

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056197.D
 Acq On : 11 Nov 2023 02:14
 Operator : MD/SY
 Sample : 05339-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

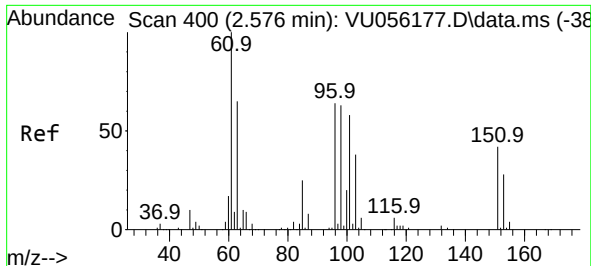
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDJ7

Quant Time: Nov 11 03:43:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	375978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	171464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97102	4.161	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.911	69	79866	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.563	65	44022	4.282	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.621	46	273924	71.548	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.100%#	
24) Chloroform-d	5.058	84	226370	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.695	65	111078	5.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.721	84	452355	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.685	67	143687	5.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.894	98	384005	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.177	79	49393	4.936	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.800%	
46) 2-Hexanone-d5	8.631	63	233368	71.157	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	142.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110142	5.895	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	145373	5.498	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	59795	2.474	ug/L #	76
13) Acetone	2.634	43	69735	24.698	ug/L	97
19) 1,1-Dichloroethane	3.869	63	27291	0.584	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	36502	1.321	ug/L	95
25) Chloroform	5.084	83	20530	0.412	ug/L	93
27) 1,2-Dichloroethane	5.798	62	4300	0.153	ug/L #	75
29) 1,1,1-Trichloroethane	5.309	97	34778	0.820	ug/L	99
31) Carbon tetrachloride	5.521	117	13096	0.348	ug/L	99
34) Trichloroethene	6.537	95	1716906	59.287	ug/L	96
47) Tetrachloroethene	8.550	164	64901	2.986	ug/L	95

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



#12

1,1-Dichloroethene

Concen: 2.474 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

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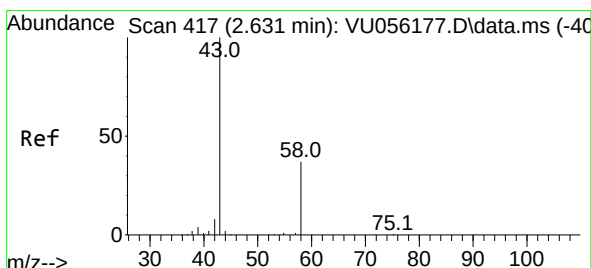
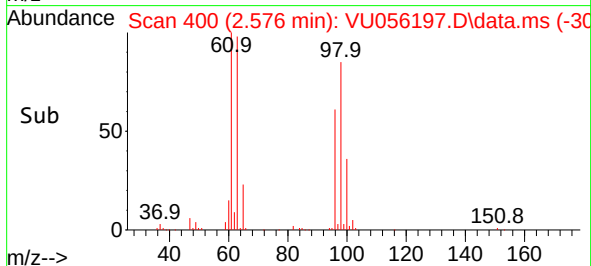
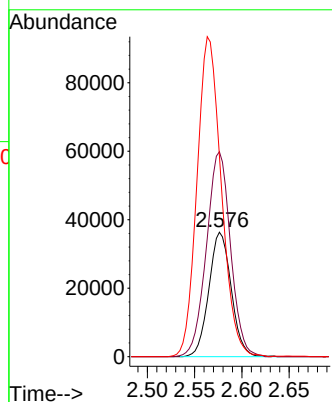
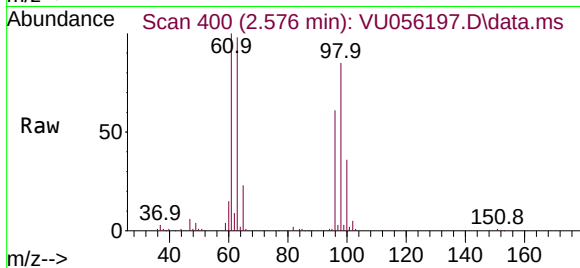
Tgt Ion: 96 Resp: 59795

