

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034648.D
 Acq On : 15 Mar 2024 13:07
 Operator : SY/MD
 Sample : P1752-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:33:42 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)

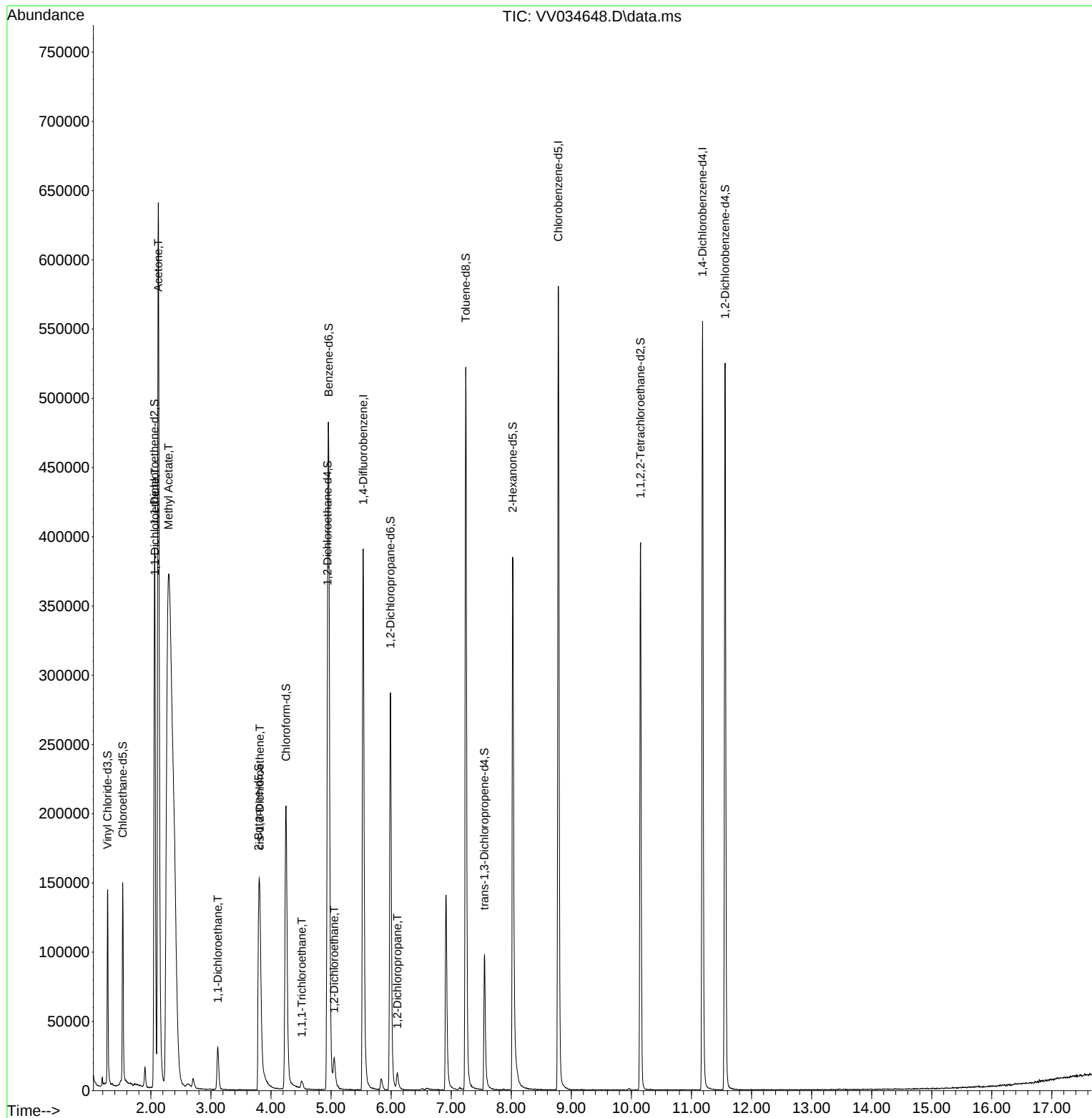
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	339697	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90203	30.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.260%		
7) Chloroethane-d5	1.532	69	86819	37.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.680%		
11) 1,1-Dichloroethene-d2	2.060	65	44086	33.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.200%		
21) 2-Butanone-d5	3.796	46	202370	102.762	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.760%		
24) Chloroform-d	4.249	84	219941	42.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.480%		
26) 1,2-Dichloroethane-d4	4.940	65	155374	45.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.320%		
32) Benzene-d6	4.960	84	416699	45.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.300%		
36) 1,2-Dichloropropane-d6	5.989	67	135778	48.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.420%		
41) Toluene-d8	7.243	98	344676	41.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.540%		
43) trans-1,3-Dichloroprop...	7.554	79	57861	40.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.820%		
47) 2-Hexanone-d5	8.024	63	137321	97.634	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.630%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183719	49.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.140%		
66) 1,2-Dichlorobenzene-d4	11.561	152	133852	46.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	57468	22.593	ug/L #	76
13) Acetone	2.124	43	844938	356.900	ug/L	98
15) Methyl Acetate	2.294	43	114571	37.828	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	31662	6.565	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	42615	15.953	ug/L	94
27) 1,2-Dichloroethane	5.053	62	21087	5.192	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	4648	1.060	ug/L #	70
37) 1,2-Dichloropropane	6.104	63	4741	1.908	ug/L #	91

