

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036647.D
 Acq On : 23 Jul 2024 15:30
 Operator : SY/MD
 Sample : P3328-09
 Misc : 9.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:01:08 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)

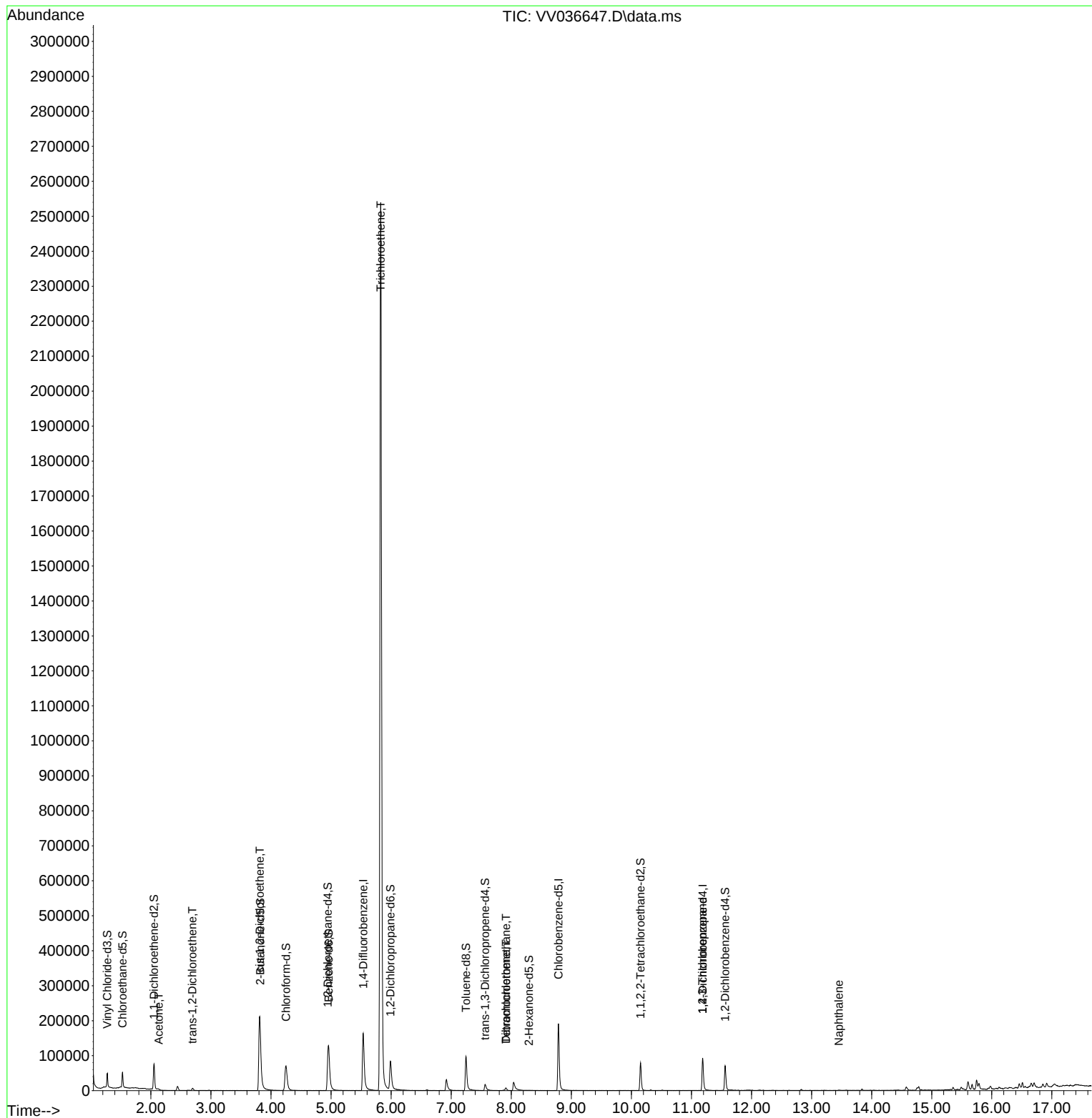
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	162125	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	122007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	24765	13.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.800%
7) Chloroethane-d5	1.529	69	28326	17.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.640%
11) 1,1-Dichloroethene-d2	2.053	65	11944	12.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.880%
21) 2-Butanone-d5	3.822	46	9705	23.419	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.840%
24) Chloroform-d	4.249	84	82958	19.347	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	4.947	65	43420	20.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.120%
32) Benzene-d6	4.960	84	114662	19.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	5.989	67	40529	24.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.246	98	74606	13.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.080%
43) trans-1,3-Dichloroprop...	7.564	79	13938	19.030	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.120%
47) 2-Hexanone-d5	8.294	63	102	0.465	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.940%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38219	26.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	11.561	152	21674	21.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	2395	3.558	ug/L	87
17) trans-1,2-Dichloroethene	2.693	96	2964	1.173	ug/L	93
20) cis-1,2-Dichloroethene	3.812	96	129917	49.250	ug/L	99
34) Trichloroethene	5.828	95	884586	390.121	ug/L	98
46) Tetrachloroethene	7.912	164	2267	1.008	ug/L	88
49) Dibromochloromethane	7.912	129	1756	0.896	ug/L	# 11
61) 1,2,3-Trichloropropane	11.185	75	2705	5.260	ug/L	# 52
71) Naphthalene	13.455	128	1390	0.731	ug/L	# 73

