

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036658.D
 Acq On : 23 Jul 2024 19:44
 Operator : SY/MD
 Sample : P3276-16
 Misc : 6.44g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:03:58 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)

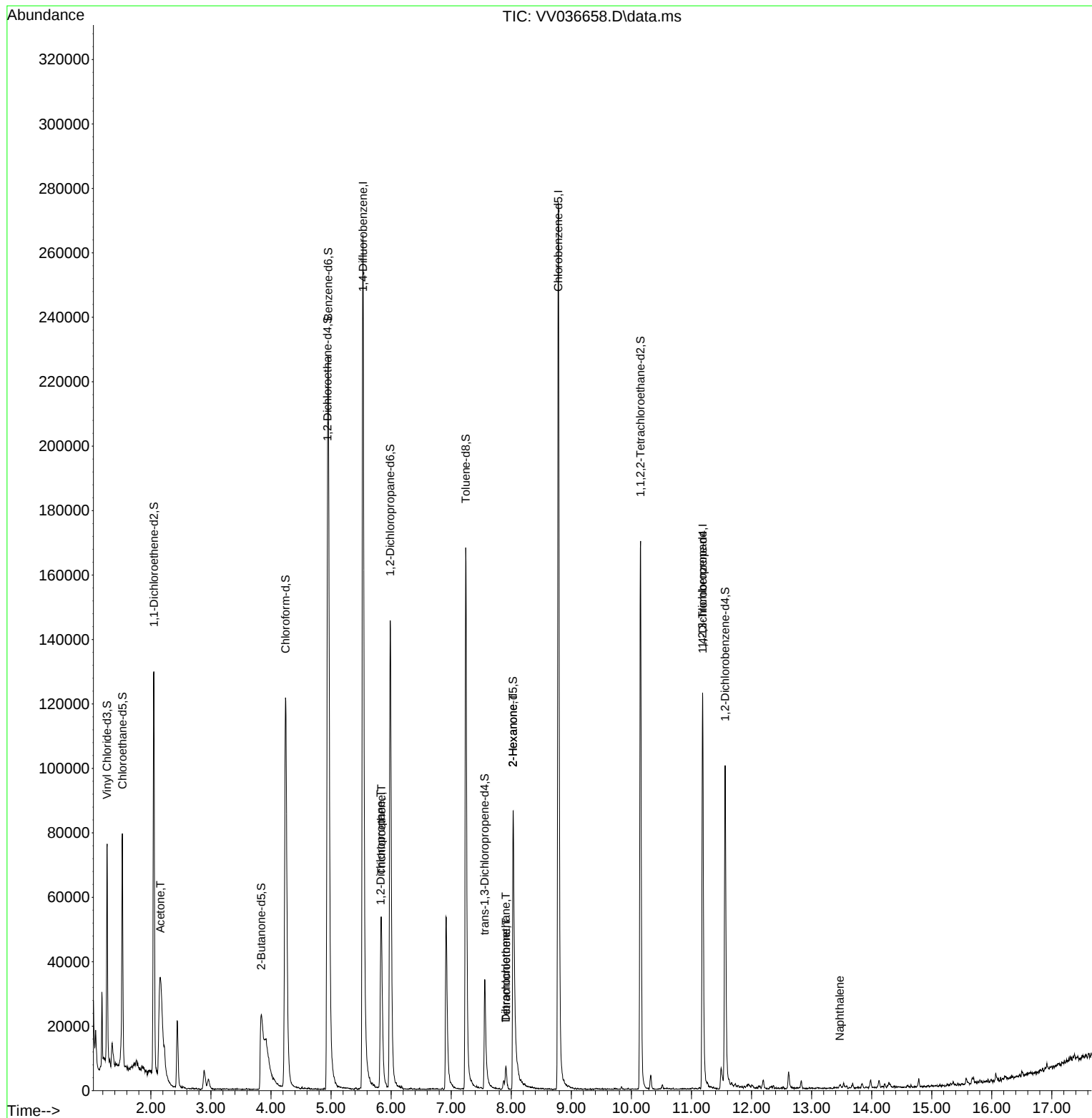
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	263441	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	175518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	43062	14.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.680%
7) Chloroethane-d5	1.526	69	47080	18.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
11) 1,1-Dichloroethene-d2	2.050	65	20594	13.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.000%
21) 2-Butanone-d5	3.838	46	57515	85.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.820%#
24) Chloroform-d	4.243	84	140489	20.164	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.640%
26) 1,2-Dichloroethane-d4	4.941	65	84831	24.680	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.720%
32) Benzene-d6	4.953	84	193054	23.208	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	5.986	67	71584	30.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.800%#
41) Toluene-d8	7.243	98	125152	15.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.080%
43) trans-1,3-Dichloroprop...	7.558	79	24509	23.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	8.031	63	34909	110.668	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	221.340%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	80764	39.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.360%#
66) 1,2-Dichlorobenzene-d4	11.561	152	30398	23.193	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	91434	83.589	ug/L	95
34) Trichloroethene	5.838	95	19394	5.946	ug/L	99
37) 1,2-Dichloropropane	5.825	63	1028	0.448	ug/L	100
46) Tetrachloroethene	7.912	164	2043	0.631	ug/L	92
48) 2-Hexanone	8.031	43	3599	4.285	ug/L #	65
49) Dibromochloromethane	7.908	129	1722	0.611	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	3402	5.140	ug/L #	57
71) Naphthalene	13.471	128	870	0.355	ug/L #	69

