

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037634.D
 Acq On : 28 Sep 2024 01:40
 Operator : SY/MD
 Sample : P4185-15
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:23:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

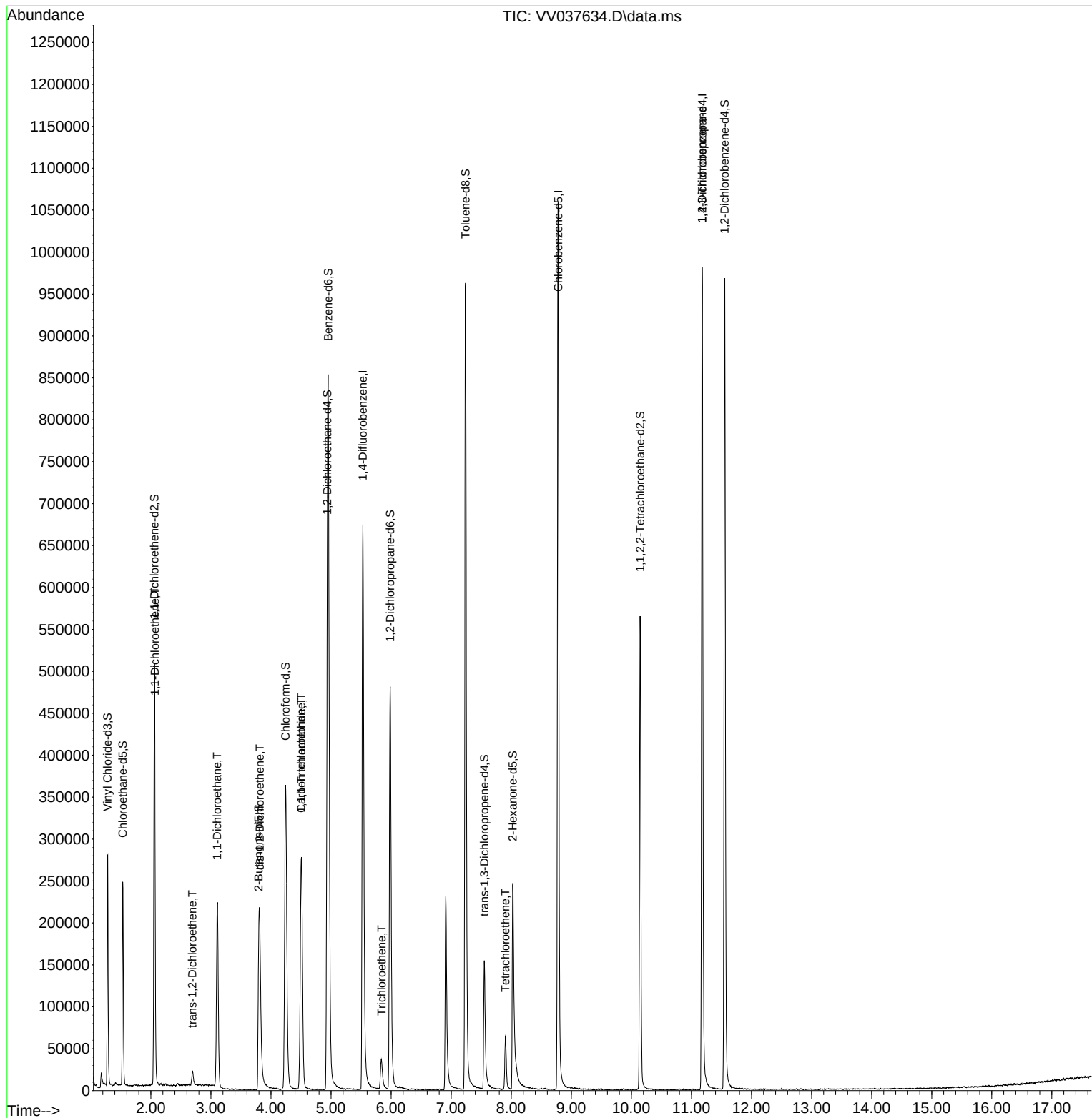
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	596826	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	582981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	261143	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182100	34.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.520%		
7) Chloroethane-d5	1.532	69	157651	38.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.540%		
11) 1,1-Dichloroethene-d2	2.059	65	83343	38.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.160%		
21) 2-Butanone-d5	3.796	46	146225	78.359	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.360%		
24) Chloroform-d	4.243	84	388252	41.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.300%		
26) 1,2-Dichloroethane-d4	4.937	65	235036	43.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.160%		
32) Benzene-d6	4.953	84	757138	41.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.000%		
36) 1,2-Dichloropropane-d6	5.985	67	248740	42.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.640%		
41) Toluene-d8	7.239	98	658012	39.779	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.560%#		
43) trans-1,3-Dichloroprop...	7.551	79	98118	36.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.720%		
47) 2-Hexanone-d5	8.024	63	84700	69.051	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.050%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	273896	40.579	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.160%		
66) 1,2-Dichlorobenzene-d4	11.554	152	254196	46.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.380%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	5536	1.393	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	5792	1.378	ug/L	94
19) 1,1-Dichloroethane	3.104	63	218747	27.161	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	88704	18.858	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	233871	32.572	ug/L	99
31) Carbon tetrachloride	4.506	117	30755	4.927	ug/L	97
34) Trichloroethene	5.841	95	12817	2.737	ug/L	93
46) Tetrachloroethene	7.902	164	15071	4.210	ug/L	94
61) 1,2,3-Trichloropropane	11.178	75	31162	8.386	ug/L #	66