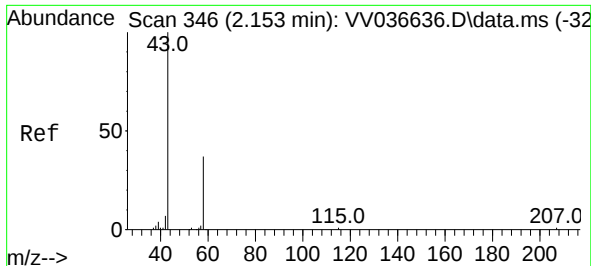
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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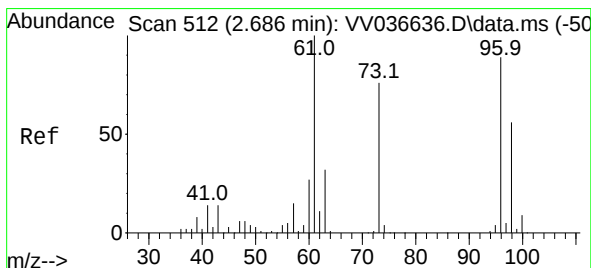
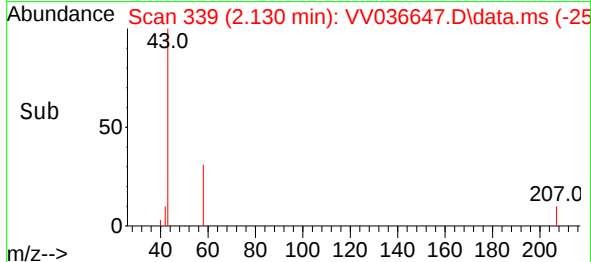
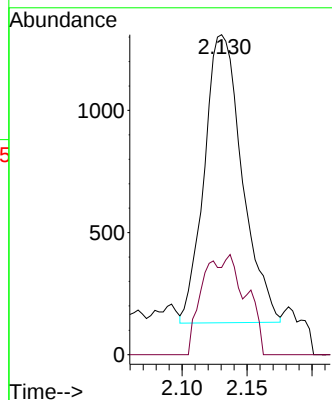
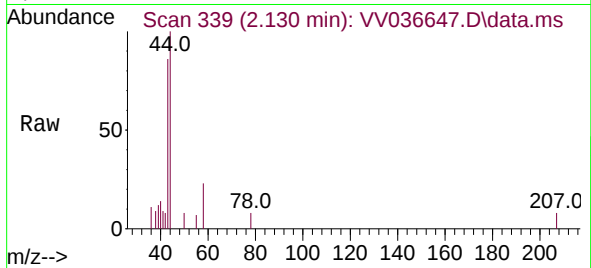




