

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037158.D
 Acq On : 29 Aug 2024 15:28
 Operator : SY/MD
 Sample : P3692-19RE
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 23:43:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

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

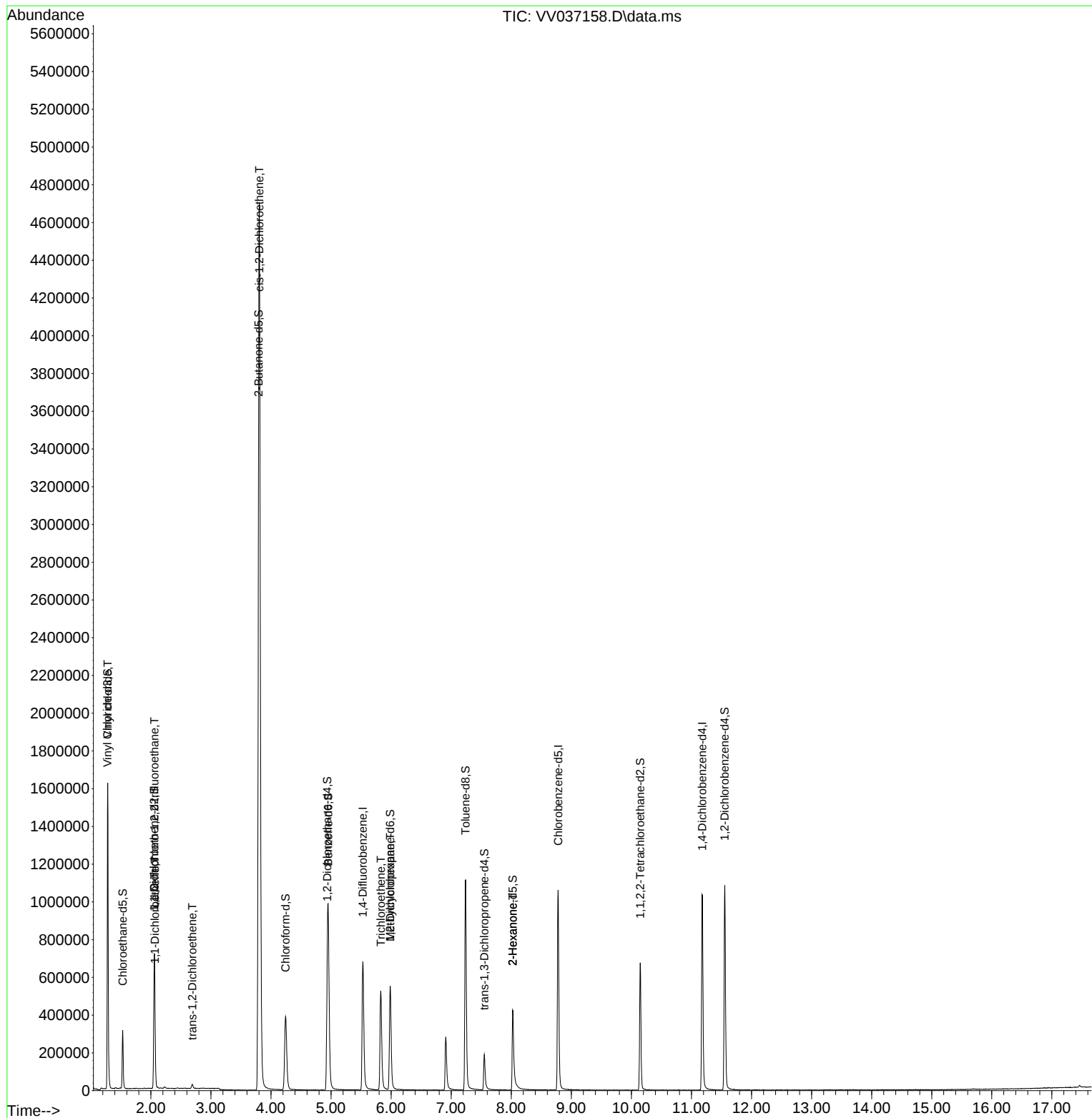
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	597003	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	570524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	265985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	251282	46.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.020%		
7) Chloroethane-d5	1.532	69	197718	46.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	2.056	65	108195	47.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.280%		
21) 2-Butanone-d5	3.793	46	228675	108.129	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.130%		
24) Chloroform-d	4.243	84	413283	48.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
26) 1,2-Dichloroethane-d4	4.937	65	264613	49.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.320%		
32) Benzene-d6	4.953	84	840700	48.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.580%		
36) 1,2-Dichloropropane-d6	5.986	67	272807	50.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.100%		
41) Toluene-d8	7.239	98	742912	47.769	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.540%		
43) trans-1,3-Dichloroprop...	7.551	79	111989	44.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.700%		
47) 2-Hexanone-d5	8.024	63	145039	98.463	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.460%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	329681	50.364	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.720%		
66) 1,2-Dichlorobenzene-d4	11.554	152	267703	50.253	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.500%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	823162	154.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3531	0.854	ug/L #	23
12) 1,1-Dichloroethene	2.069	96	41413	10.633	ug/L #	1
17) trans-1,2-Dichloroethene	2.693	96	7620	1.885	ug/L	91
20) cis-1,2-Dichloroethene	3.806	96	2505691	560.814	ug/L	99
34) Trichloroethene	5.828	95	191738	44.120	ug/L	98
35) Methylcyclohexane	5.986	83	63614	9.009	ug/L #	19
48) 2-Hexanone	8.024	43	18680	5.382	ug/L #	77

