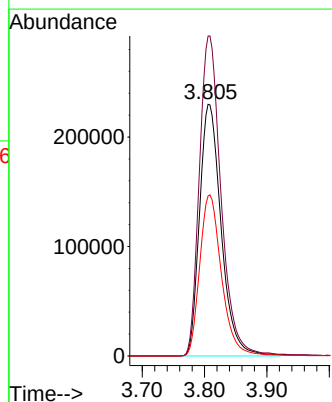
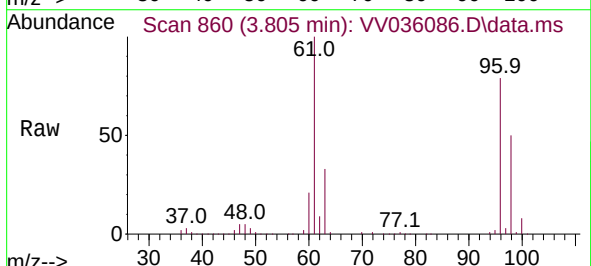


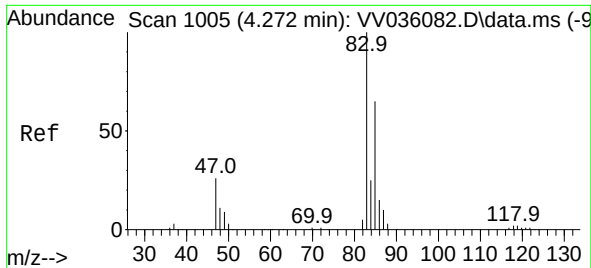
Tgt Ion: 84 Resp: 20941
Ion Ratio Lower Upper
84 100
86 67.9 44.6 82.8
49 125.9 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 83.798 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.007 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56

Tgt Ion: 96 Resp: 554035
Ion Ratio Lower Upper
96 100
61 127.1 87.9 163.3
98 63.5 44.4 82.5

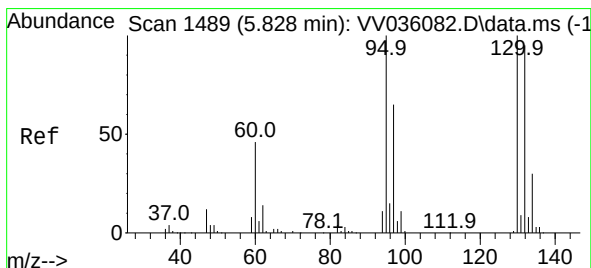
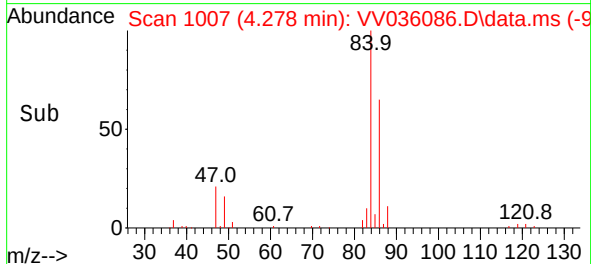
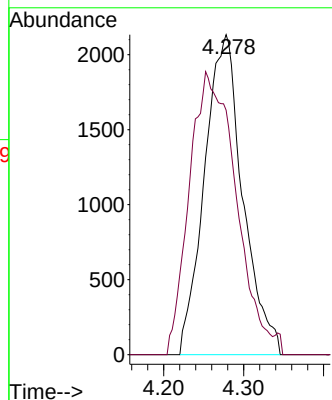
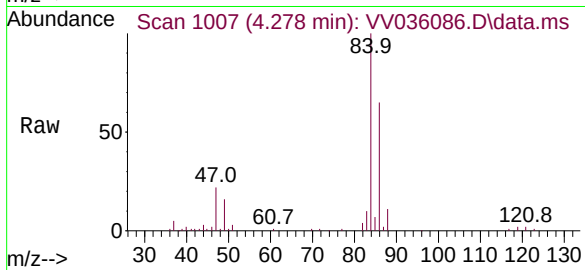




#25
Chloroform
Concen: 0.550 ug/L
RT: 4.278 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56