Ion Ratio Lower Upper

96 100

61 164.6 111.7 207.5

63 161.6 74.5 138.3#



#13

Acetone

Concen: 24.698 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU056197.D

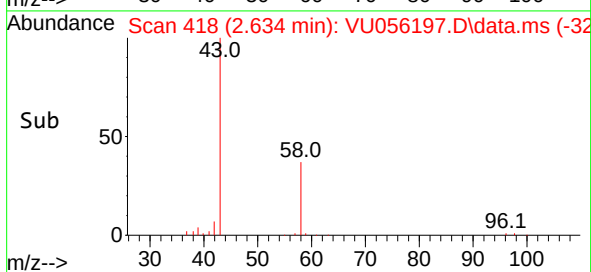
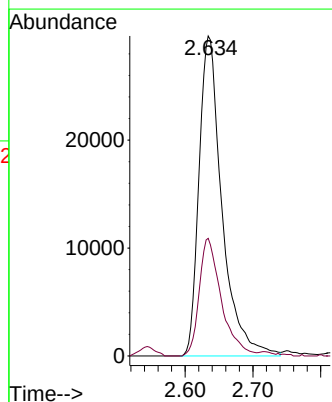
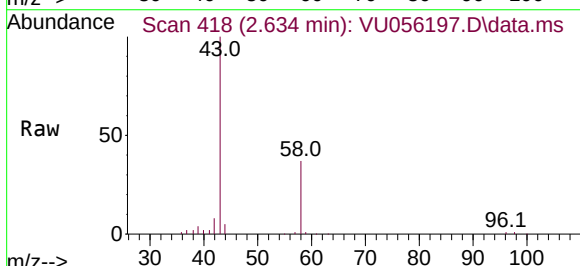
Acq: 11 Nov 2023 02:14

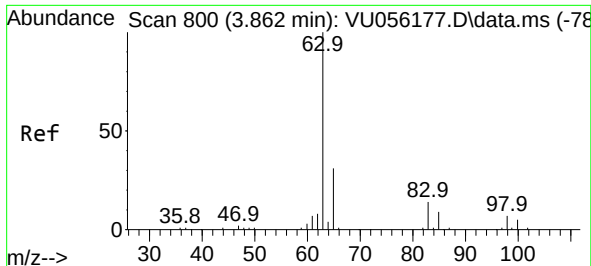
Tgt Ion: 43 Resp: 69735

Ion Ratio Lower Upper

43 100

58 35.3 0.0 74.4





#19

1,1-Dichloroethane

Concen: 0.584 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

Instrument :

MSVOA_U

ClientSampleId :

GCDJ7

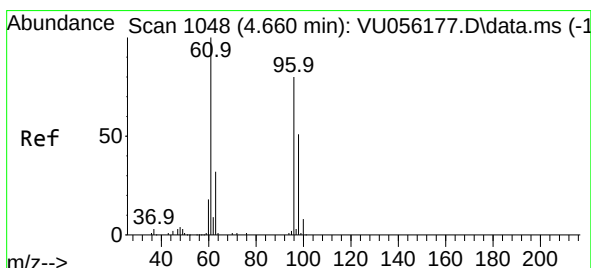
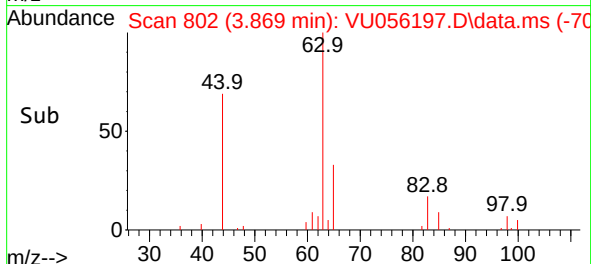
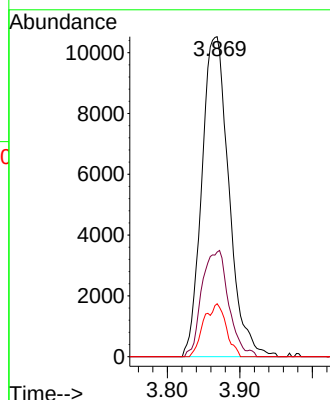
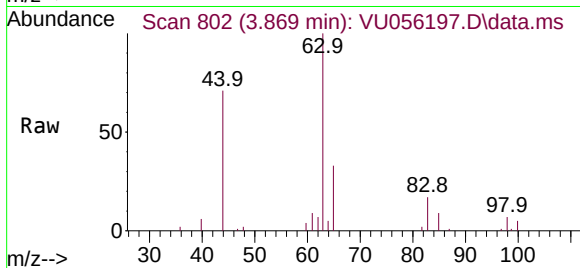
Tgt Ion: 63 Resp: 27291

