

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036657.D
 Acq On : 23 Jul 2024 19:21
 Operator : SY/MD
 Sample : P3276-15
 Misc : 8.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:03:42 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)

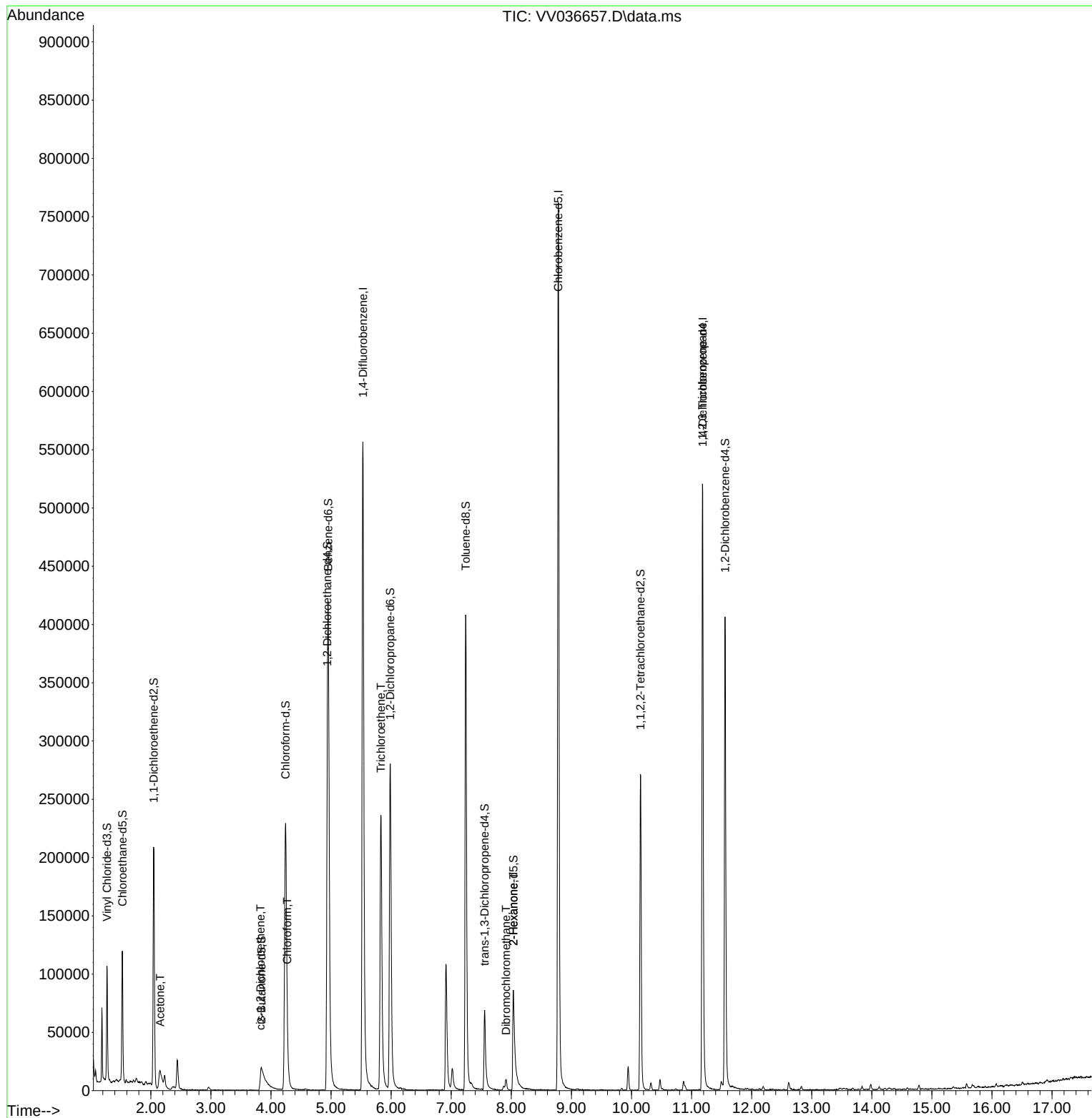
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	532385	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	467580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	64395	11.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.160%
7) Chloroethane-d5	1.526	69	76343	14.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.000%
11) 1,1-Dichloroethene-d2	2.047	65	34031	11.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.160%#
21) 2-Butanone-d5	3.841	46	30232	22.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.440%
24) Chloroform-d	4.243	84	257169	18.265	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	4.937	65	143875	20.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.840%
32) Benzene-d6	4.953	84	370002	16.696	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.800%
36) 1,2-Dichloropropane-d6	5.982	67	135115	21.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.240	98	297287	14.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.240%
43) trans-1,3-Dichloroprop...	7.555	79	45272	16.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.520%
47) 2-Hexanone-d5	8.034	63	31876	37.933	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.860%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	128833	23.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	114543	21.600	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	34175	15.460	ug/L	90
20) cis-1,2-Dichloroethene	3.825	96	5359	0.619	ug/L	96
25) Chloroform	4.272	83	7934	0.505	ug/L	86
34) Trichloroethene	5.831	95	82054	9.443	ug/L	95
48) 2-Hexanone	8.034	43	2745	1.227	ug/L #	69
49) Dibromochloromethane	7.912	129	2319	0.309	ug/L #	11
61) 1,2,3-Trichloropropane	11.182	75	13900	5.190	ug/L #	60