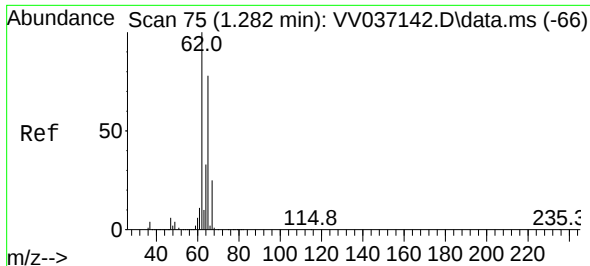
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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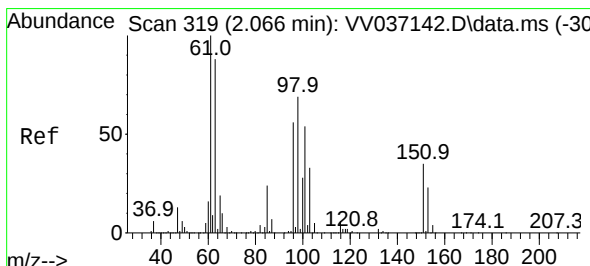
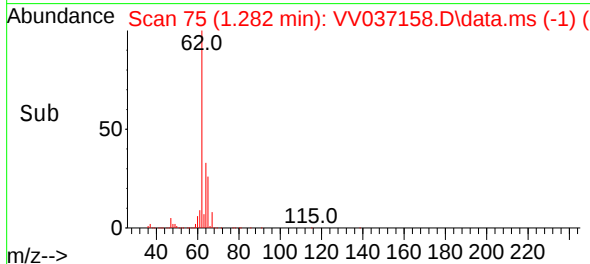
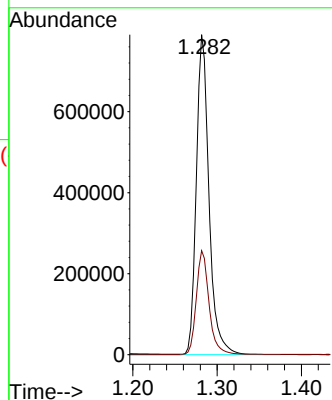
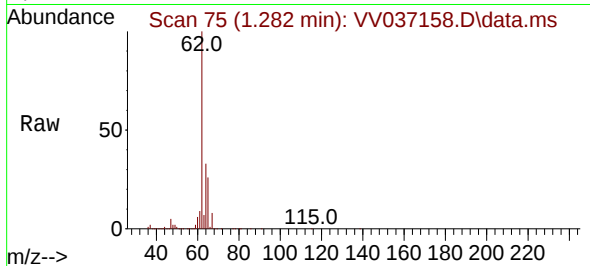