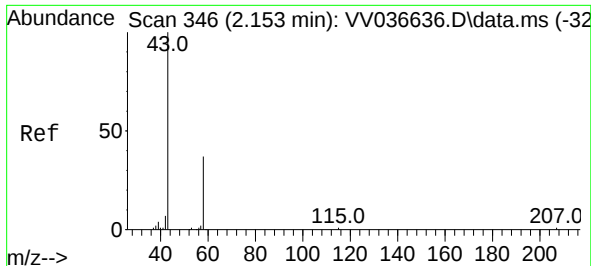
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 83.589 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.007 min

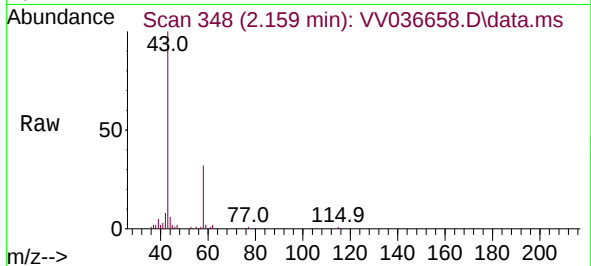
Lab File: VV036658.D

Acq: 23 Jul 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

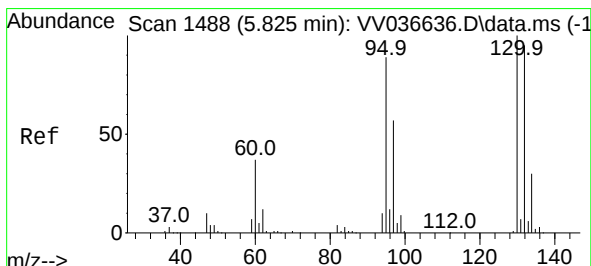
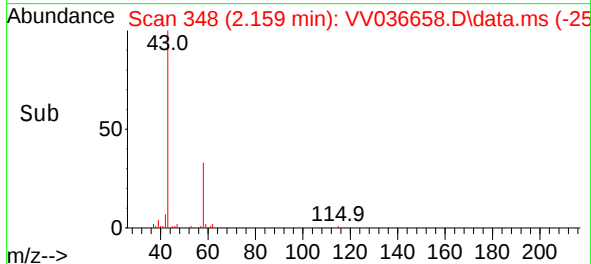
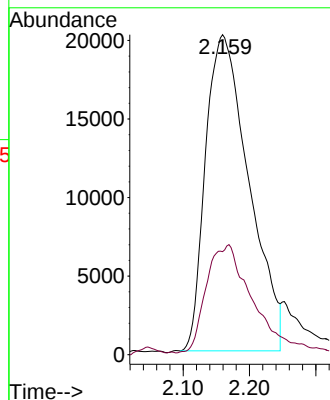


