

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034784.D
 Acq On : 21 Mar 2024 13:13
 Operator : SY/MD
 Sample : P1755-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

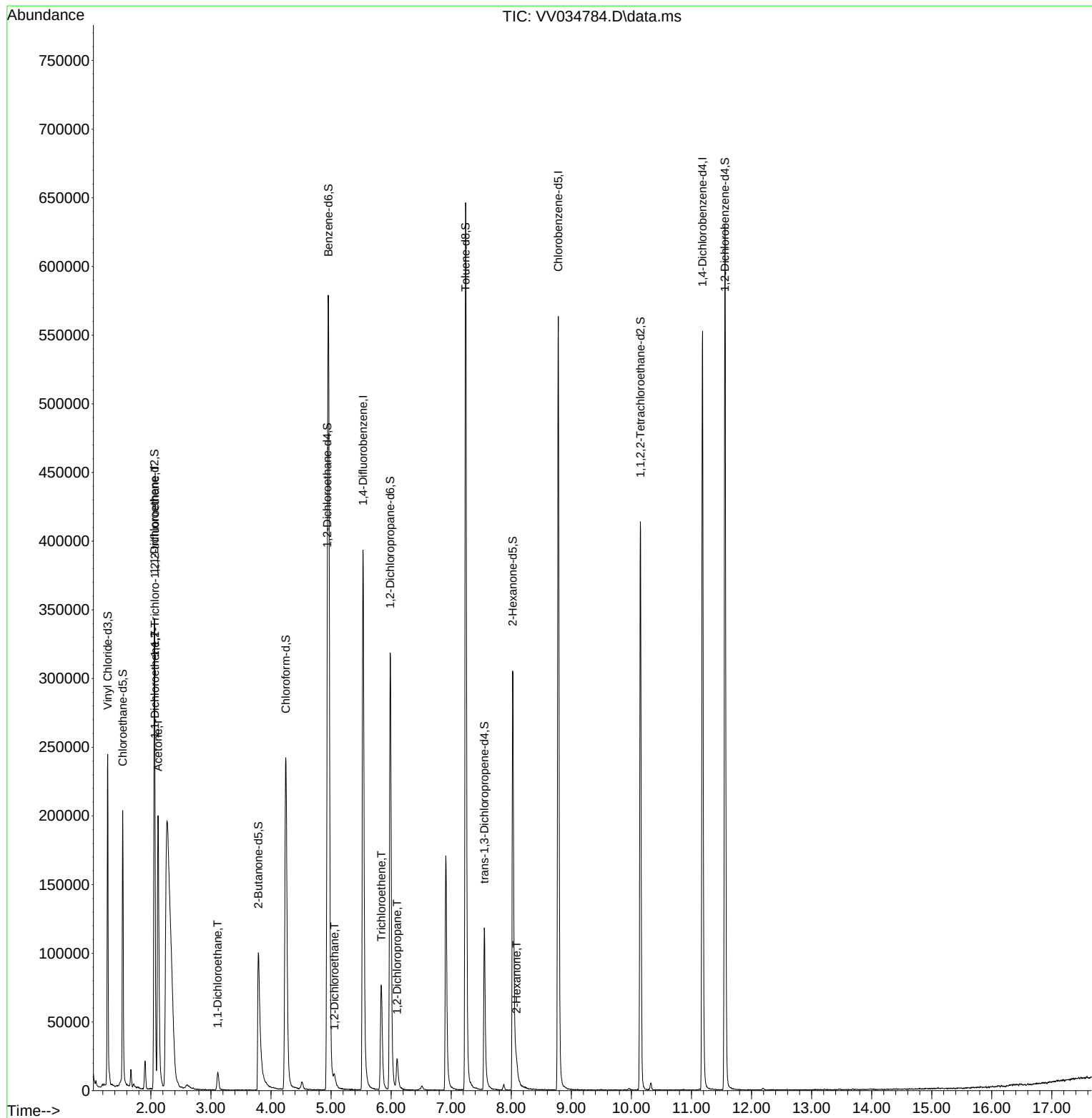
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	341924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309373	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	147300	49.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.380%			
7) Chloroethane-d5	1.532	69	118158	51.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.340%			
11) 1,1-Dichloroethene-d2	2.059	65	54977	41.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.020%			
21) 2-Butanone-d5	3.789	46	182408	92.022	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.020%			
24) Chloroform-d	4.246	84	261022	49.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	4.937	65	176365	51.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.000%			
32) Benzene-d6	4.956	84	509752	54.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.200%			
36) 1,2-Dichloropropane-d6	5.985	67	152373	53.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.940%			
41) Toluene-d8	7.239	98	431228	51.036	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.080%			
43) trans-1,3-Dichloroprop...	7.551	79	72902	50.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.900%			
47) 2-Hexanone-d5	8.024	63	106077	74.550	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 74.550%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	193686	51.652	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.300%			
66) 1,2-Dichlorobenzene-d4	11.557	152	157460	54.404	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2865	1.038	ug/L #	48
12) 1,1-Dichloroethene	2.069	96	9516	3.717	ug/L #	1
13) Acetone	2.121	43	250526	105.132	ug/L	99
19) 1,1-Dichloroethane	3.114	63	14096	2.904	ug/L	99
27) 1,2-Dichloroethane	5.056	62	9068	2.218	ug/L #	88
34) Trichloroethene	5.837	95	27884	10.215	ug/L	99
37) 1,2-Dichloropropane	6.098	63	8835	3.514	ug/L	98
48) 2-Hexanone	8.088	43	14782	5.004	ug/L #	45