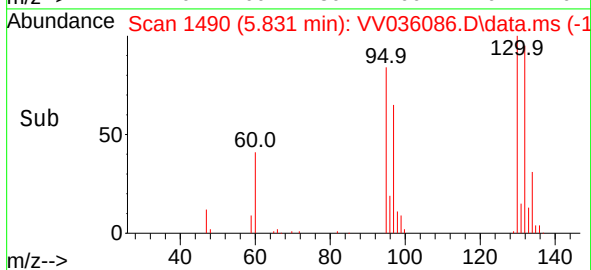
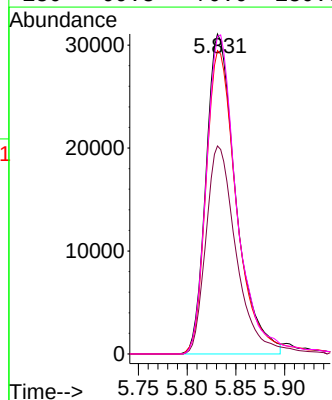
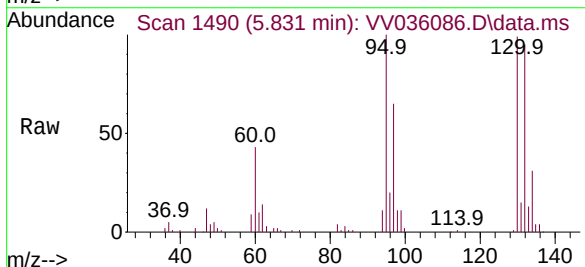
Instrument :
MSVOA_V
ClientSampleId :

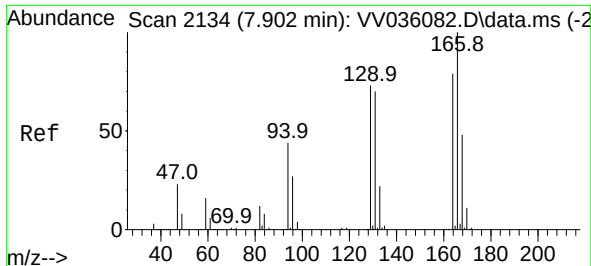
Tgt Ion: 83 Resp: 7088
Ion Ratio Lower Upper
83 100
85 76.4 45.2 84.0



#34
Trichloroethene
Concen: 8.147 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56

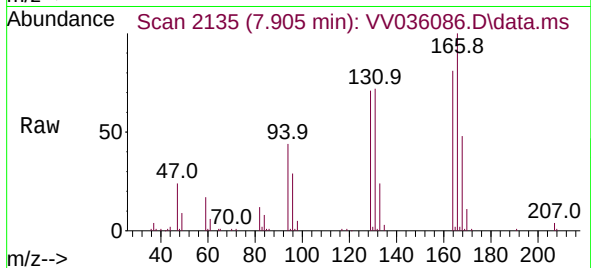
Tgt Ion: 95 Resp: 66280
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 94.8 66.8 124.2
130 99.3 70.0 130.0



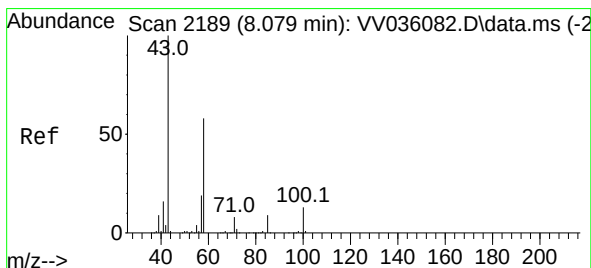
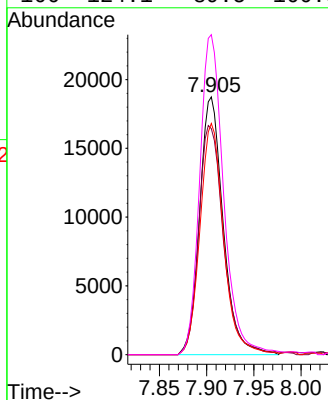
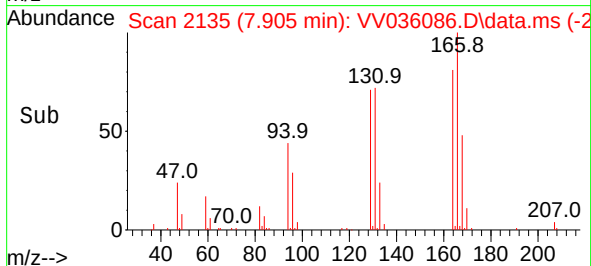


#46
Tetrachloroethene
Concen: 5.475 ug/L
RT: 7.905 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56

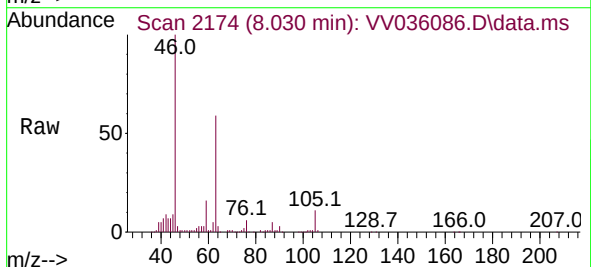
Instrument :
MSVOA_V
ClientSampleId :



