

Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC0

Quant Time: Jan 25 00:24:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	896869	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.90	117	811778	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	351398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	180015	2.87	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.40%
7) Chloroethane-d5	1.60	69	172778	3.56	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.15	63	212195	2.29	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.02	46	387411	25.70	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.40%
24) Chloroform-d	4.41	84	365767	3.02	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.40%#
26) 1,2-Dichloroethane-d4	5.10	65	288681	4.75	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	1097791	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.15	67	383650	5.11	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.39	98	871639	3.94	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.68	79	127594	3.84	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.15	63	771638	54.85	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	280399	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	310766	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	3068	0.076	ug/L #	29
14) Carbon disulfide	2.52	76	376784	2.119	ug/L	99
15) Methyl Acetate	2.51	43	42302	1.750	ug/L #	89
16) Methylene chloride	2.56	84	81985	1.257	ug/L	87
18) trans-1,2-Dichloroethene	2.81	96	36483	0.606	ug/L	98
19) 1,1-Dichloroethane	3.24	63	107800	0.913	ug/L	99
21) 2-Butanone	4.10	43	30252	1.943	ug/L	89
22) cis-1,2-Dichloroethene	3.98	96	8438570	127.808	ug/L #	100
25) Chloroform	4.44	83	11741	0.104	ug/L	86
27) 1,2-Dichloroethane	5.20	62	9948	0.147	ug/L	95
33) Benzene	5.15	78	35288	0.141	ug/L	100
34) Trichloroethene	5.99	95	15171026	236.141	ug/L	96
35) Methylcyclohexane	6.16	83	89118	0.848	ug/L #	18
37) 1,2-Dichloropropane	6.16	63	37748	0.598	ug/L #	88
44) trans-1,3-Dichloropropene	7.68	75	7109	0.091	ug/L #	46
45) 1,1,2-Trichloroethane	7.90	97	40327	1.000	ug/L	94
47) Tetrachloroethene	8.04	164	51175	1.166	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Quantitation Report (Not Reviewed)

Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC0

Quant Time: Jan 25 00:24:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

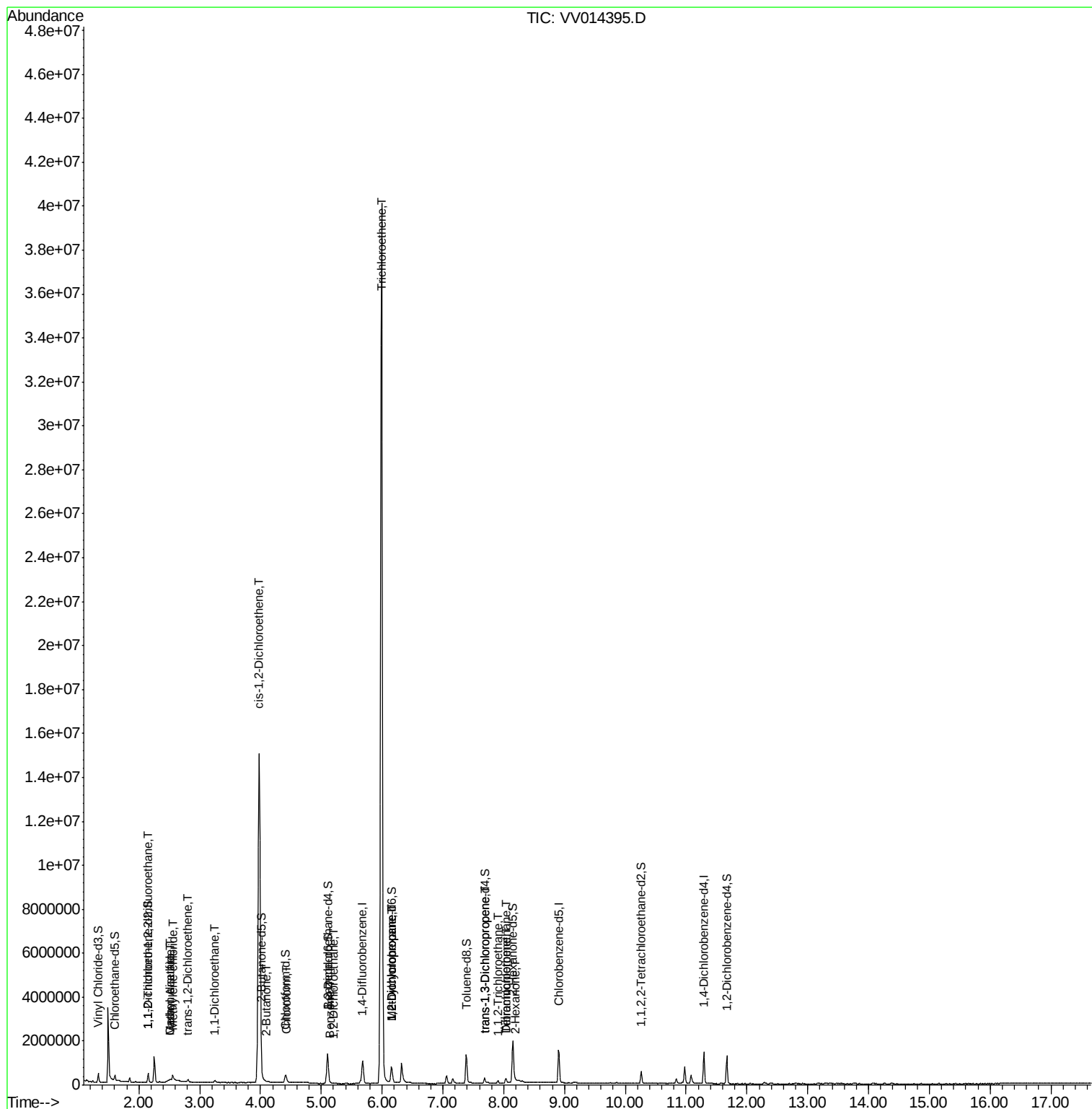
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.20	43	46152	1.677	ug/L #	86
49) Dibromochloromethane	8.04	129	56500	1.109	ug/L #	11