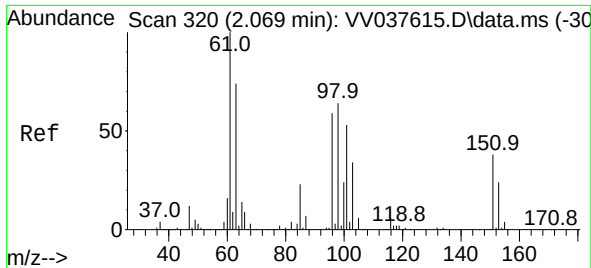
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037634.D
Acq On : 28 Sep 2024 01:40
Operator : SY/MD
Sample : P4185-15
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

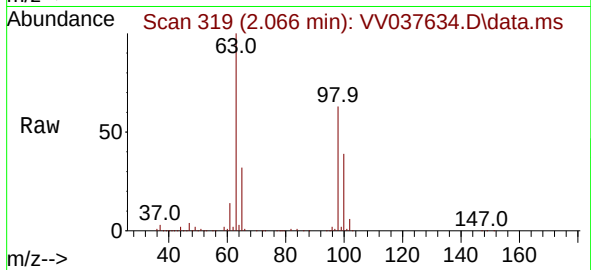
Quant Time: Sep 28 04:23:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration



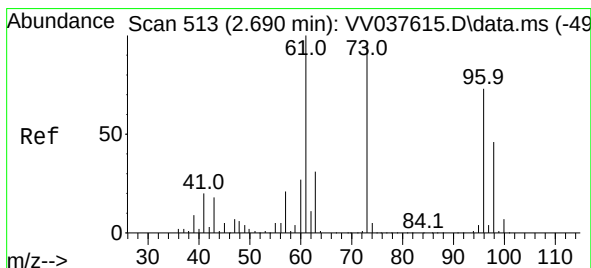
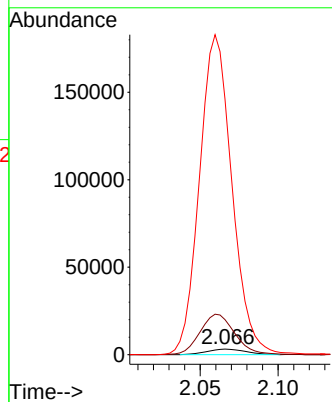
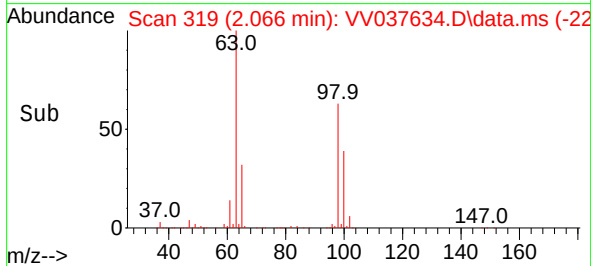


#12
1,1-Dichloroethene
Concen: 1.393 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037634.D
Acq: 28 Sep 2024 01:40

Instrument :
MSVOA_V
ClientSampleId :