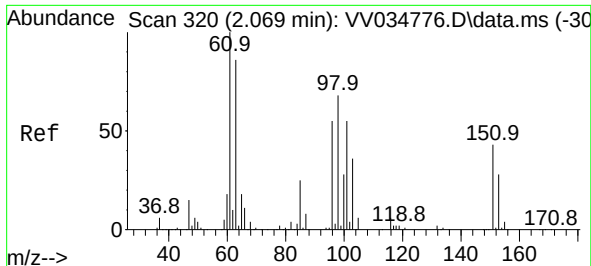
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 01:59:49 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.038 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

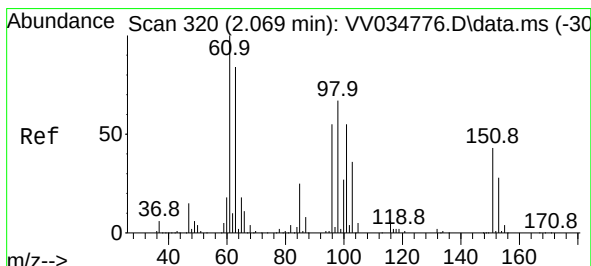
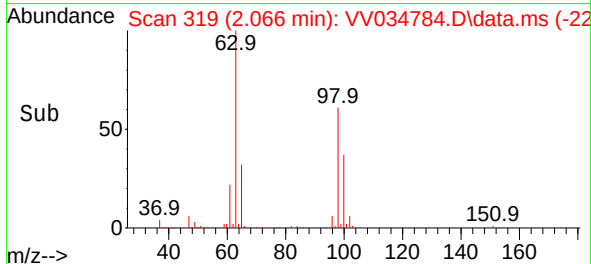
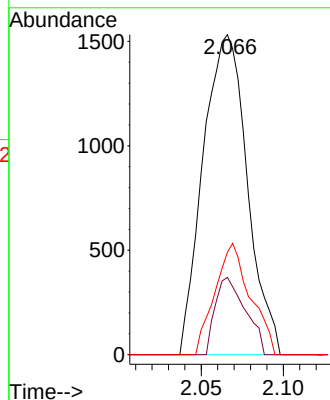
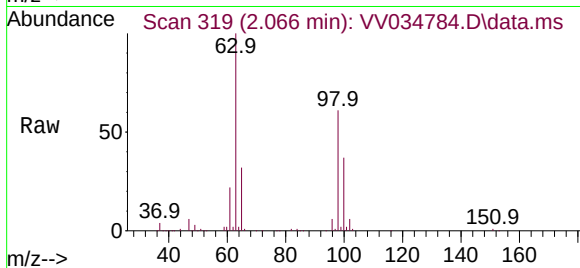
Tgt Ion:101 Resp: 2865

Ion Ratio Lower Upper

101 100

85 16.5 37.4 56.0#

151 27.9 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 3.717 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