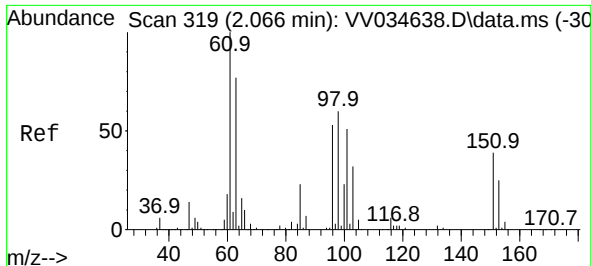
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.593 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034648.D

Acq: 15 Mar 2024 13:07

Instrument :

MSVOA_V

ClientSampleId :

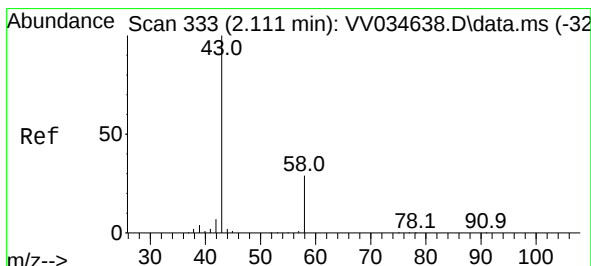
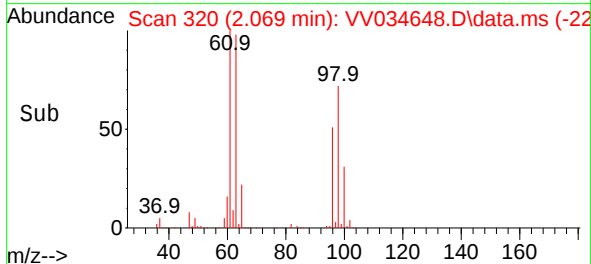
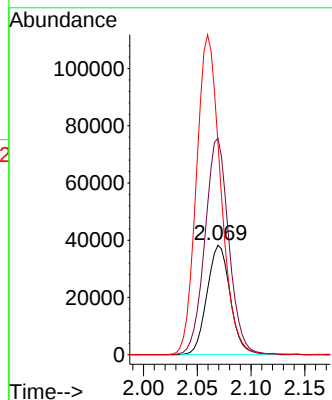
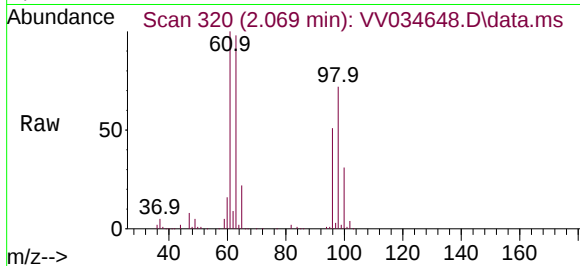
Tgt Ion: 96 Resp: 57468