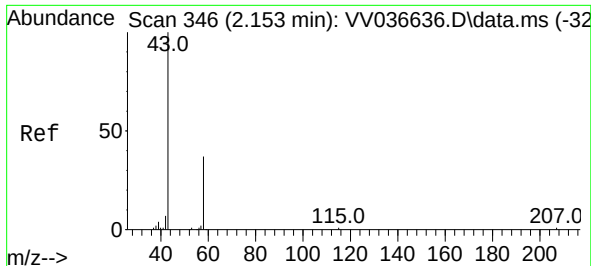
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036657.D
Acq On : 23 Jul 2024 19:21
Operator : SY/MD
Sample : P3276-15
Misc : 8.67g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 24 01:03:42 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

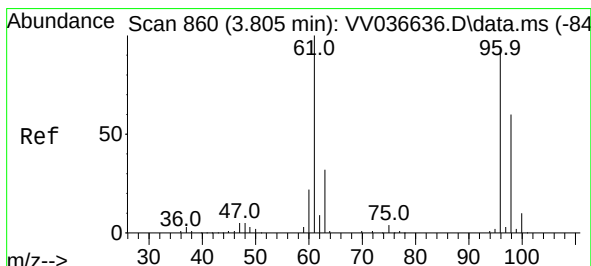
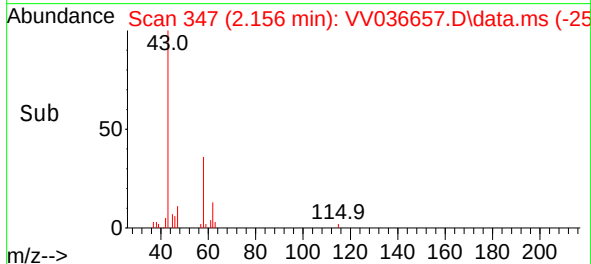
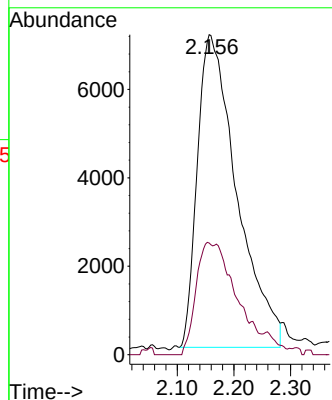
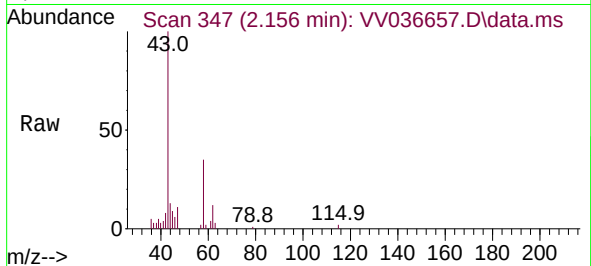




#13
Acetone
Concen: 15.460 ug/L
RT: 2.156 min Scan# 346
Delta R.T. 0.003 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