Tgt Ion: 43 Resp: 91434

Ion Ratio Lower Upper

43 100

58 13.6 0.0 23.0



#34

Trichloroethene

Concen: 5.946 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.013 min

Lab File: VV036658.D

Acq: 23 Jul 2024 19:44

Tgt Ion: 95 Resp: 19394

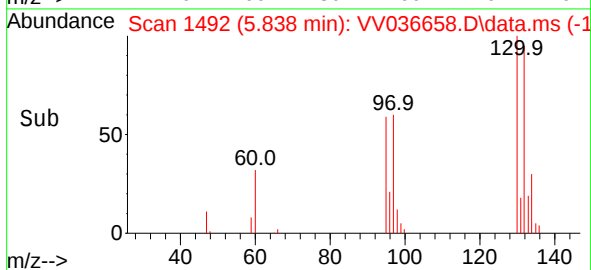
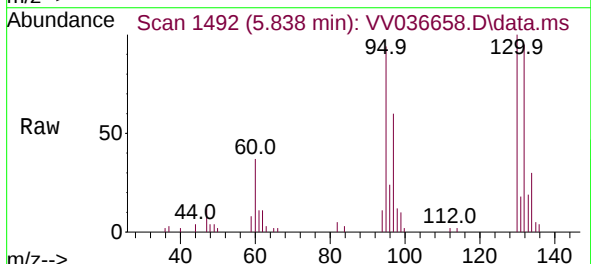
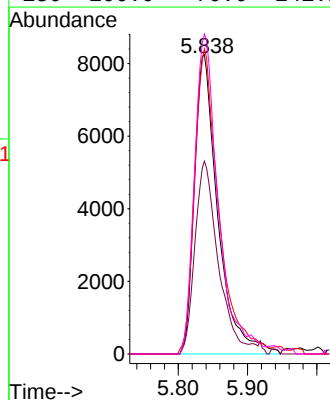
Ion Ratio Lower Upper