Ion Ratio Lower Upper

63 100

65 32.7 20.6 38.2

83 16.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.321 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

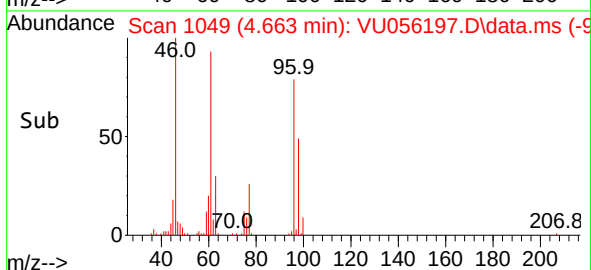
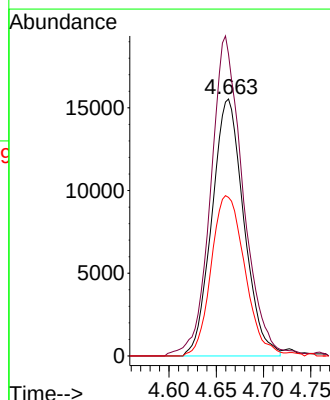
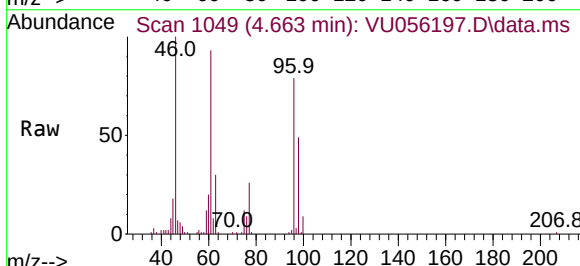
Tgt Ion: 96 Resp: 36502

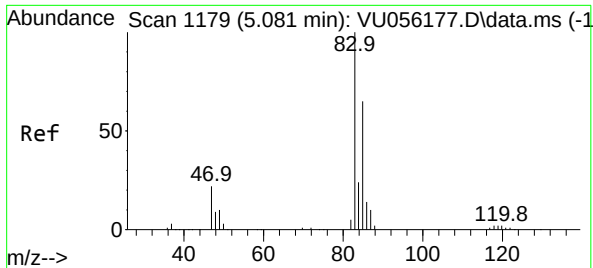
Ion Ratio Lower Upper

96 100

61 117.4 87.8 163.2

98 61.7 43.5 80.7





#25

Chloroform

Concen: 0.412 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

Instrument :

MSVOA_U

ClientSampleId :