Ion Ratio Lower Upper

96 100

61 197.9 128.9 239.3

63 193.7 98.0 182.0#



#13

Acetone

Concen: 356.900 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.013 min

Lab File: VV034648.D

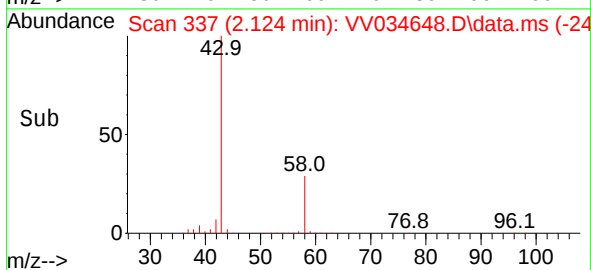
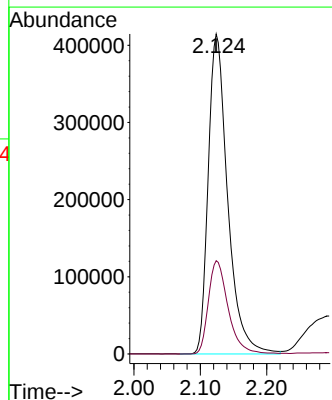
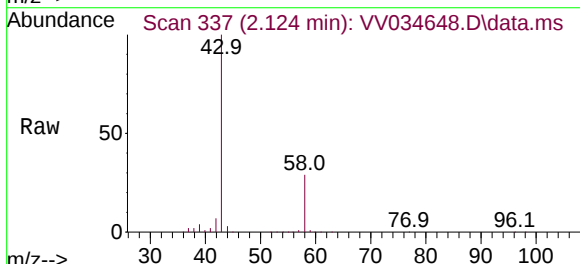
Acq: 15 Mar 2024 13:07

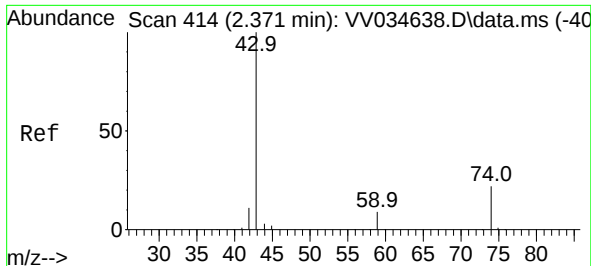
Tgt Ion: 43 Resp: 844938

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.2





#15

Methyl Acetate

Concen: 37.828 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.077 min

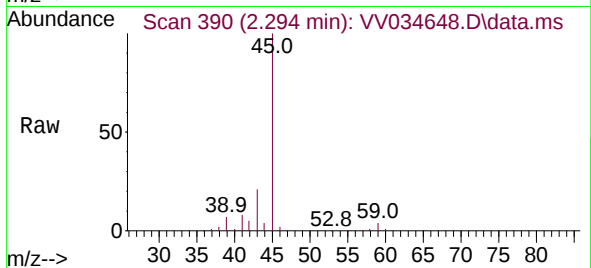
Lab File: VV034648.D

Acq: 15 Mar 2024 13:07

Instrument :

MSVOA_V

ClientSampleId :

