

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034649.D
 Acq On : 15 Mar 2024 13:31
 Operator : SY/MD
 Sample : P1752-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL41

Quant Time: Mar 15 23:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

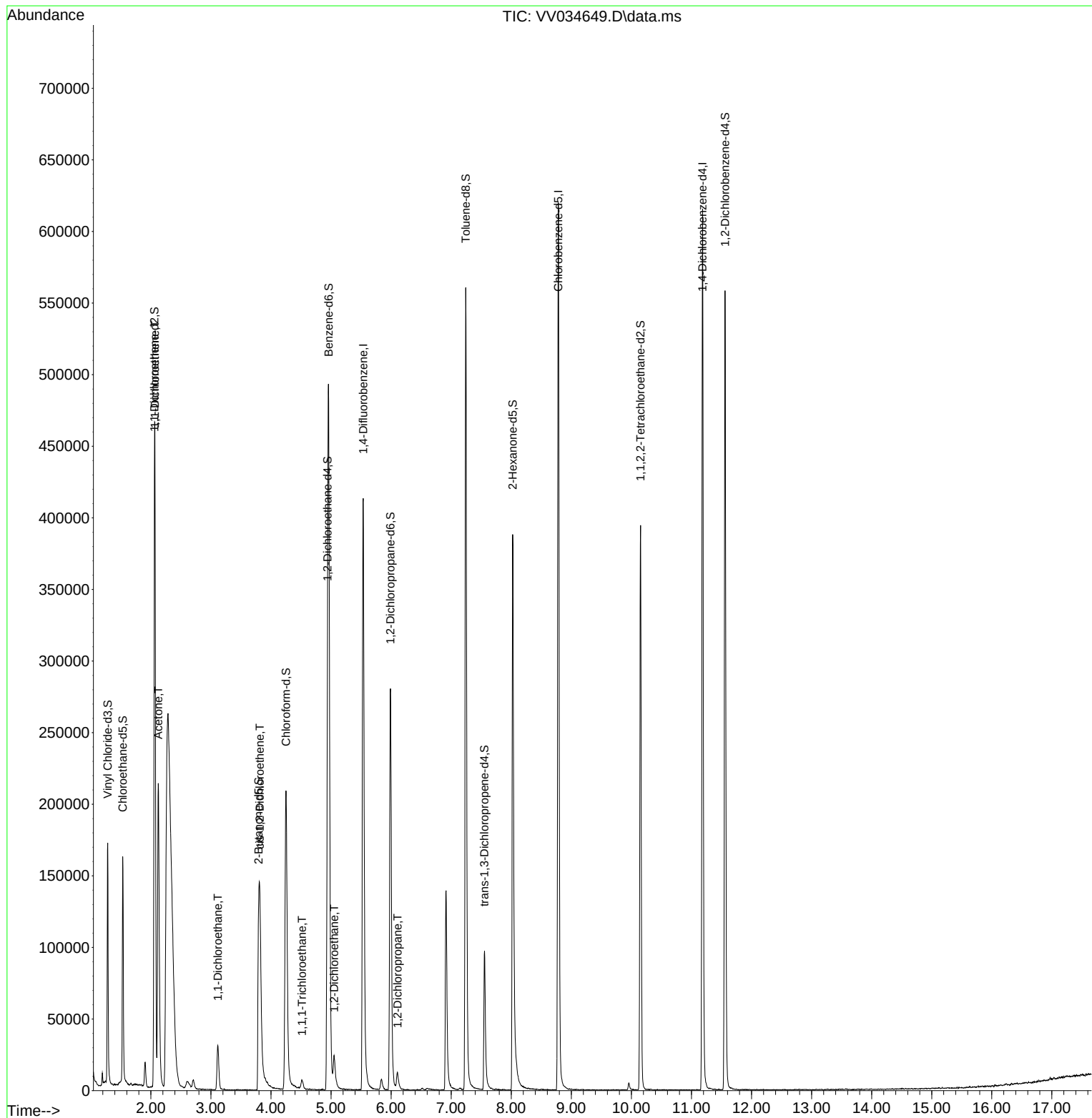
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	359539	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	334335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	156728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	107008	34.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.660%
7) Chloroethane-d5	1.532	69	95781	39.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	2.060	65	52673	37.368	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.740%
21) 2-Butanone-d5	3.793	46	192681	92.442	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.440%
24) Chloroform-d	4.249	84	222030	40.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.580%
26) 1,2-Dichloroethane-d4	4.941	65	149963	41.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.280%
32) Benzene-d6	4.960	84	426329	42.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
36) 1,2-Dichloropropane-d6	5.989	67	136328	44.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.540%
41) Toluene-d8	7.243	98	369562	40.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.940%
43) trans-1,3-Dichloroprop...	7.555	79	59530	38.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.000%
47) 2-Hexanone-d5	8.024	63	135896	88.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	185405	45.752	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	11.561	152	143577	44.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	70832	26.310	ug/L #	77
13) Acetone	2.124	43	271203	108.234	ug/L	100
19) 1,1-Dichloroethane	3.114	63	32877	6.441	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	42499	15.032	ug/L	92
27) 1,2-Dichloroethane	5.053	62	20225	4.705	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	5467	1.140	ug/L	92
37) 1,2-Dichloropropane	6.108	63	5400	1.987	ug/L #	87