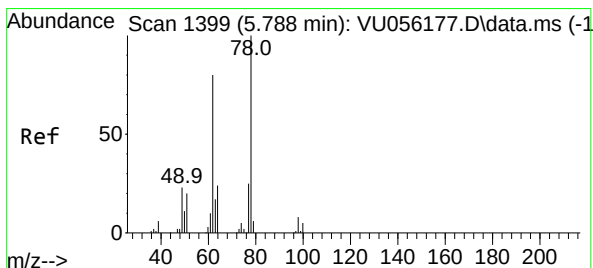
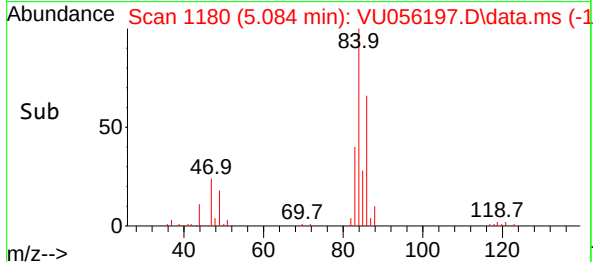
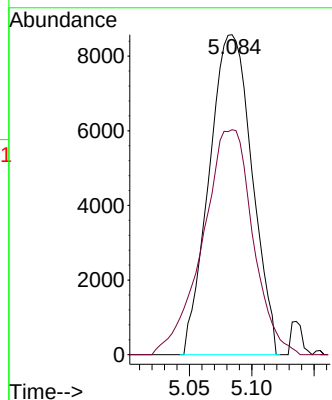
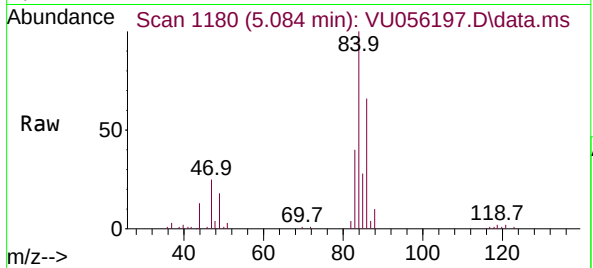
GCDJ7

Tgt Ion: 83 Resp: 20530

Ion Ratio Lower Upper

83 100

85 70.3 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.153 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.010 min

Lab File: VU056197.D

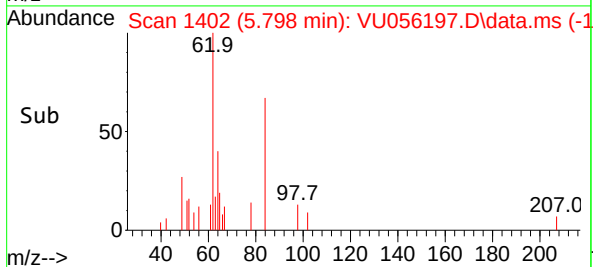
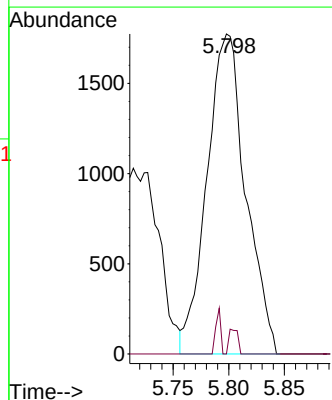
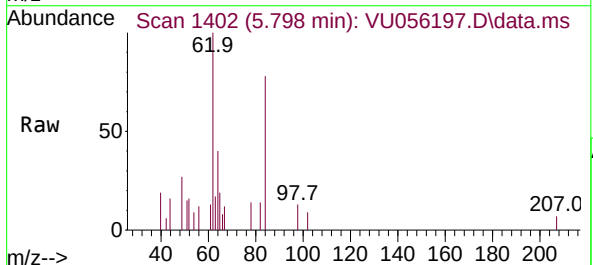
Acq: 11 Nov 2023 02:14

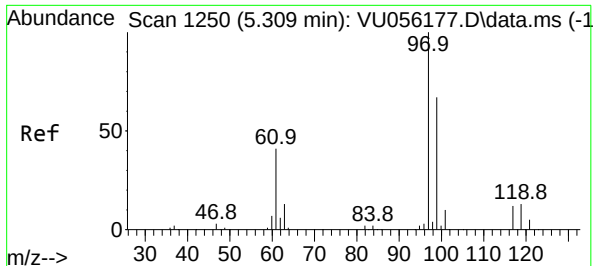
Tgt Ion: 62 Resp: 4300

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.820 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