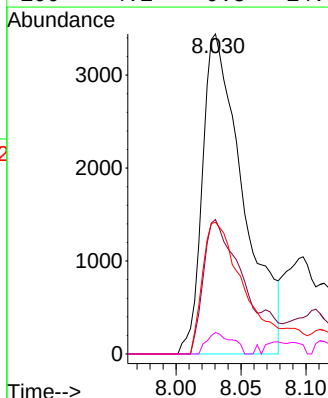
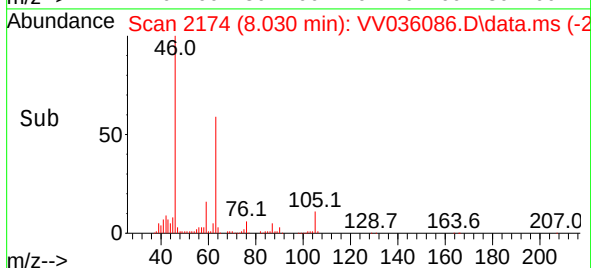
Tgt Ion:164 Resp: 32574
Ion Ratio Lower Upper
164 100
129 87.7 64.6 120.0
131 89.7 63.2 117.4
166 124.1 89.5 166.3

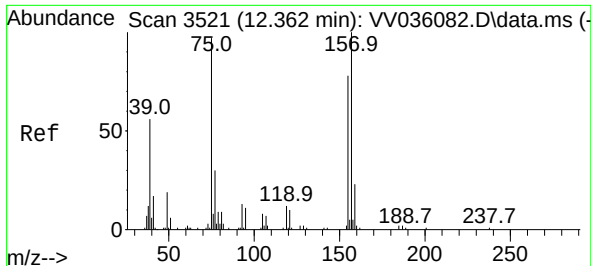


#48
2-Hexanone
Concen: 2.541 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036086.D
Acq: 14 Jun 2024 11:56



Tgt Ion: 43 Resp: 7521
Ion Ratio Lower Upper
43 100
58 37.2 45.4 68.0#
57 42.1 15.8 23.8#
100 4.1 9.8 14.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 1.584 ug/L

RT: 12.194 min Scan# 3469

Delta R.T. -0.167 min

Lab File: VV036086.D

Acq: 14 Jun 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

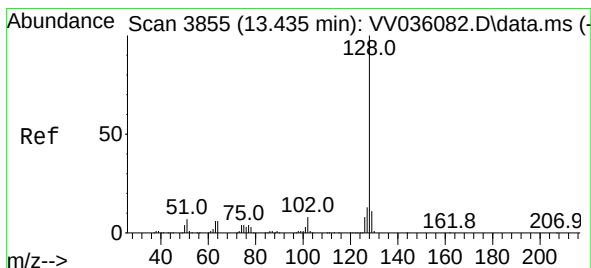
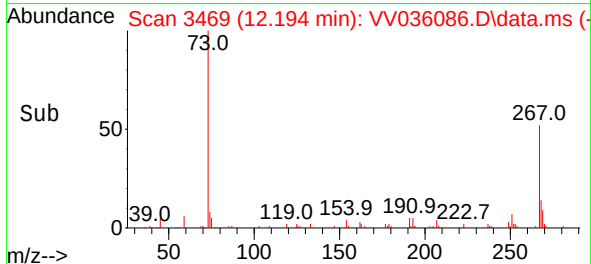
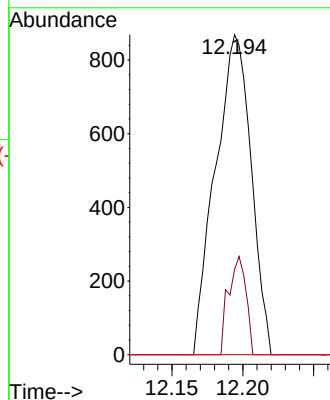
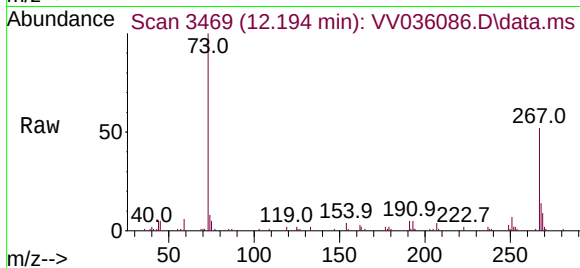
Tgt Ion: 75 Resp: 1525

Ion Ratio Lower Upper

75 100

155 26.7 63.3 94.9#

157 0.0 82.4 123.6#



#71

Naphthalene

Concen: 0.339 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV036086.D

Acq: 14 Jun 2024 11:56

Tgt Ion: 128 Resp: 3992

Ion Ratio Lower Upper

128 100

127 17.4 10.6 16.0#

129 8.6 8.8 13.2#