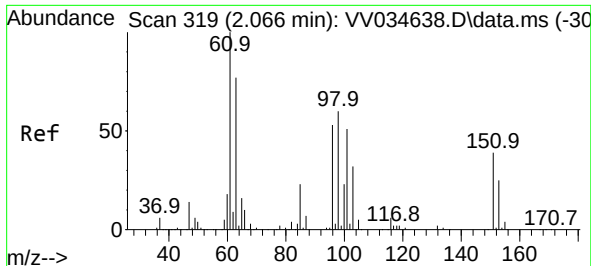
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 26.310 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034649.D

Acq: 15 Mar 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

YCL41

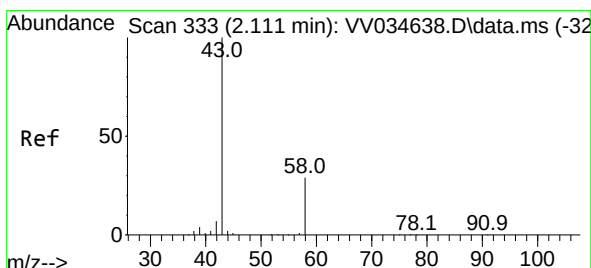
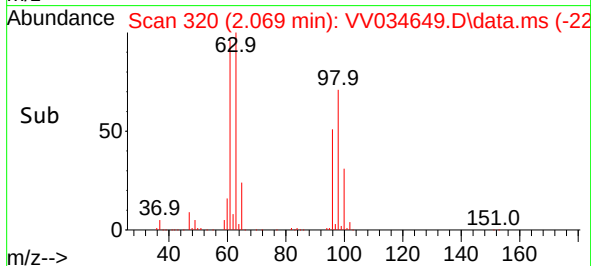
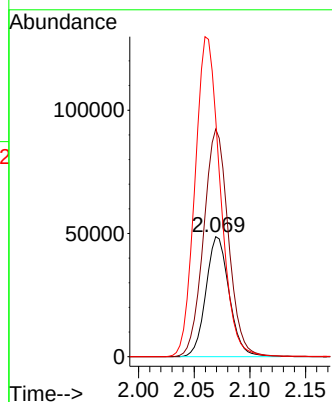
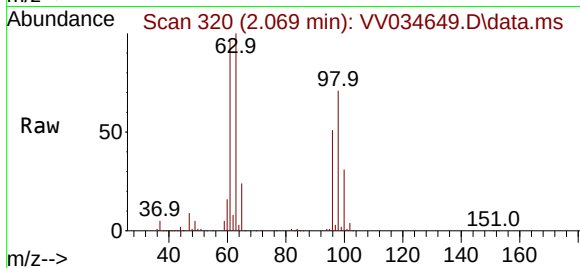
Tgt Ion: 96 Resp: 70832