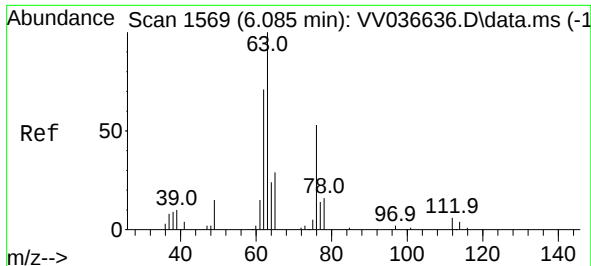
95 100

97 64.4 45.1 83.7

132 101.9 72.7 134.9

130 106.9 76.0 141.2

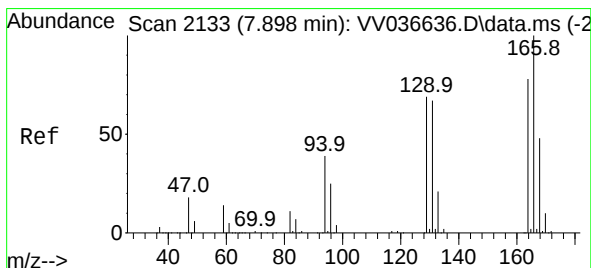
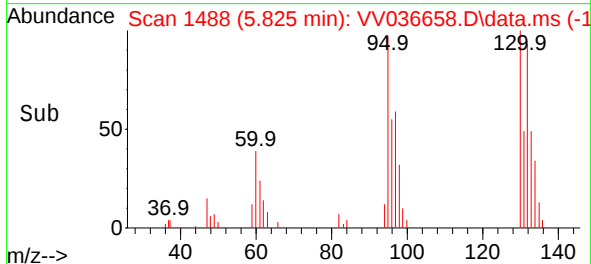
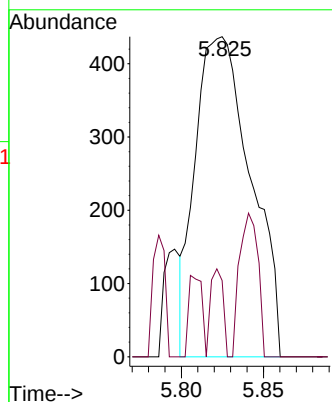
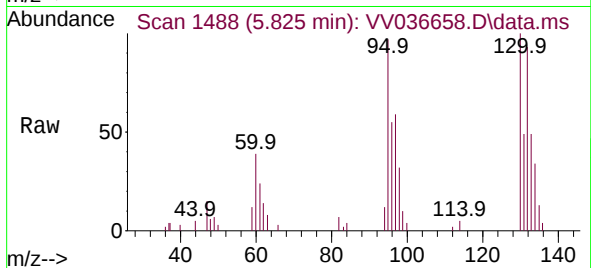




#37
1,2-Dichloropropane
Concen: 0.448 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.260 min
Lab File: VV036658.D
Acq: 23 Jul 2024 19:44

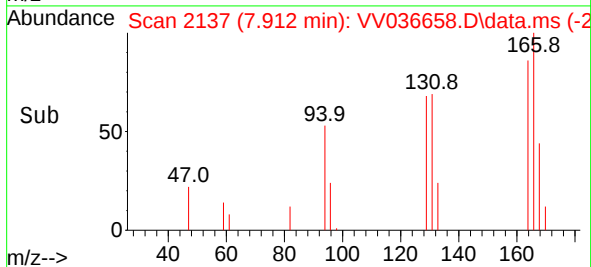
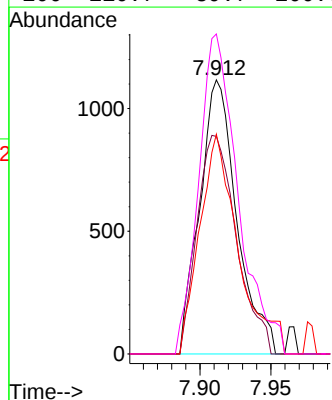
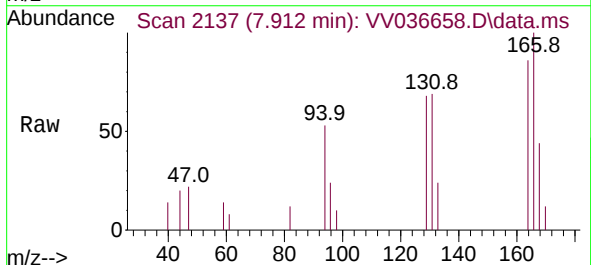
Instrument :
MSVOA_V
ClientSampleId :

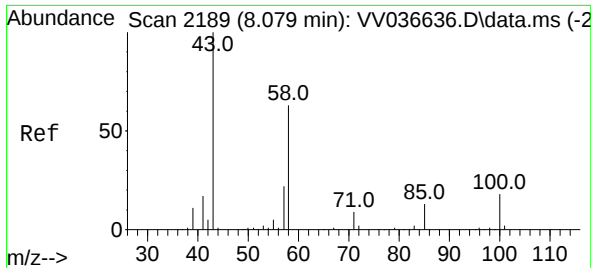
Tgt Ion: 63 Resp: 1028
Ion Ratio Lower Upper
63 100
112 6.1 4.8 7.2