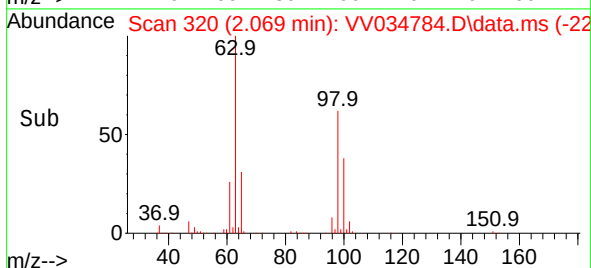
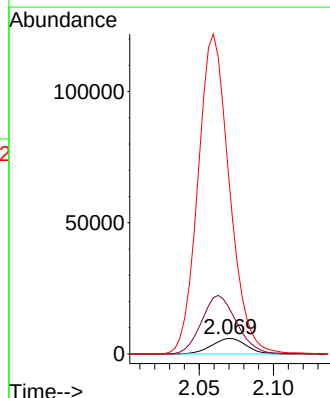
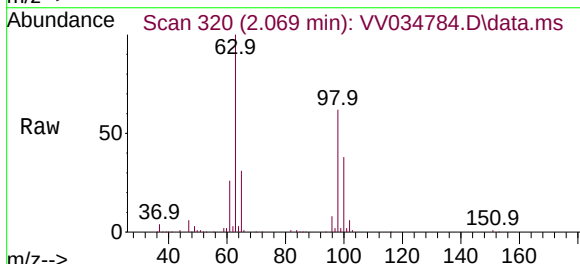
Tgt Ion: 96 Resp: 9516

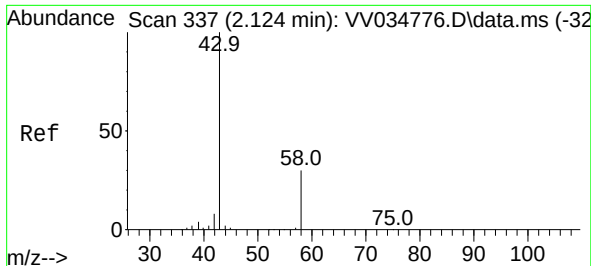
Ion Ratio Lower Upper

96 100

61 312.2 128.9 239.3#

63 1217.2 98.0 182.0#





#13

Acetone

Concen: 105.132 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

Instrument :

MSVOA_V

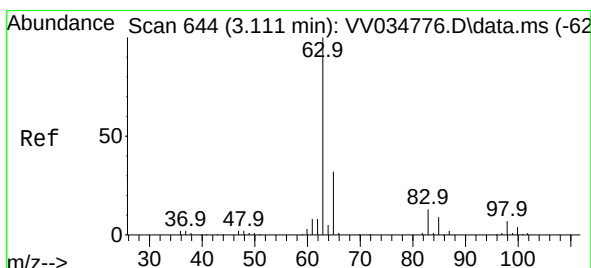
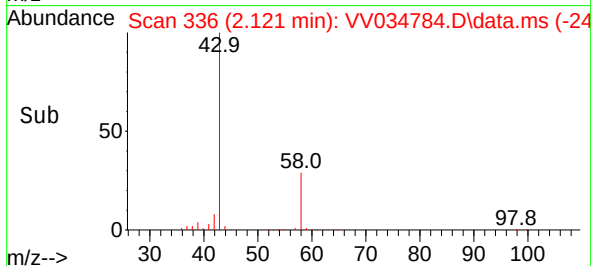
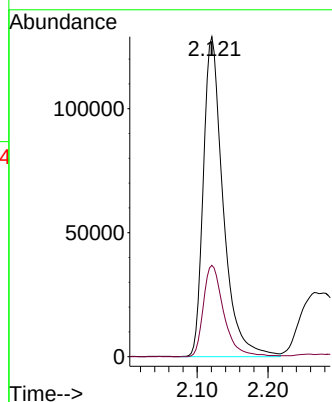
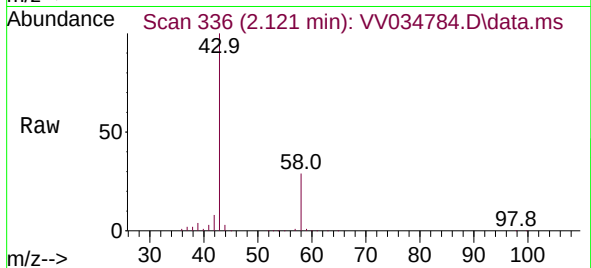
ClientSampleId :