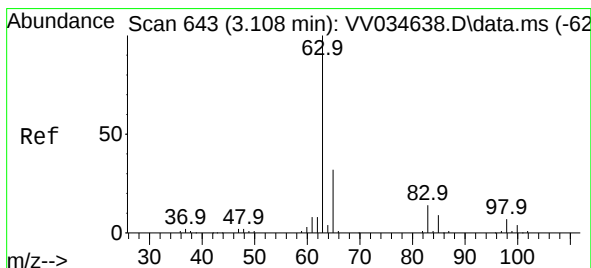
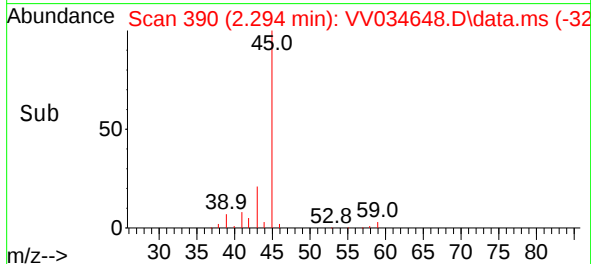
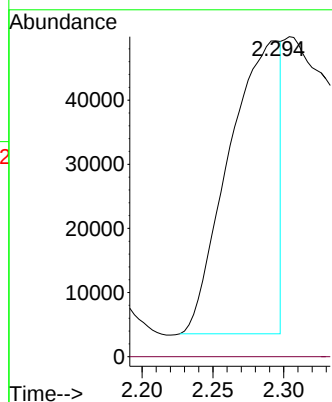


Tgt Ion: 43 Resp: 114571

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

1,1-Dichloroethane

Concen: 6.565 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.006 min

Lab File: VV034648.D

Acq: 15 Mar 2024 13:07

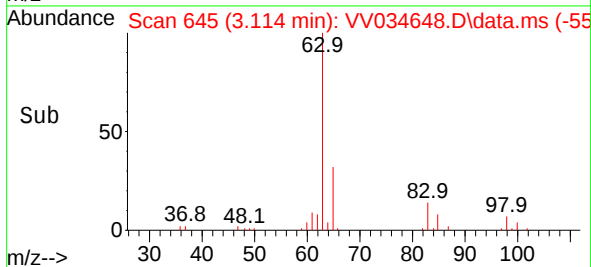
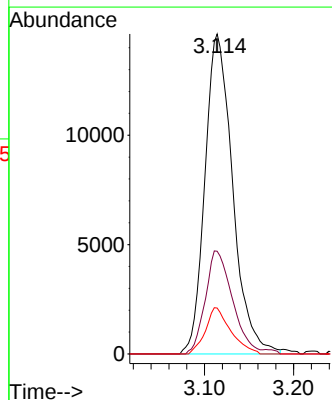
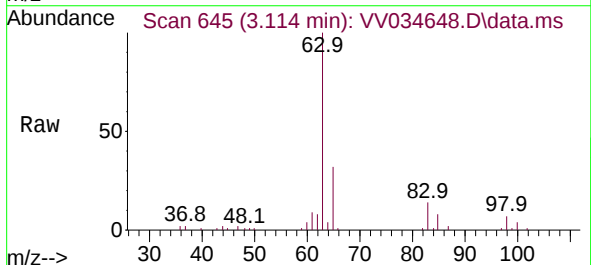
Tgt Ion: 63 Resp: 31662

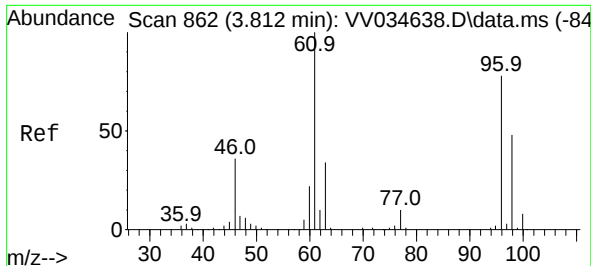
Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