#13
Acetone
Concen: 3.558 ug/L
RT: 2.130 min Scan# 346
Delta R.T. -0.022 min
Lab File: VV036647.D
Acq: 23 Jul 2024 15:30

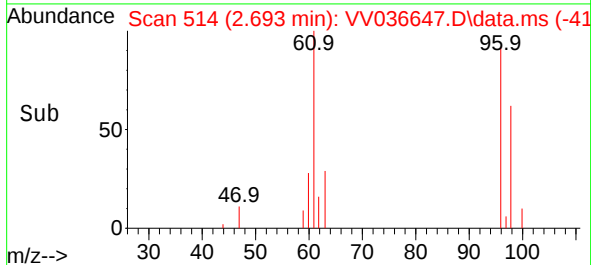
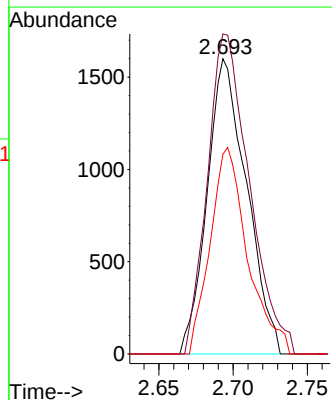
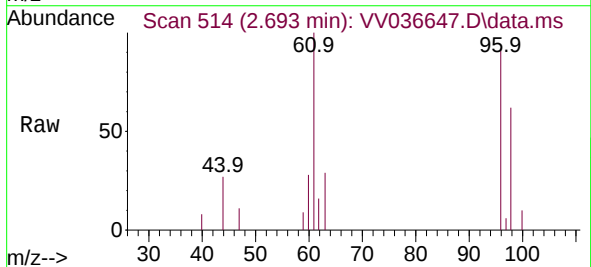
Instrument :
MSVOA_V
ClientSampleId :

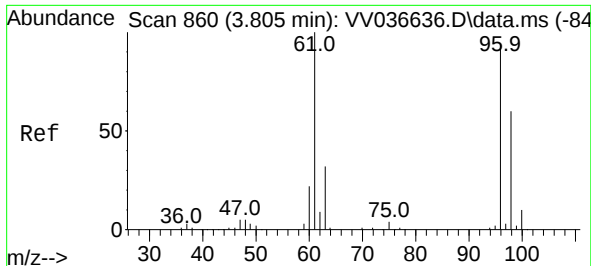
Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
58 16.5 0.0 23.0



#17
trans-1,2-Dichloroethene
Concen: 1.173 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.007 min
Lab File: VV036647.D
Acq: 23 Jul 2024 15:30

Tgt Ion: 96 Resp: 2964
Ion Ratio Lower Upper
96 100
61 108.4 81.5 151.5
98 67.6 44.3 82.3





#20

cis-1,2-Dichloroethene

Concen: 49.250 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.007 min

Lab File: VV036647.D

Acq: 23 Jul 2024 15:30

Instrument :

MSVOA_V

ClientSampleId :