Tgt Ion: 43 Resp: 250526

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#19

1,1-Dichloroethane

Concen: 2.904 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

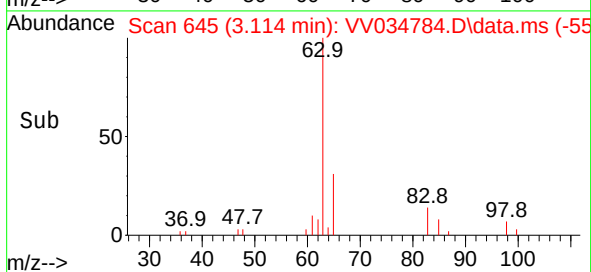
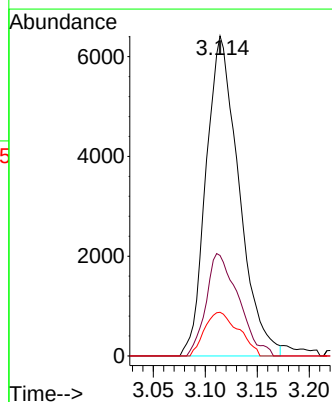
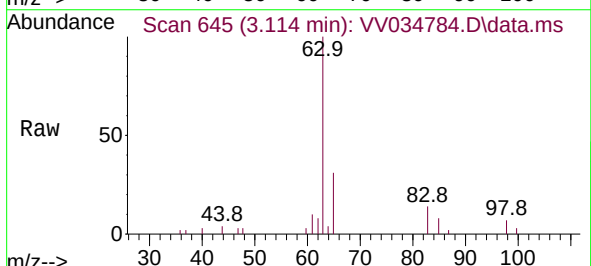
Tgt Ion: 63 Resp: 14096

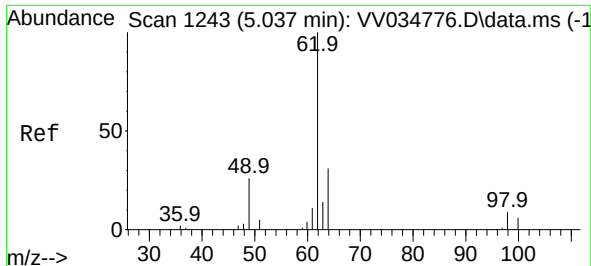
Ion Ratio Lower Upper

63 100

65 31.4 22.1 41.1

83 13.7 9.9 18.3





#27

1,2-Dichloroethane

Concen: 2.218 ug/L

RT: 5.056 min Scan# 1492

Delta R.T. 0.019 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

Instrument :

MSVOA_V

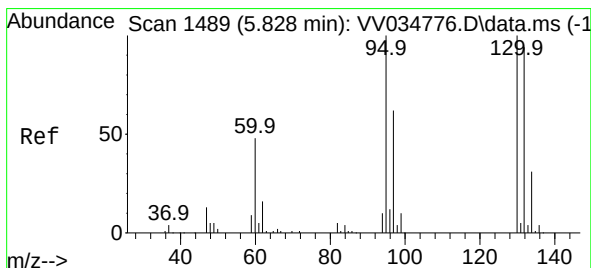
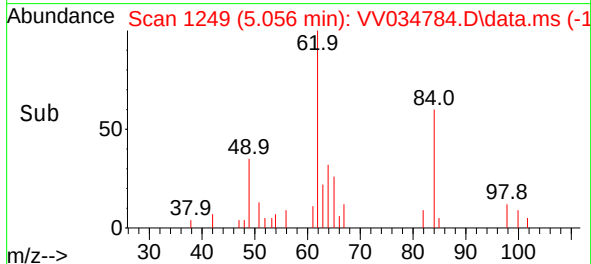
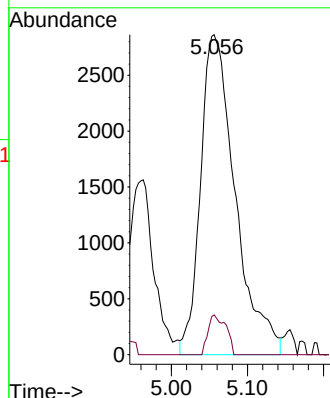
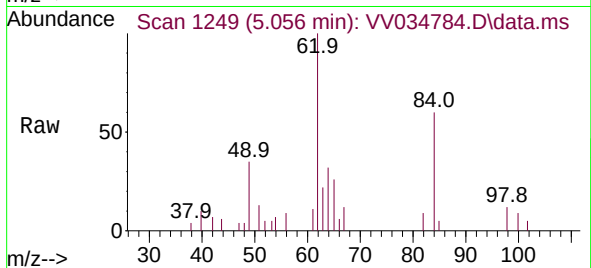
ClientSampleId :