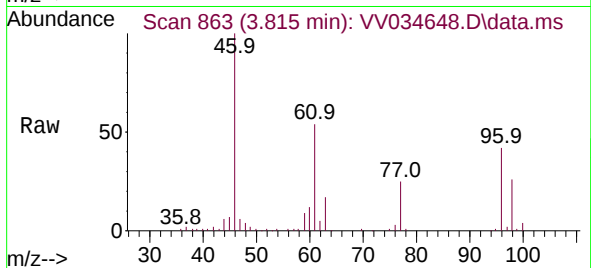
83 14.4 9.9 18.3



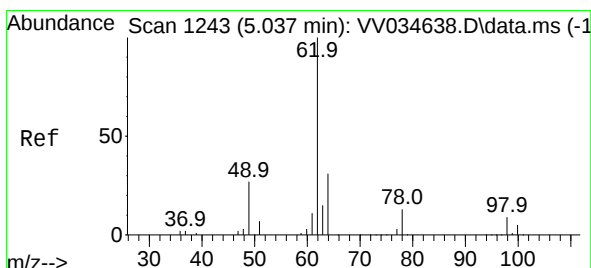
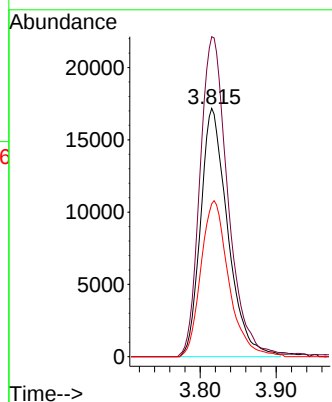
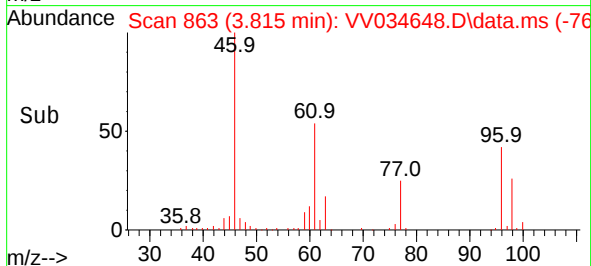


#20
cis-1,2-Dichloroethene
Concen: 15.953 ug/L
RT: 3.815 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV034648.D
Acq: 15 Mar 2024 13:07

Instrument :
MSVOA_V
ClientSampleId :

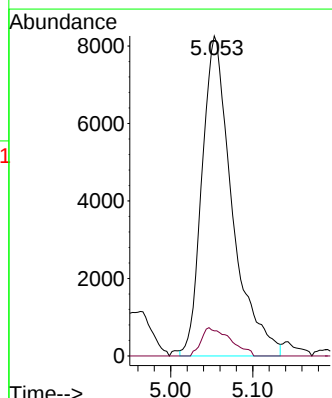
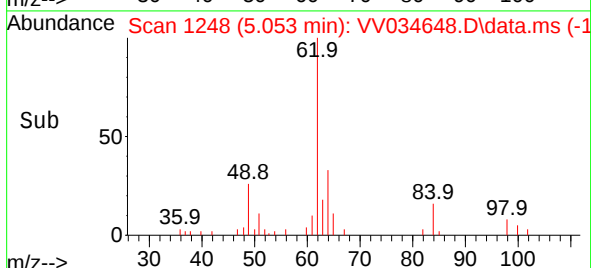
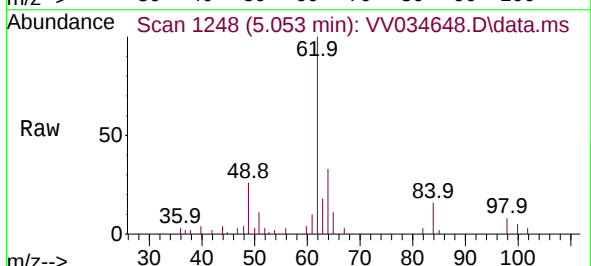