#5
 Vinyl chloride
 Concen: 154.549 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037158.D
 Acq: 29 Aug 2024 15:28

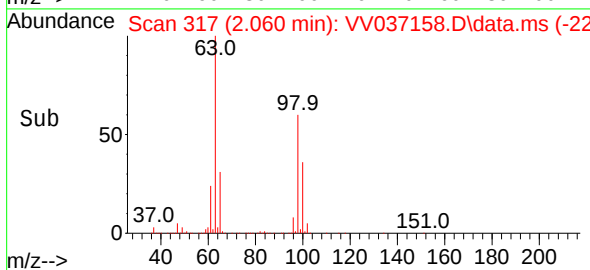
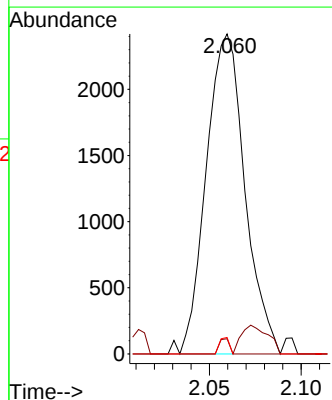
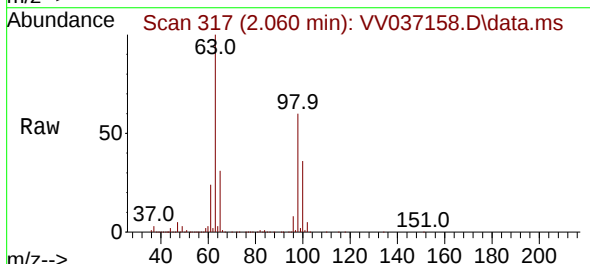
Instrument :
 MSVOA_V
 ClientSampleId :

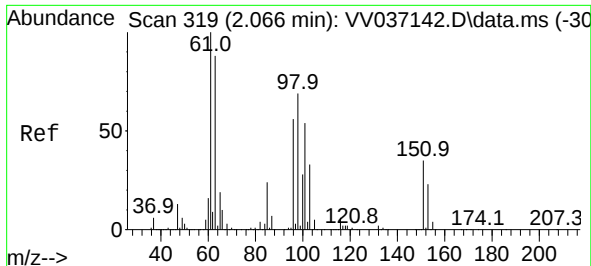
Tgt Ion: 62 Resp: 823162
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.854 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.007 min
 Lab File: VV037158.D
 Acq: 29 Aug 2024 15:28

Tgt Ion: 101 Resp: 3531
 Ion Ratio Lower Upper
 101 100
 85 1.2 35.6 53.4#
 151 1.3 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 10.633 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037158.D