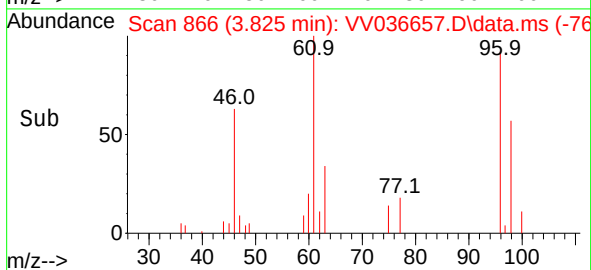
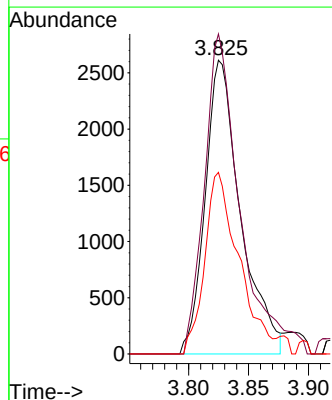
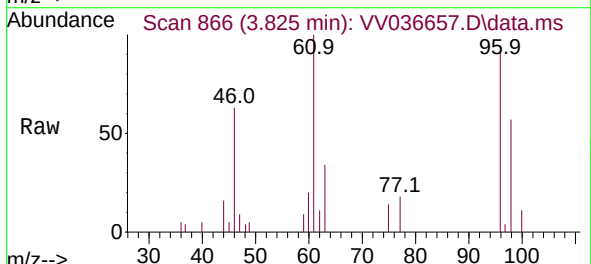
Instrument :
MSVOA_V
ClientSampleId :

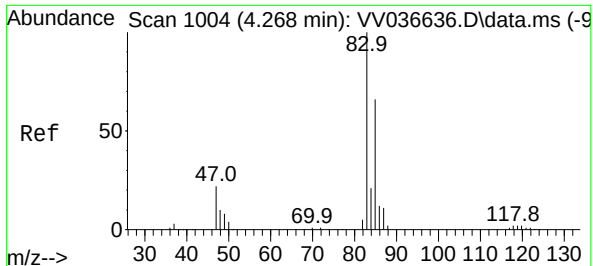
Tgt Ion: 43 Resp: 34175
Ion Ratio Lower Upper
43 100
58 15.2 0.0 23.0



#20
cis-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.020 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

Tgt Ion: 96 Resp: 5359
Ion Ratio Lower Upper
96 100
61 109.0 73.0 135.6
98 61.9 44.8 83.2

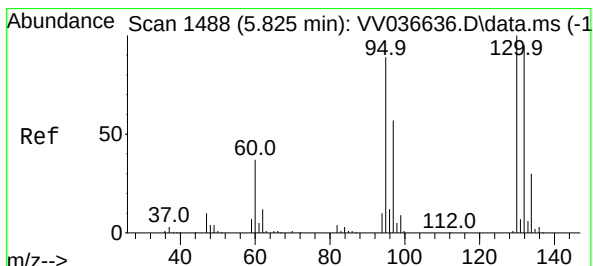
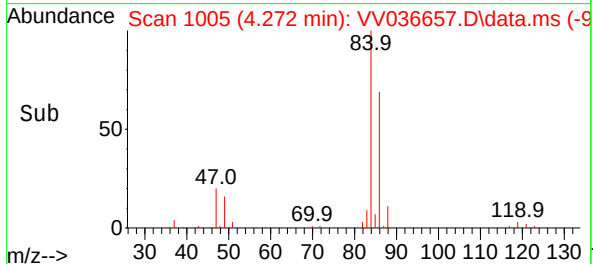
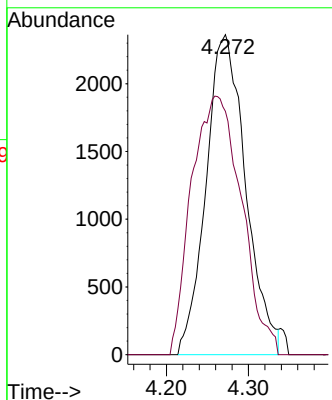
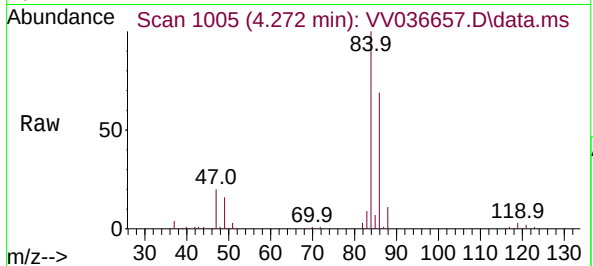