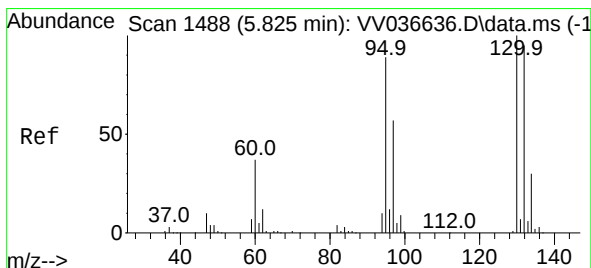
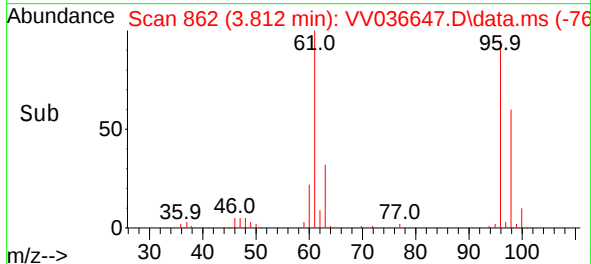
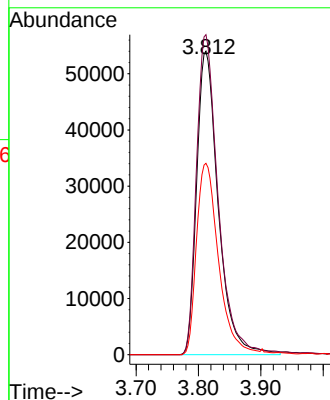
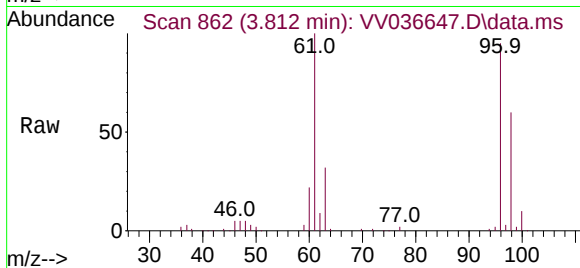
Tgt Ion: 96 Resp: 129917

Ion Ratio Lower Upper

96 100

61 105.5 73.0 135.6

98 63.0 44.8 83.2



#34

Trichloroethene

Concen: 390.121 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV036647.D

Acq: 23 Jul 2024 15:30

Tgt Ion: 95 Resp: 884586

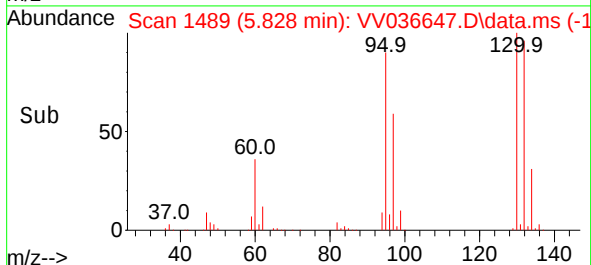
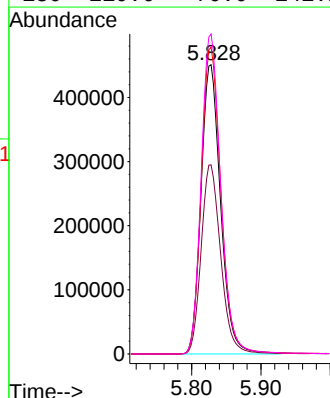
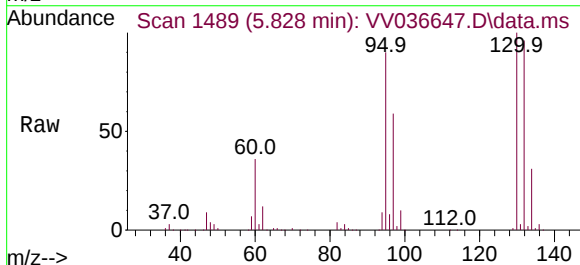
Ion Ratio Lower Upper