Ion Ratio Lower Upper

96 100

61 189.4 128.9 239.3

63 198.0 98.0 182.0#



#13

Acetone

Concen: 108.234 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.013 min

Lab File: VV034649.D

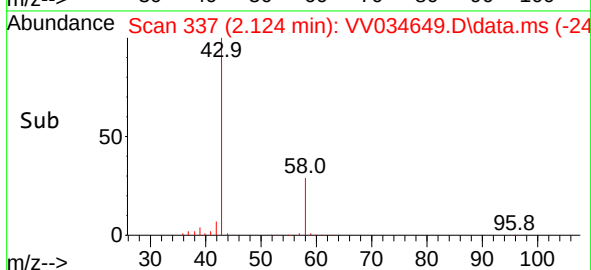
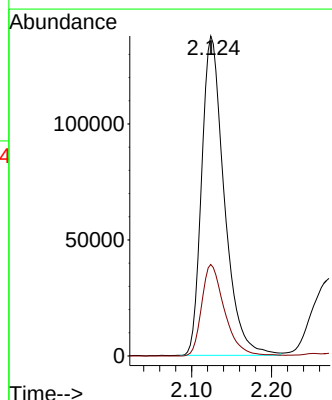
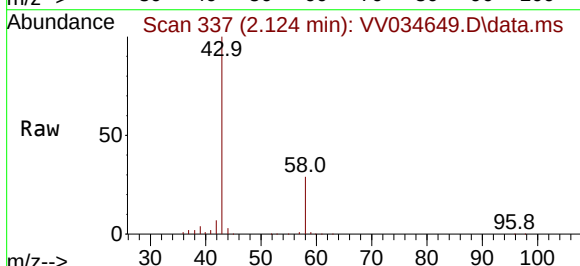
Acq: 15 Mar 2024 13:31

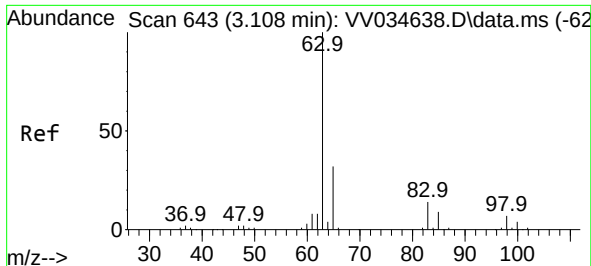
Tgt Ion: 43 Resp: 271203

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.2





#19

1,1-Dichloroethane

Concen: 6.441 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV034649.D

Acq: 15 Mar 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

YCL41

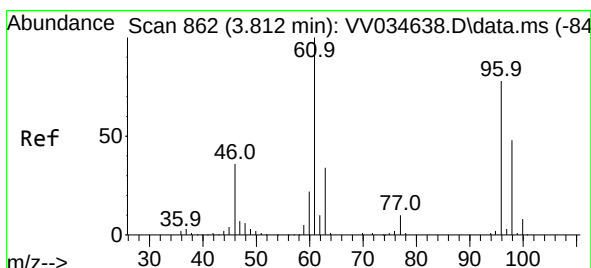
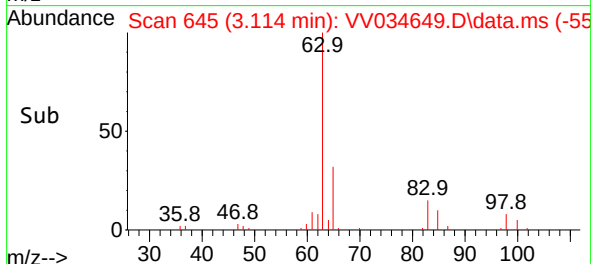
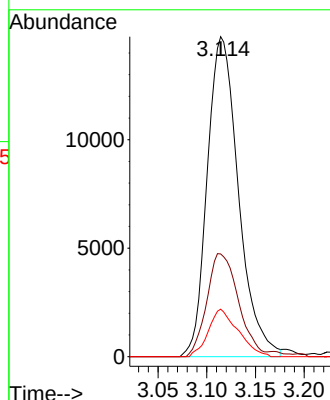
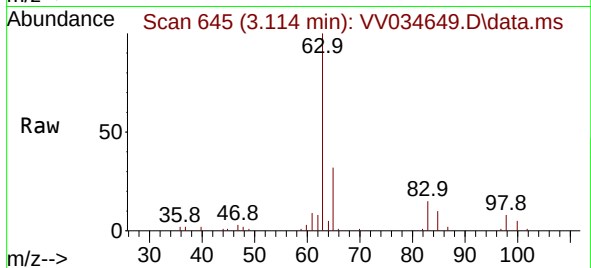
Tgt Ion: 63 Resp: 32877