#25
Chloroform
Concen: 0.505 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

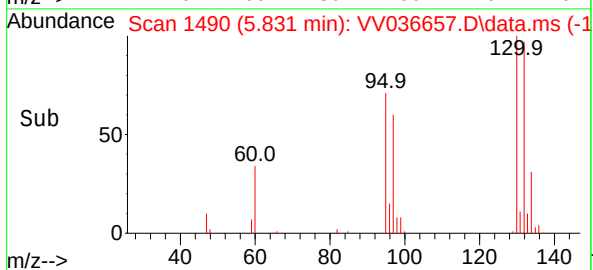
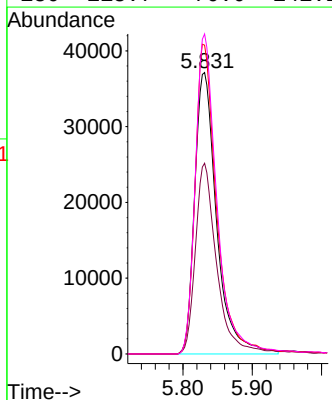
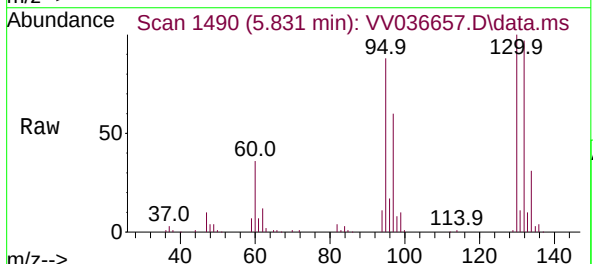
Instrument :
MSVOA_V
ClientSampleId :

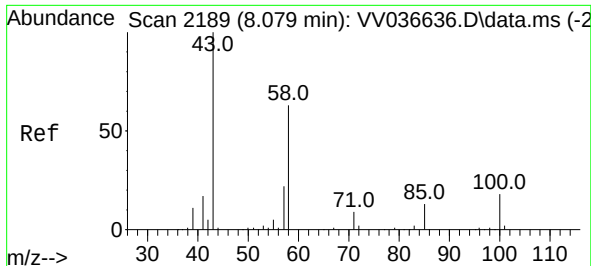
Tgt Ion: 83 Resp: 7934
Ion Ratio Lower Upper
83 100
85 76.0 45.6 84.6



#34
Trichloroethene
Concen: 9.443 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.007 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

Tgt Ion: 95 Resp: 82054
Ion Ratio Lower Upper
95 100
97 67.8 45.1 83.7
132 109.7 72.7 134.9
130 113.7 76.0 141.2

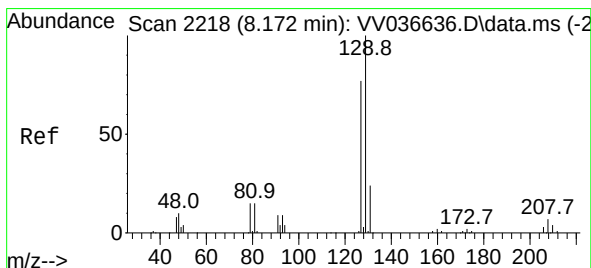
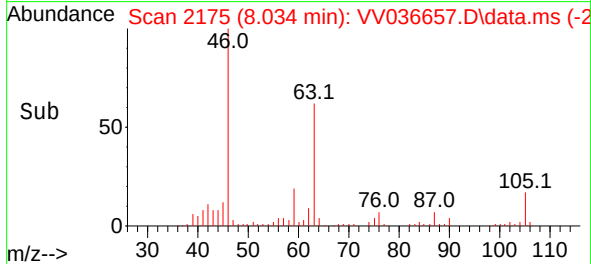
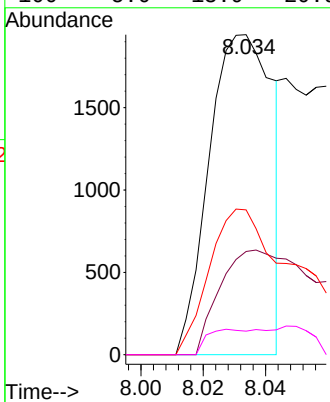
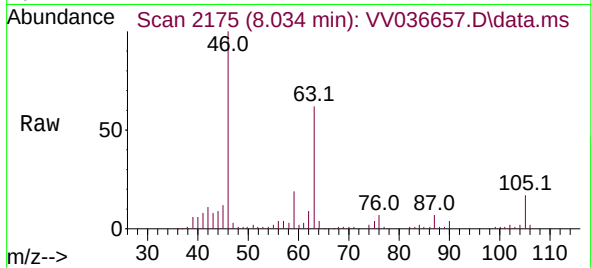