Instrument :

MSVOA_U

ClientSampleId :

GCDJ7

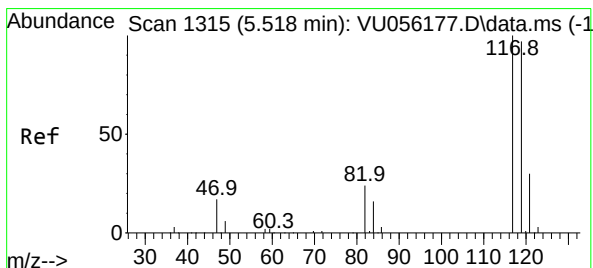
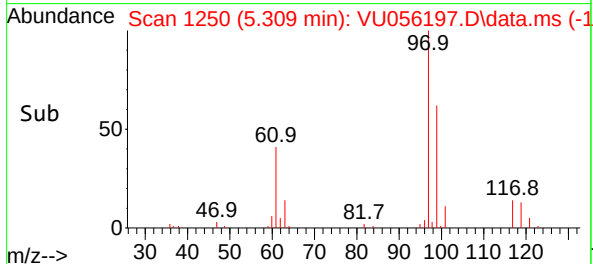
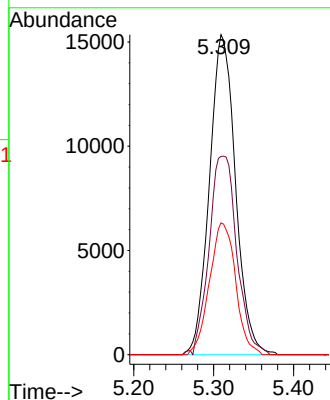
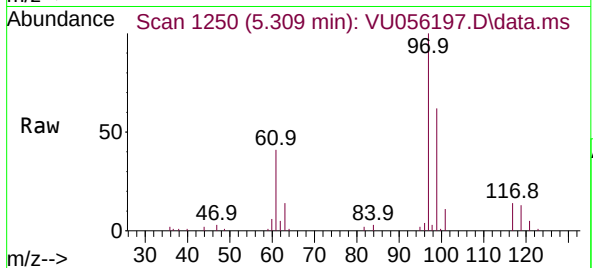
Tgt Ion: 97 Resp: 34778

Ion Ratio Lower Upper

97 100

99 66.1 52.0 78.0

61 41.2 33.4 50.0



#31

Carbon tetrachloride

Concen: 0.348 ug/L

RT: 5.521 min Scan# 1316

Delta R.T. 0.003 min

Lab File: VU056197.D

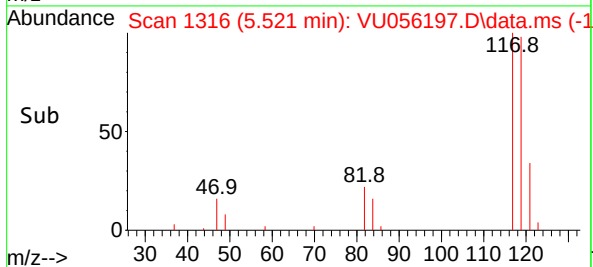
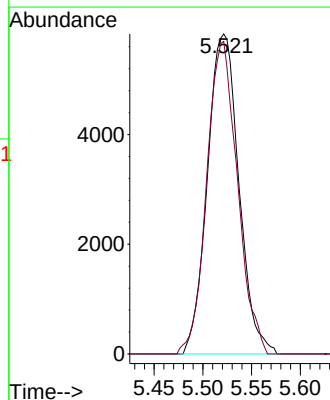
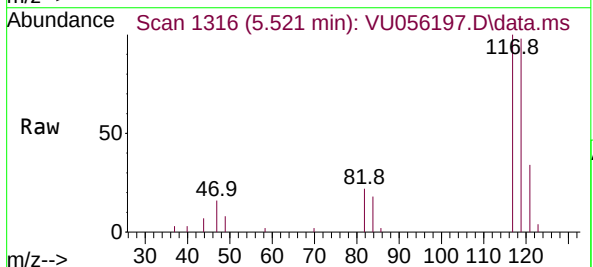
Acq: 11 Nov 2023 02:14