Tgt Ion: 62 Resp: 9068

Ion Ratio Lower Upper

62 100

98 12.5 6.6 10.0#



#34

Trichloroethene

Concen: 10.215 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV034784.D

Acq: 21 Mar 2024 13:13

Tgt Ion: 95 Resp: 27884

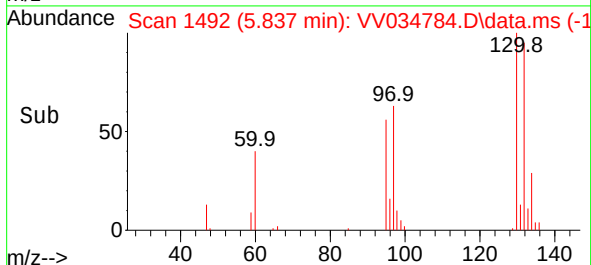
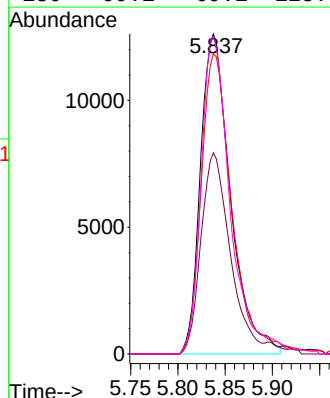
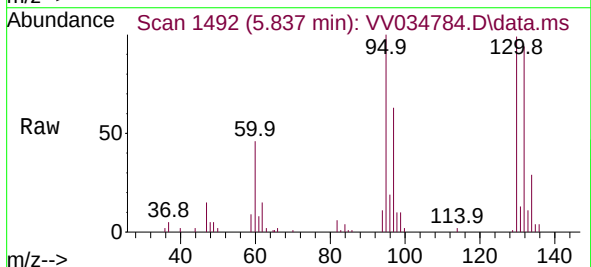
Ion Ratio Lower Upper

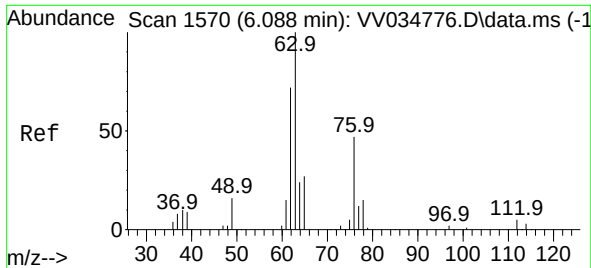
95 100

97 62.8 44.7 83.1

132 93.8 65.3 121.3

130 99.1 69.1 128.3

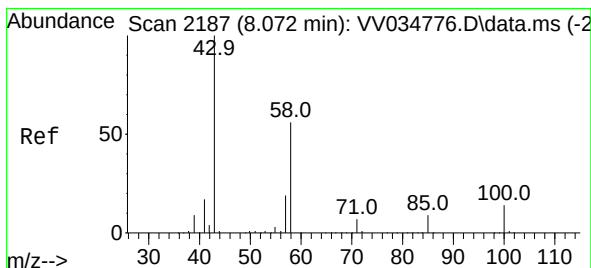
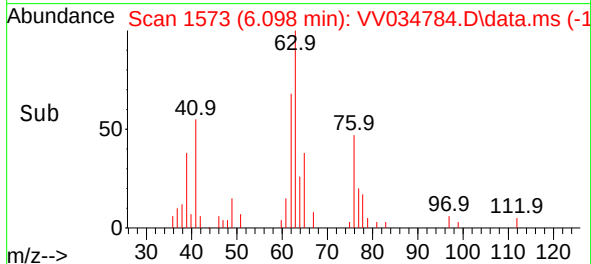
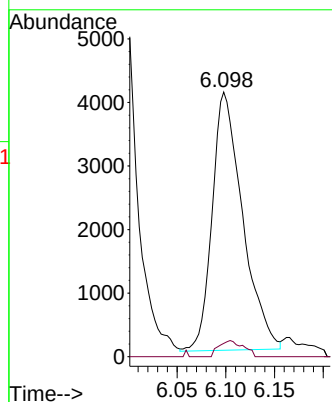
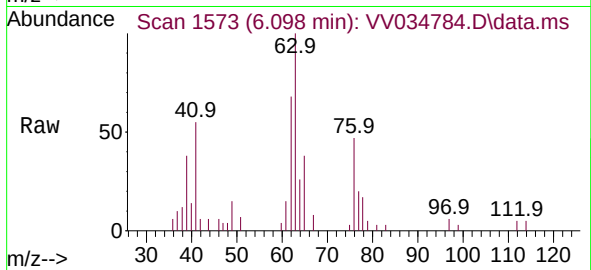




#37
1,2-Dichloropropane
Concen: 3.514 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034784.D
Acq: 21 Mar 2024 13:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 8835
Ion Ratio Lower Upper
63 100
112 3.8 3.5 5.3



#48
2-Hexanone
Concen: 5.004 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034784.D
Acq: 21 Mar 2024 13:13

Tgt Ion: 43 Resp: 14782
Ion Ratio Lower Upper
43 100
58 4.5 42.0 63.0#
57 1.2 15.2 22.8#
100 4.0 10.0 15.0#