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 14.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 15.032 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034649.D

Acq: 15 Mar 2024 13:31

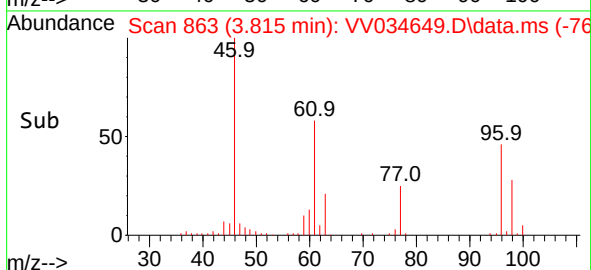
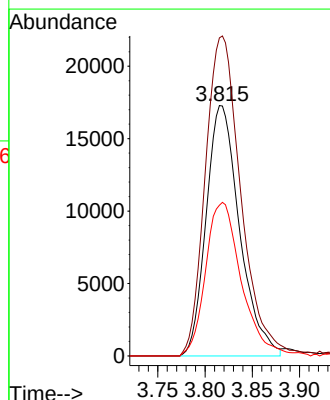
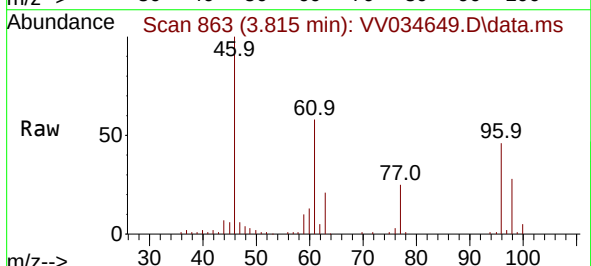
Tgt Ion: 96 Resp: 42499