Acq: 29 Aug 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

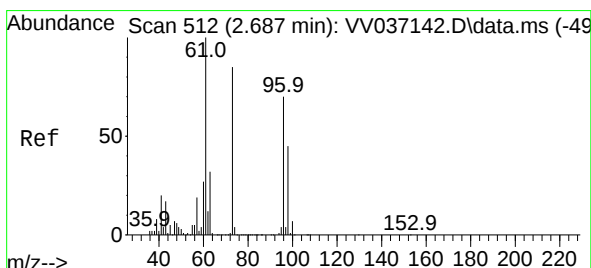
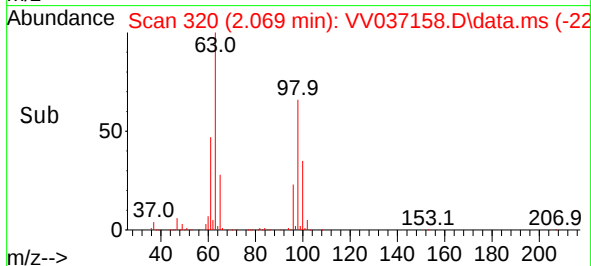
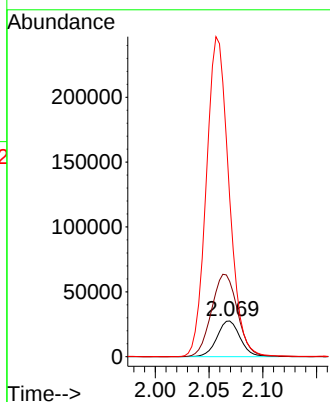
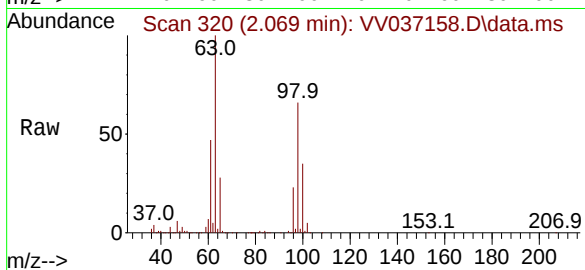
Tgt Ion: 96 Resp: 41413

Ion Ratio Lower Upper

96 100

61 210.8 123.8 229.8

63 444.2 96.5 179.1#



#17

trans-1,2-Dichloroethene

Concen: 1.885 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV037158.D

Acq: 29 Aug 2024 15:28

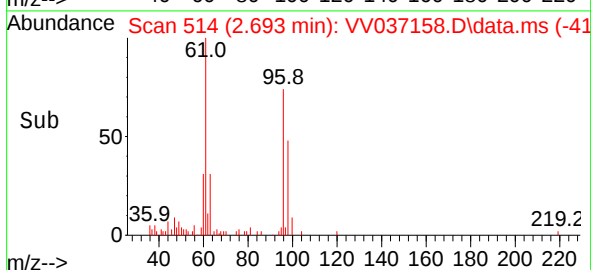
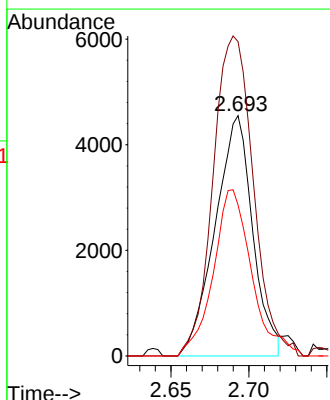
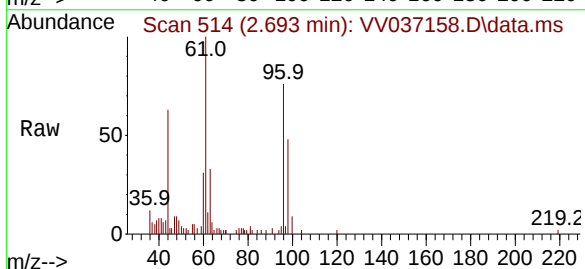
Tgt Ion: 96 Resp: 7620