#46
Tetrachloroethene
Concen: 0.631 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.013 min
Lab File: VV036658.D
Acq: 23 Jul 2024 19:44

Tgt Ion: 164 Resp: 2043
Ion Ratio Lower Upper
164 100
129 79.4 61.0 113.2
131 80.1 60.1 111.5
166 116.7 89.7 166.7

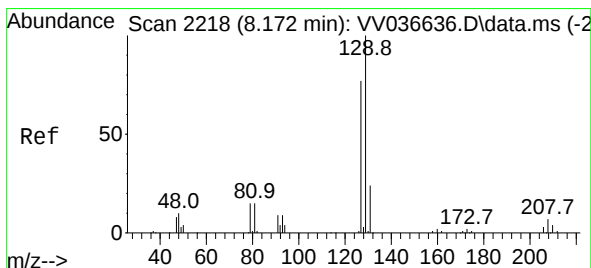
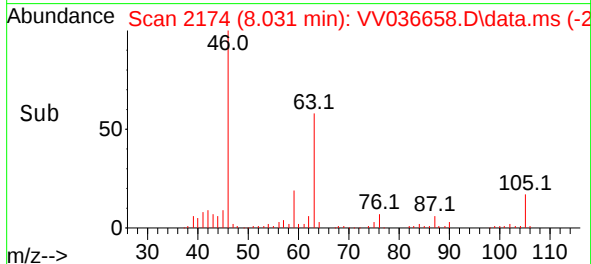
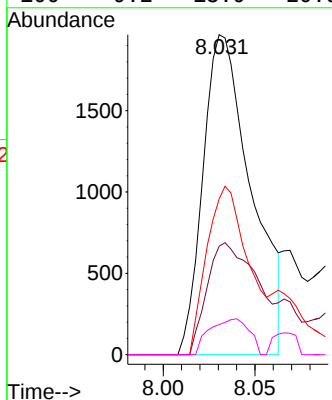
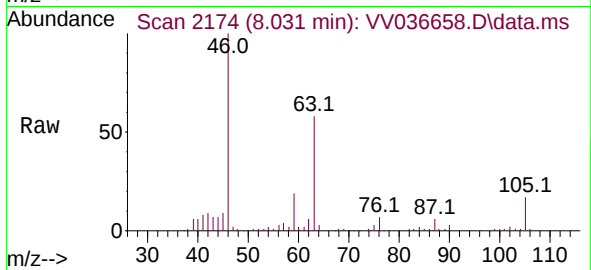




#48
2-Hexanone
Concen: 4.285 ug/L
RT: 8.031 min Scan# 2189
Delta R.T. -0.048 min
Lab File: VV036658.D
Acq: 23 Jul 2024 19:44

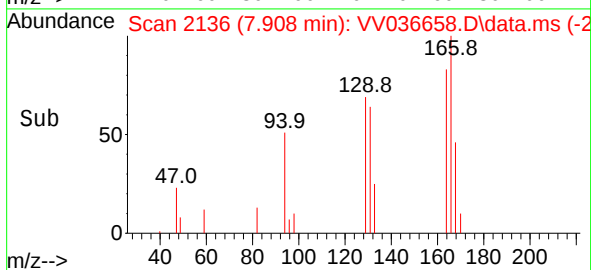
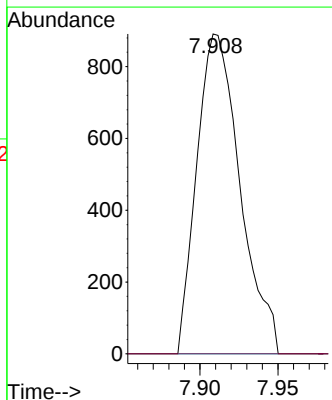
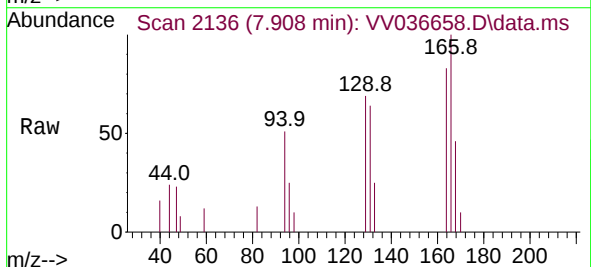
Instrument :
MSVOA_V
ClientSampleId :