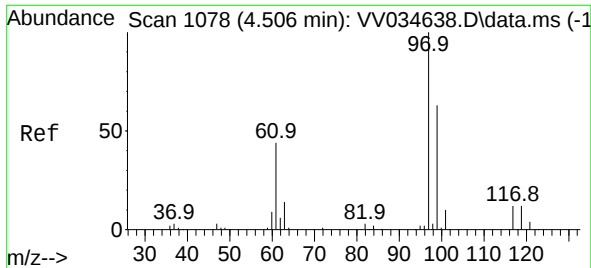
Tgt Ion: 96 Resp: 42615
Ion Ratio Lower Upper
96 100
61 128.9 96.0 178.4
98 61.6 46.0 85.4



#27
1,2-Dichloroethane
Concen: 5.192 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV034648.D
Acq: 15 Mar 2024 13:07

Tgt Ion: 62 Resp: 21087
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#30

1,1,1-Trichloroethane

Concen: 1.060 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV034648.D

Acq: 15 Mar 2024 13:07

Instrument :

MSVOA_V

ClientSampleId :

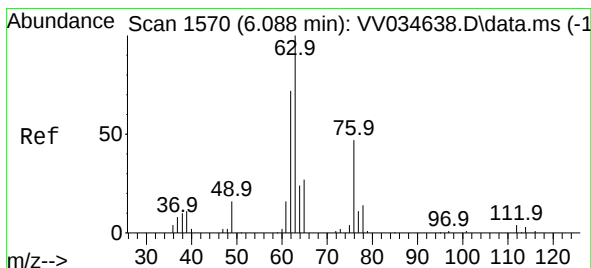
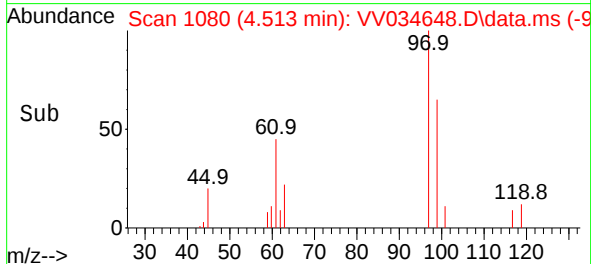
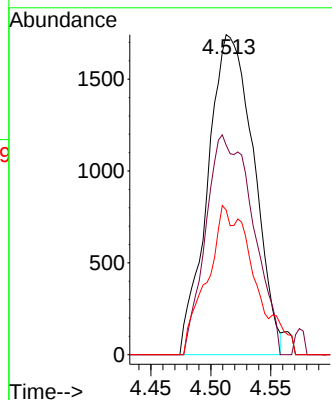
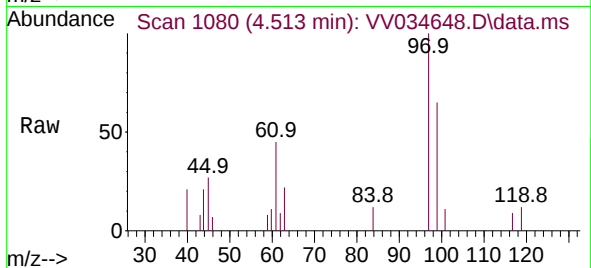
Tgt Ion: 97 Resp: 4648

Ion Ratio Lower Upper

97 100

99 41.5 51.3 76.9#

61 23.6 36.0 54.0#



#37

1,2-Dichloropropane

Concen: 1.908 ug/L

RT: 6.104 min Scan# 1575

Delta R.T. 0.016 min

Lab File: VV034648.D

Acq: 15 Mar 2024 13:07

Tgt Ion: 63 Resp: 4741

Ion Ratio Lower Upper

63 100

112 1.3 3.5 5.3#