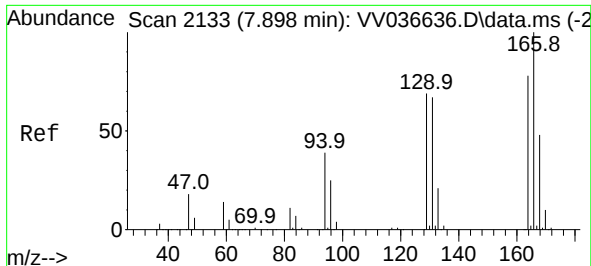
95 100

97 65.4 45.1 83.7

132 106.0 72.7 134.9

130 110.6 76.0 141.2





#46

Tetrachloroethene

Concen: 1.008 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.013 min

Lab File: VV036647.D

Acq: 23 Jul 2024 15:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2267

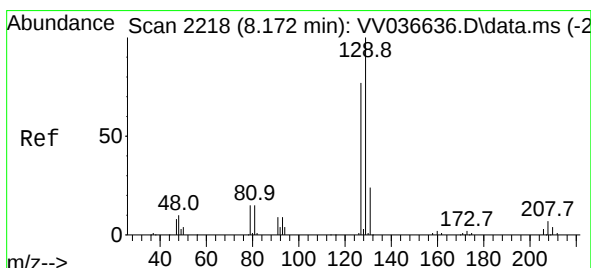
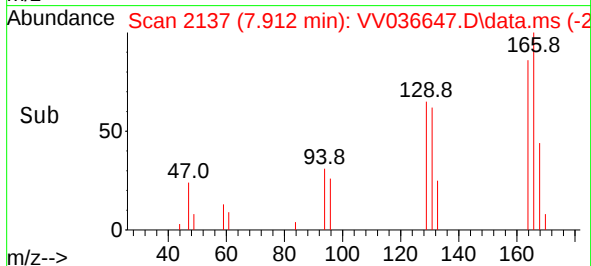
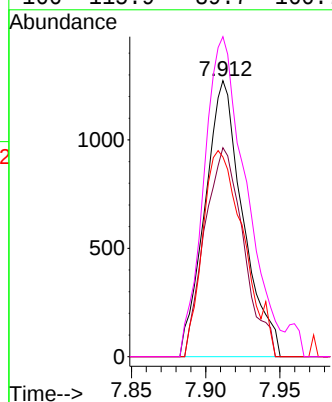
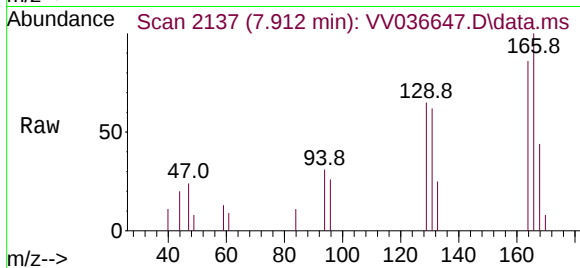
Ion Ratio Lower Upper

164 100

129 75.7 61.0 113.2

131 72.3 60.1 111.5

166 115.9 89.7 166.7



#49

Dibromochloromethane

Concen: 0.896 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.260 min

Lab File: VV036647.D

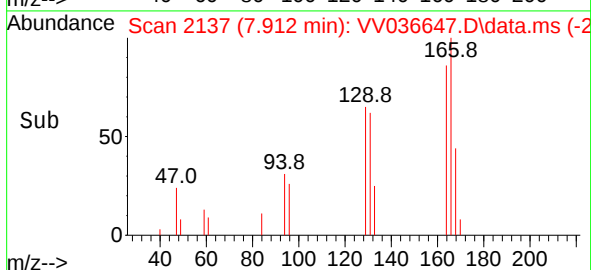
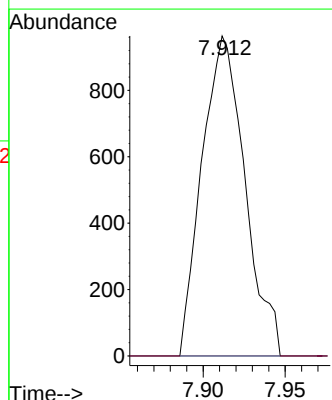
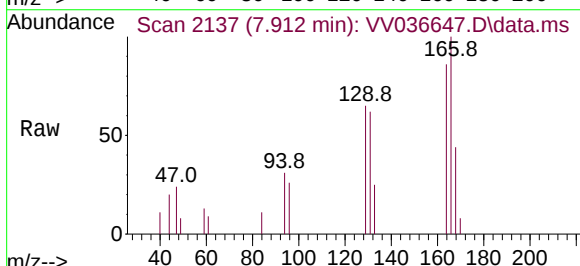
Acq: 23 Jul 2024 15:30