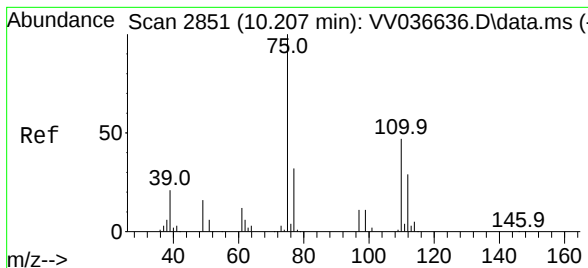
Tgt Ion: 43	Resp: 3599
Ion Ratio	Lower Upper
43 100	
58 36.2	50.6 75.8#
57 45.4	17.7 26.5#
100 9.2	13.9 20.9#



#49
Dibromochloromethane
Concen: 0.611 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.263 min
Lab File: VV036658.D
Acq: 23 Jul 2024 19:44

Tgt Ion:129	Resp:	1722	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61

1,2,3-Trichloropropane

Concen: 5.140 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV036658.D

Acq: 23 Jul 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

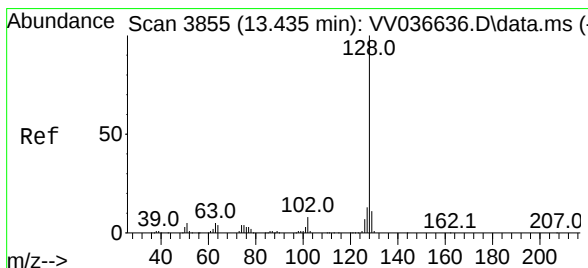
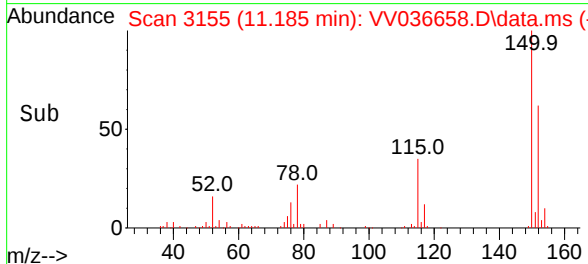
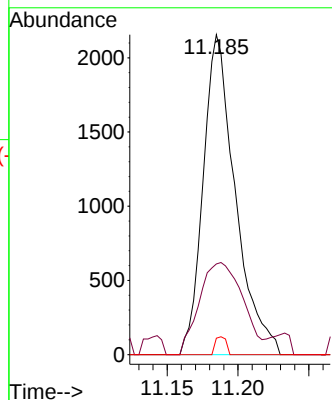
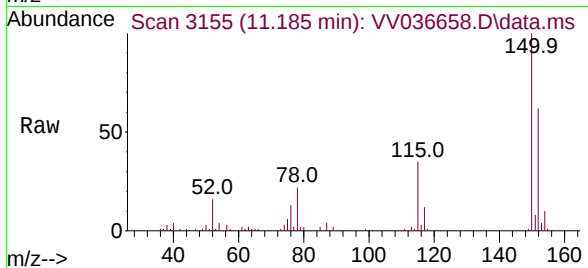
Tgt Ion: 75 Resp: 3402

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9

110 1.9 36.2 54.4#



#71

Naphthalene

Concen: 0.355 ug/L

RT: 13.471 min Scan# 3866

Delta R.T. 0.036 min

Lab File: VV036658.D

Acq: 23 Jul 2024 19:44

Tgt Ion: 128 Resp: 870

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