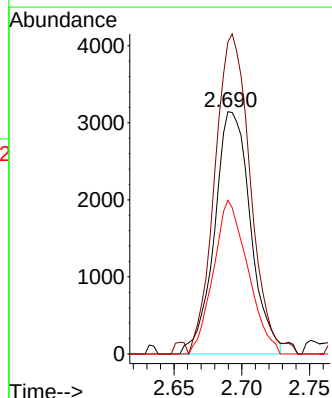
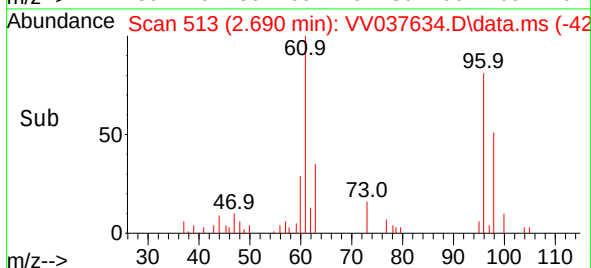
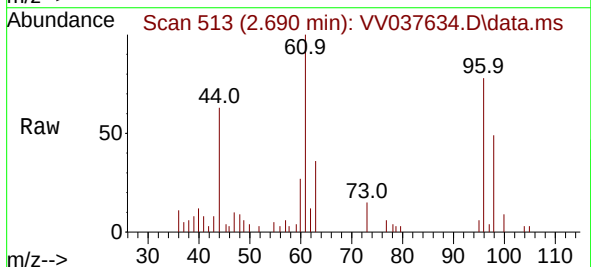


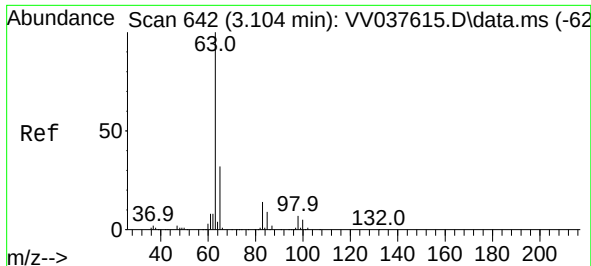
Tgt Ion: 96 Resp: 5536
Ion Ratio Lower Upper
96 100
61 620.3 122.6 227.6#
63 4530.0 118.0 219.2#



#17
trans-1,2-Dichloroethene
Concen: 1.378 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037634.D
Acq: 28 Sep 2024 01:40

Tgt Ion: 96 Resp: 5792
Ion Ratio Lower Upper
96 100
61 128.8 97.3 180.7
98 63.4 43.9 81.5

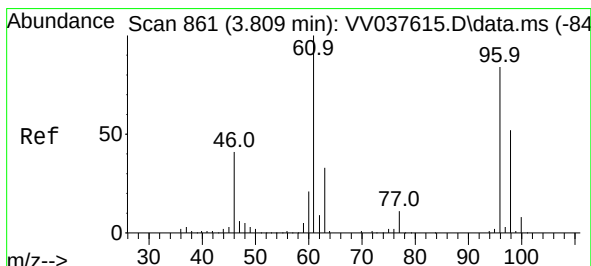
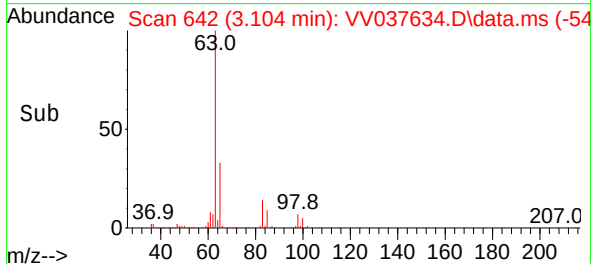
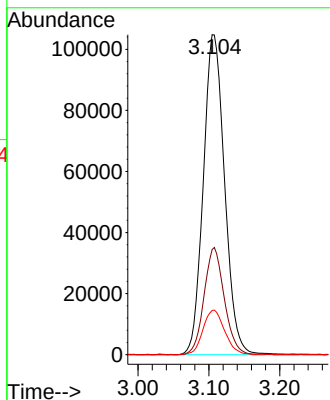
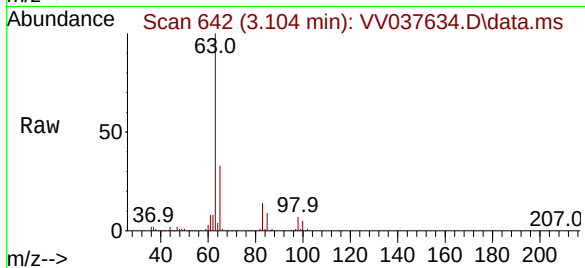