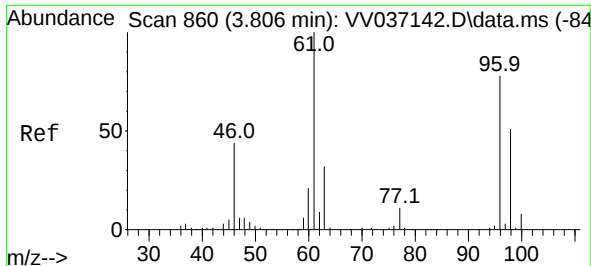
Ion Ratio Lower Upper

96 100

61 130.8 102.3 189.9

98 62.8 44.8 83.2





#20

cis-1,2-Dichloroethene

Concen: 560.814 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV037158.D

Acq: 29 Aug 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

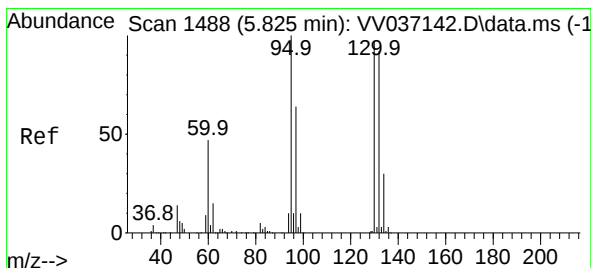
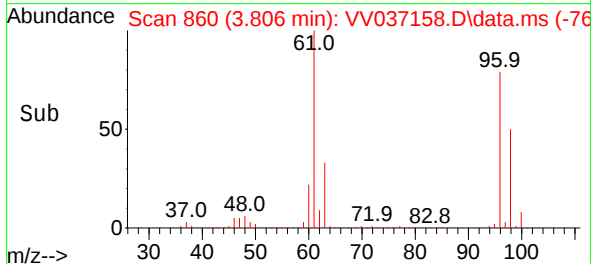
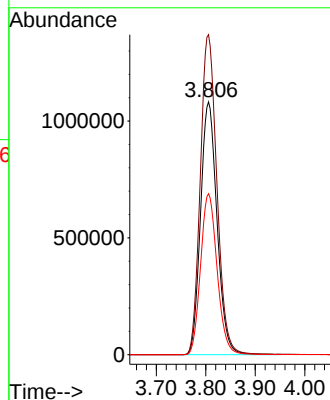
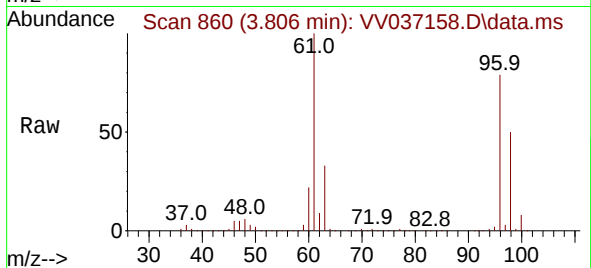
Tgt Ion: 96 Resp: 2505691

Ion Ratio Lower Upper

96 100

61 126.6 89.9 166.9

98 63.7 44.8 83.2



#34

Trichloroethene

Concen: 44.120 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037158.D

Acq: 29 Aug 2024 15:28

Tgt Ion: 95 Resp: 191738

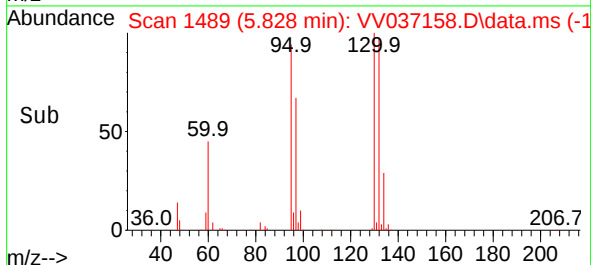
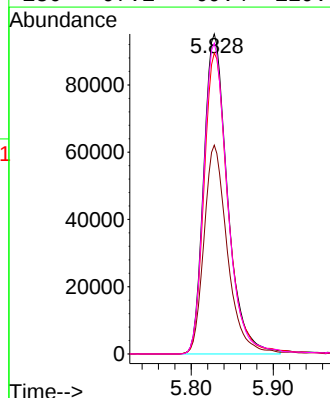
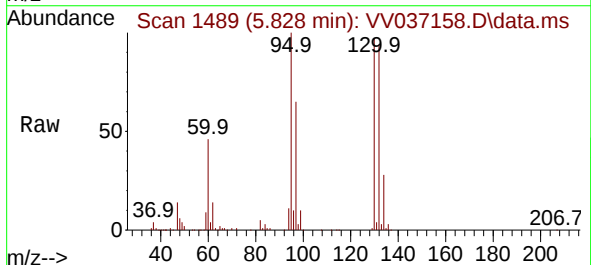
Ion Ratio Lower Upper