#48
2-Hexanone
Concen: 1.227 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

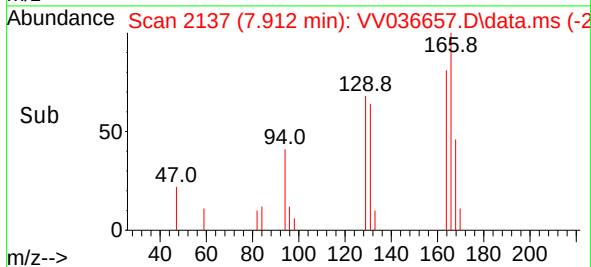
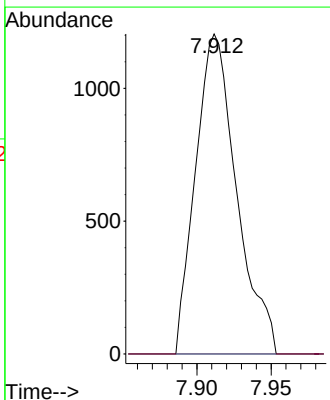
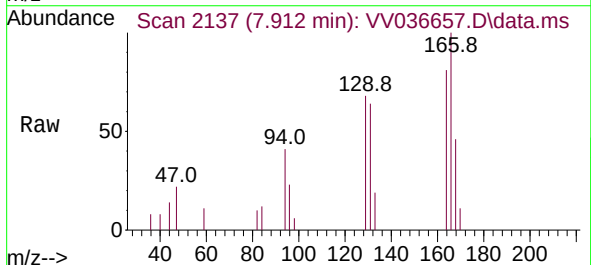
Instrument :
MSVOA_V
ClientSampleId :

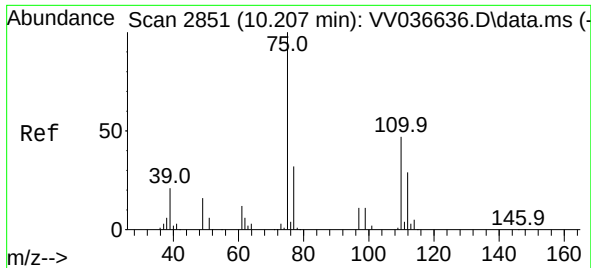
Tgt Ion: 43	Resp: 2745
Ion Ratio	Lower Upper
43 100	
58 43.2	50.6 75.8#
57 46.1	17.7 26.5#
100 5.0	13.9 20.9#



#49
Dibromochloromethane
Concen: 0.309 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.260 min
Lab File: VV036657.D
Acq: 23 Jul 2024 19:21

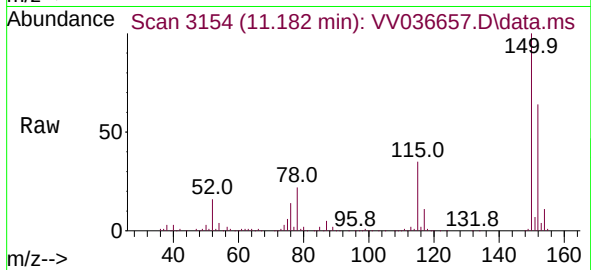
Tgt Ion:129	Resp:	2319	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.190 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.974 min
 Lab File: VV036657.D
 Acq: 23 Jul 2024 19:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	13900
Ion Ratio	Lower	Upper
75	100	
77	36.1	25.9 38.9
110	2.9	36.2 54.4#