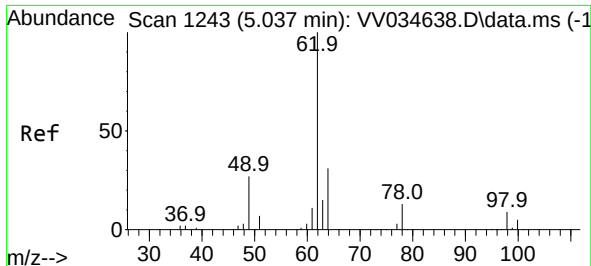
Ion Ratio Lower Upper

96 100

61 127.0 96.0 178.4

98 60.2 46.0 85.4





#27

1,2-Dichloroethane

Concen: 4.705 ug/L

RT: 5.053 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV034649.D

Acq: 15 Mar 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

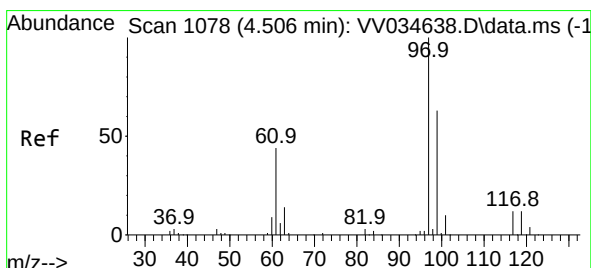
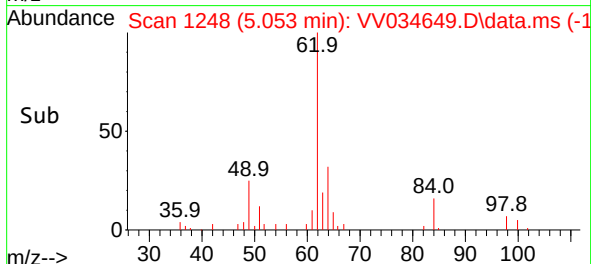
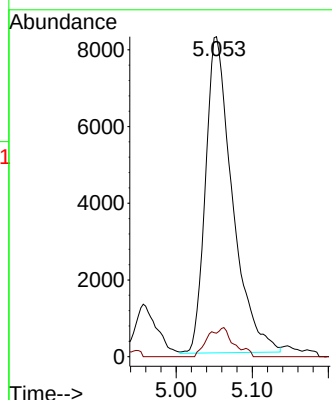
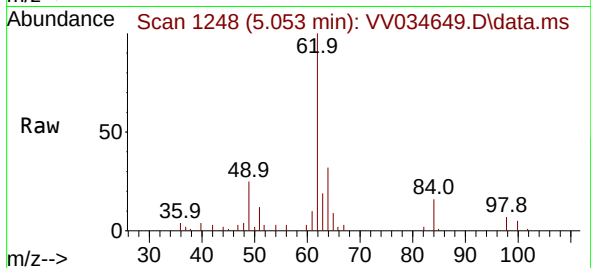
YCL41

Tgt Ion: 62 Resp: 20225

Ion Ratio Lower Upper

62 100

98 7.3 6.6 10.0



#30

1,1,1-Trichloroethane

Concen: 1.140 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.010 min

Lab File: VV034649.D

Acq: 15 Mar 2024 13:31

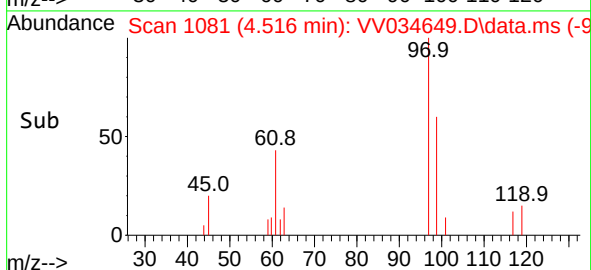
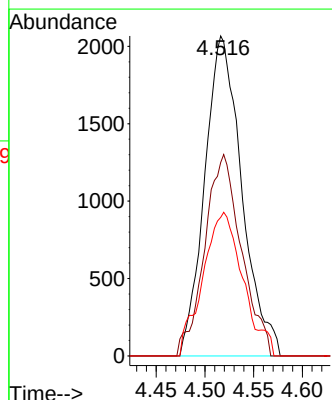
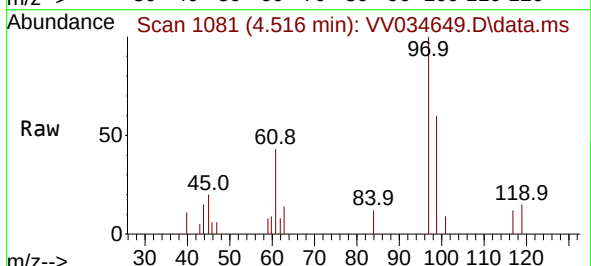
Tgt Ion: 97 Resp: 5467

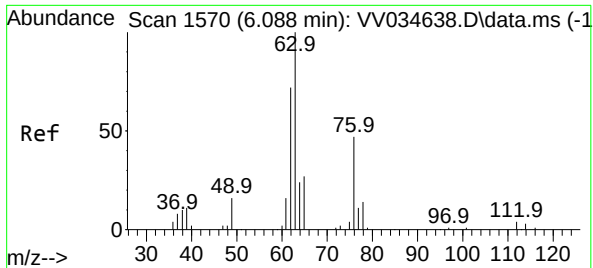
Ion Ratio Lower Upper

97 100

99 61.0 51.3 76.9

61 36.2 36.0 54.0





#37
1,2-Dichloropropane
Concen: 1.987 ug/L
RT: 6.108 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV034649.D
Acq: 15 Mar 2024 13:31

Instrument :
MSVOA_V
ClientSampleId :
YCL41

Tgt Ion: 63 Resp: 5400
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