#19
1,1-Dichloroethane
Concen: 27.161 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037634.D
Acq: 28 Sep 2024 01:40

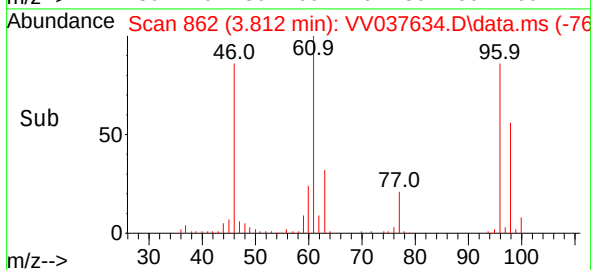
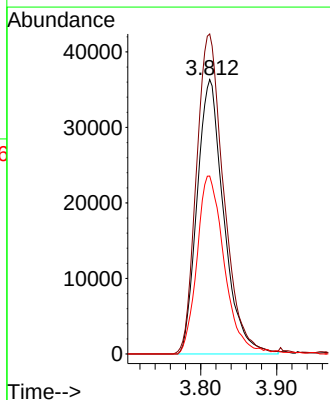
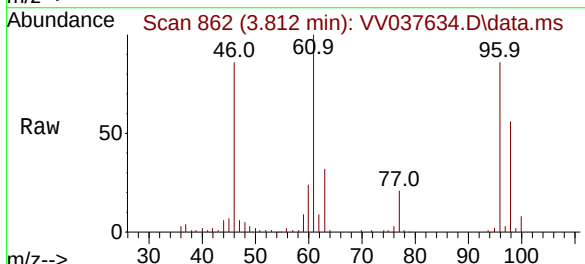
Instrument :
MSVOA_V
ClientSampleId :

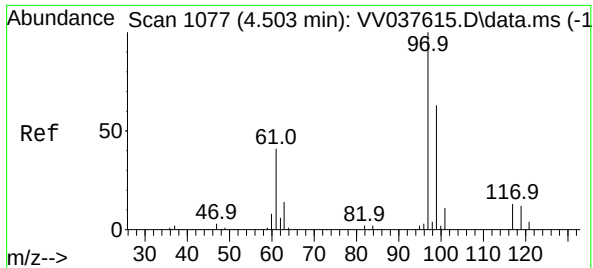
Tgt Ion: 63 Resp: 218747
Ion Ratio Lower Upper
63 100
65 32.9 22.4 41.6
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 18.858 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037634.D
Acq: 28 Sep 2024 01:40

Tgt Ion: 96 Resp: 88704
Ion Ratio Lower Upper
96 100
61 116.6 85.0 157.8
98 64.8 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 32.572 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037634.D

Acq: 28 Sep 2024 01:40

Instrument :

MSVOA_V

ClientSampleId :

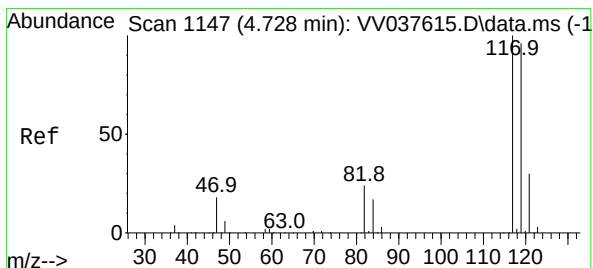
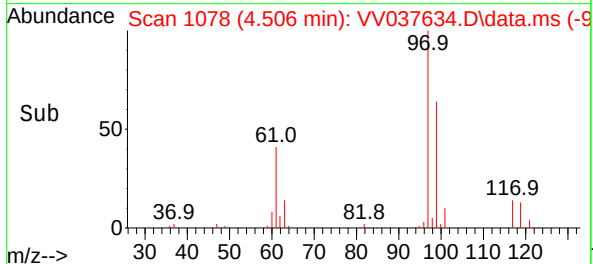
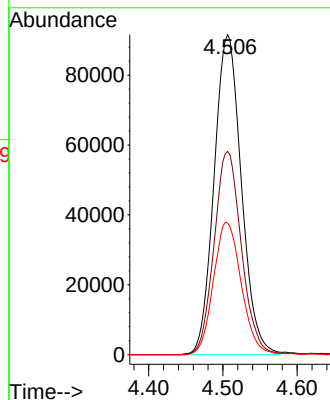
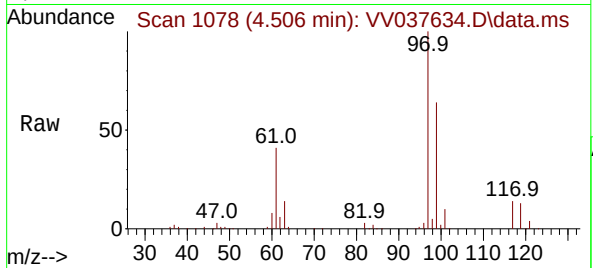
Tgt Ion: 97 Resp: 233871