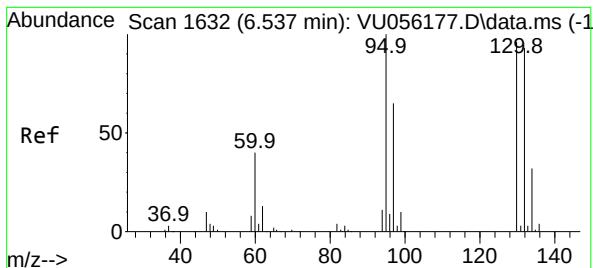
Tgt Ion: 117 Resp: 13096

Ion Ratio Lower Upper

117 100

119 95.4 77.2 115.8





#34

Trichloroethene

Concen: 59.287 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

Instrument :

MSVOA_U

ClientSampleId :

GCDJ7

Tgt Ion: 95 Resp: 1716906

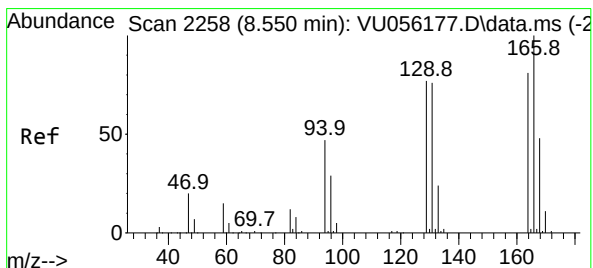
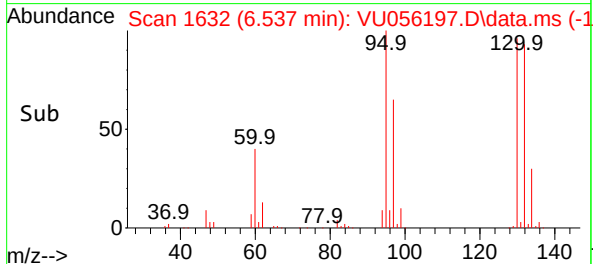
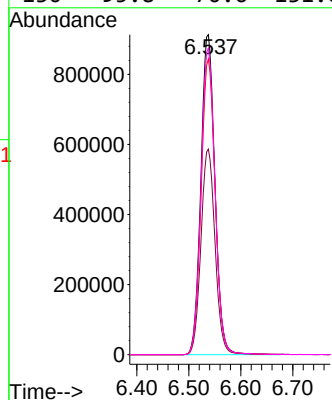
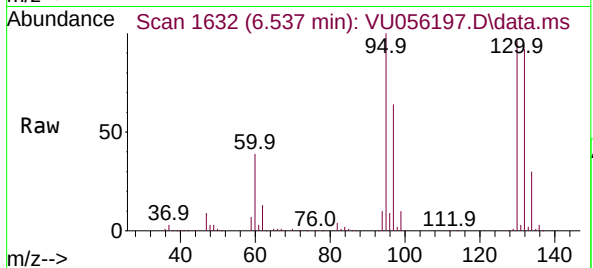
Ion Ratio Lower Upper

95 100

97 64.3 46.8 87.0

132 92.4 66.5 123.5

130 95.8 70.6 131.0



#47

Tetrachloroethene

Concen: 2.986 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056197.D

Acq: 11 Nov 2023 02:14

Tgt Ion:164 Resp: 64901

Ion Ratio Lower Upper

164 100

129 99.8 66.6 123.8

131 96.3 67.8 126.0

166 132.5 85.9 159.5