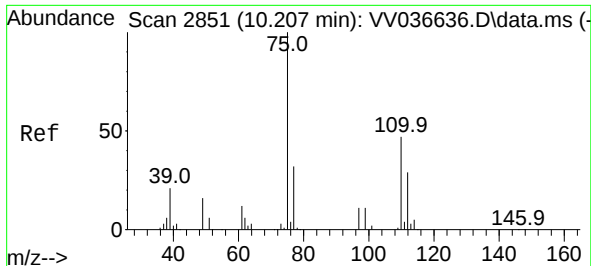
Tgt Ion:129 Resp: 1756

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 5.260 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV036647.D

Acq: 23 Jul 2024 15:30

Instrument :

MSVOA_V

ClientSampleId :

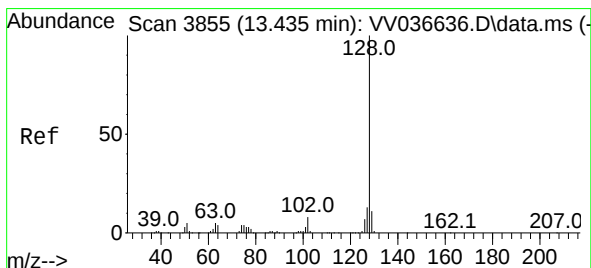
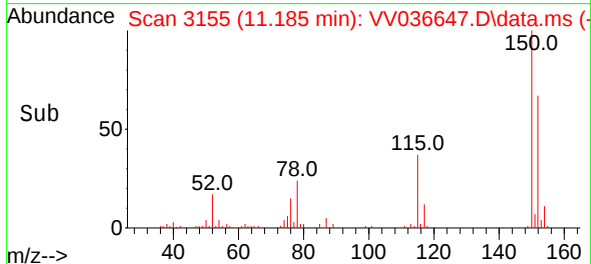
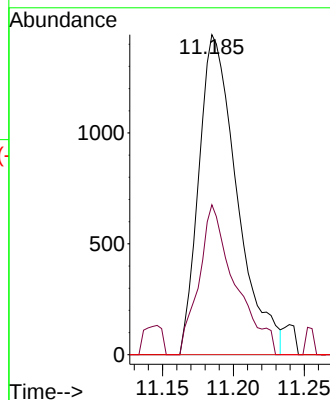
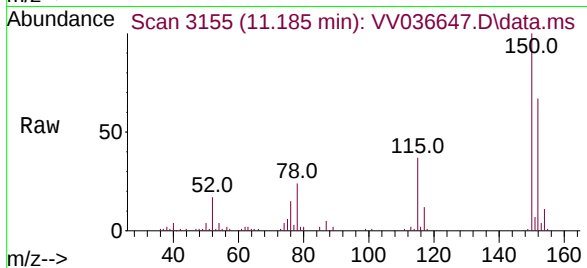
Tgt Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

77 42.7 25.9 38.9#

110 0.0 36.2 54.4#



#71

Naphthalene

Concen: 0.731 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.020 min

Lab File: VV036647.D

Acq: 23 Jul 2024 15:30

Tgt Ion: 128 Resp: 1390

Ion Ratio Lower Upper

128 100

127 2.9 10.4 15.6#

129 0.0 8.7 13.1#