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 42.2 33.6 50.4



#31

Carbon tetrachloride

Concen: 4.927 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.222 min

Lab File: VV037634.D

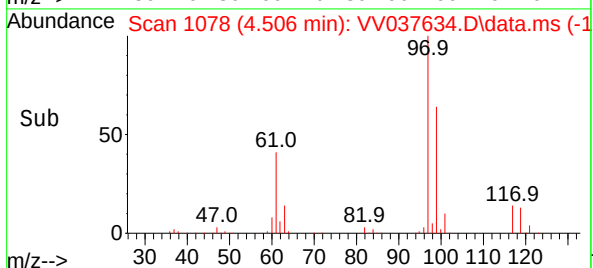
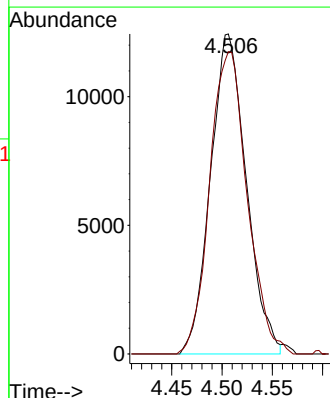
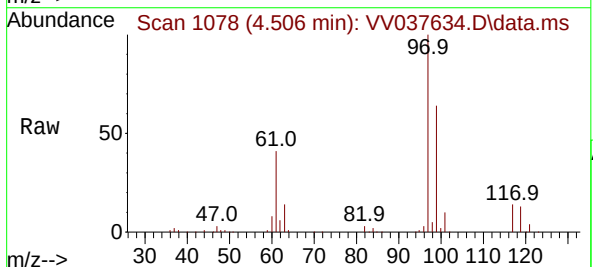
Acq: 28 Sep 2024 01:40

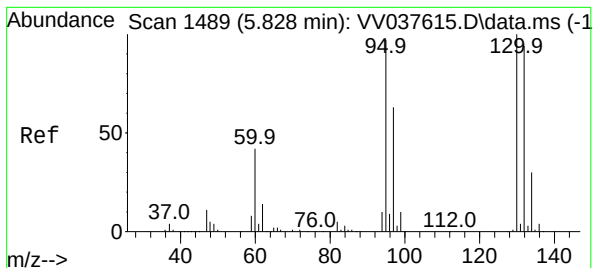
Tgt Ion:117 Resp: 30755

Ion Ratio Lower Upper

117 100

119 99.1 76.9 115.3





#34

Trichloroethene

Concen: 2.737 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037634.D

Acq: 28 Sep 2024 01:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 12817

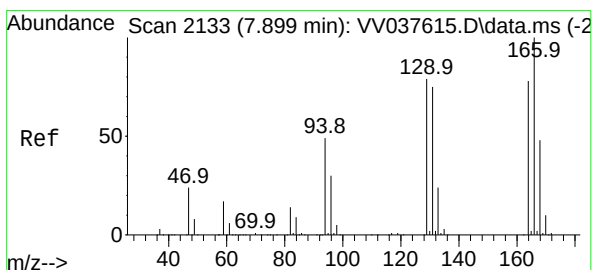
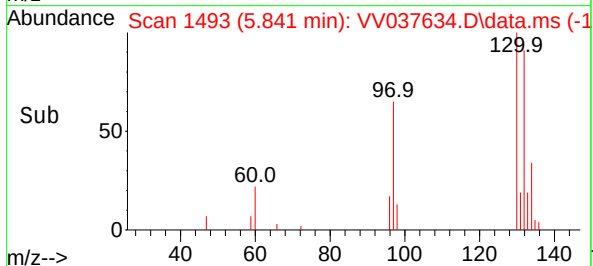
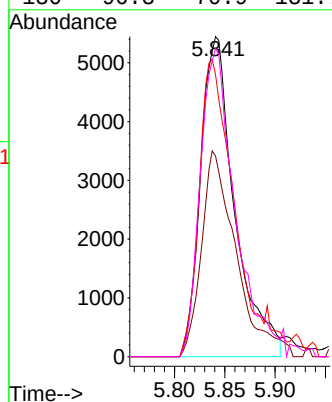
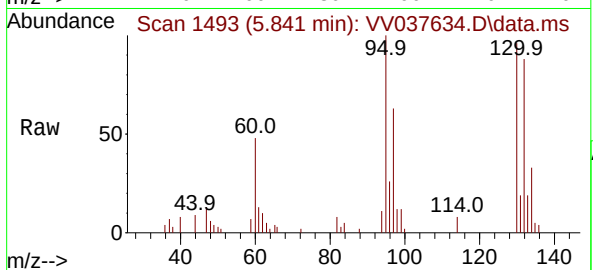
Ion Ratio Lower Upper