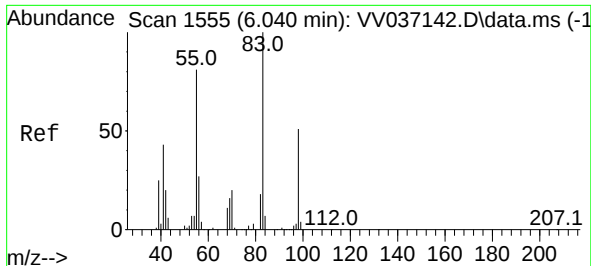
95 100

97 65.3 44.4 82.5

132 94.0 64.9 120.5

130 97.1 69.4 129.0





#35

Methylcyclohexane

Concen: 9.009 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.055 min

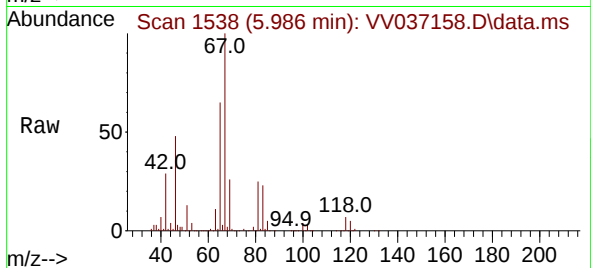
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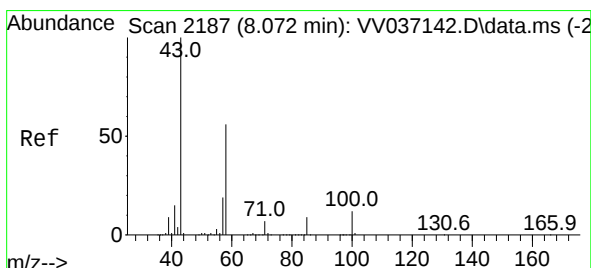
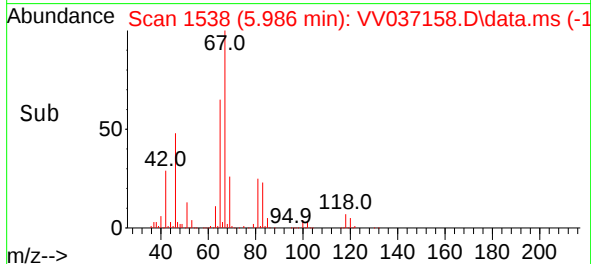
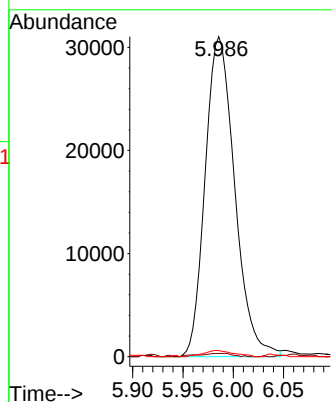
Tgt Ion: 83 Resp: 63614

Ion Ratio Lower Upper

83 100

55 0.2 61.2 91.8#

98 2.0 39.3 58.9#



#48

2-Hexanone

Concen: 5.382 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV037158.D

Acq: 29 Aug 2024 15:28

Tgt Ion: 43 Resp: 18680

Ion Ratio Lower Upper

43 100

58 39.5 46.0 69.0#

57 27.8 15.6 23.4#

100 2.8 10.6 16.0#