95 100

97 62.6 46.3 85.9

132 88.1 68.6 127.4

130 96.3 70.9 131.7



#46

Tetrachloroethene

Concen: 4.210 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037634.D

Acq: 28 Sep 2024 01:40

Tgt Ion:164 Resp: 15071

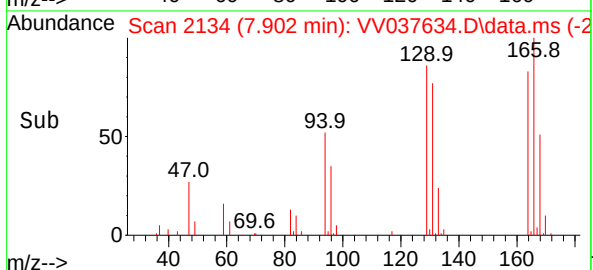
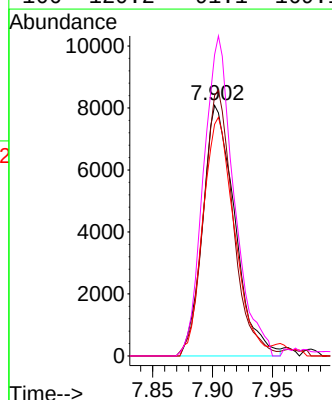
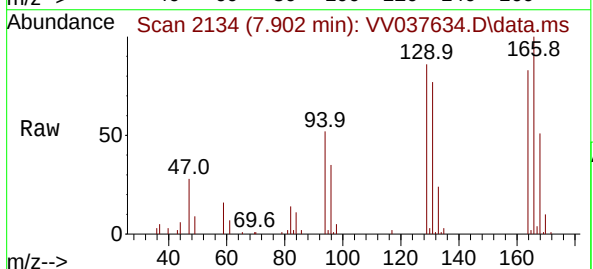
Ion Ratio Lower Upper

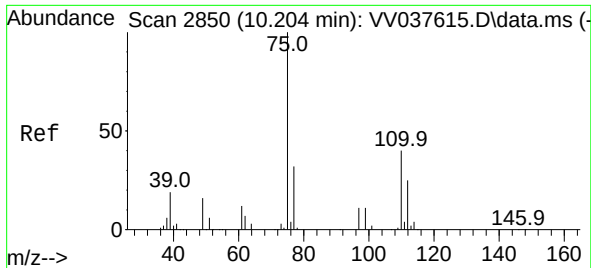
164 100

129 104.0 68.2 126.6

131 92.5 66.1 122.8

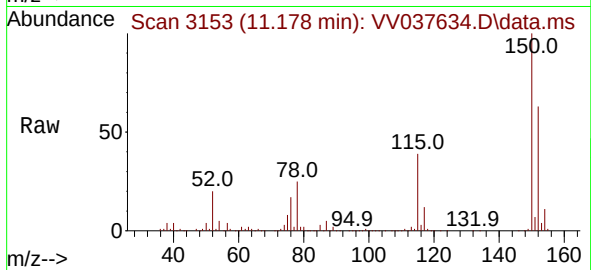
166 120.2 91.1 169.1





#61
 1,2,3-Trichloropropane
 Concen: 8.386 ug/L
 RT: 11.178 min Scan# 311
 Delta R.T. 0.974 min
 Lab File: VV037634.D
 Acq: 28 Sep 2024 01:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0
110	2.6	31.7	47.5#