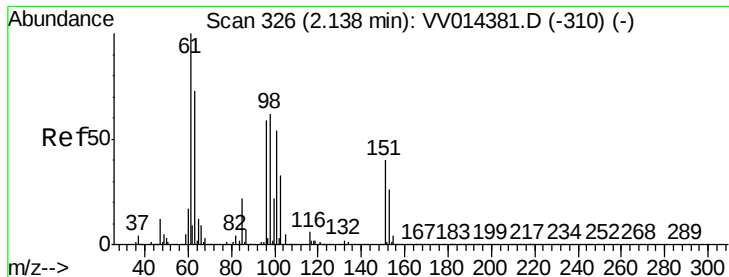
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC0

Quant Time: Jan 25 00:24:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.15 min Scan# 330

Delta R.T. 0.01 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

H0AC0

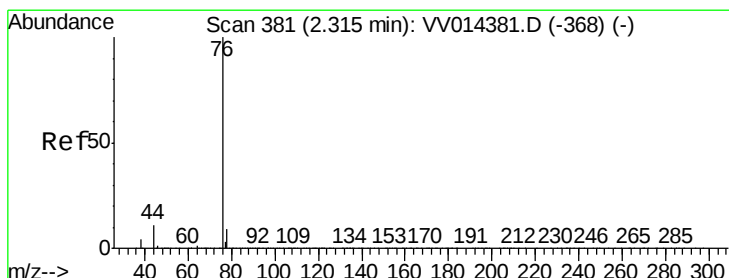
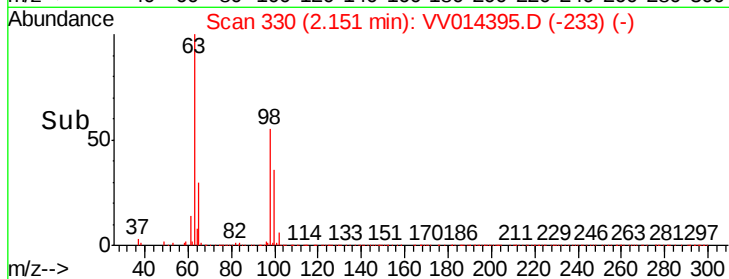
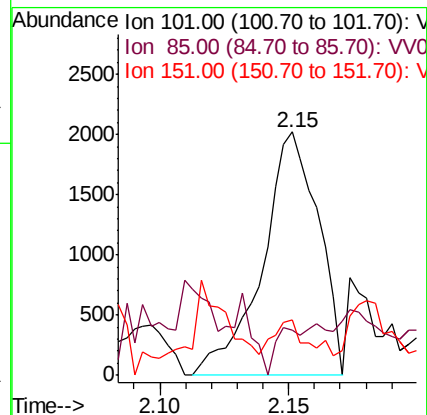
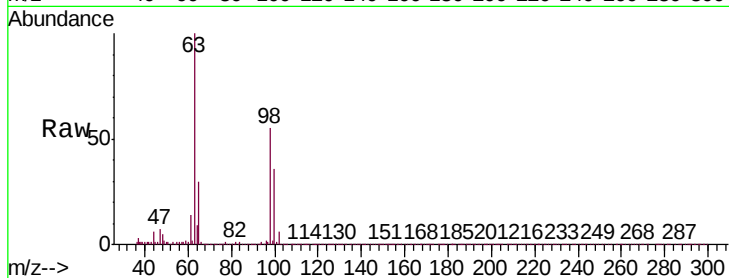
Tgt Ion:101 Resp: 3068

Ion Ratio Lower Upper

101 100

85 8.7 34.9 52.3#

151 8.1 62.5 93.7#



#14

Carbon disulfide

Concen: 2.119 ug/L

RT: 2.52 min Scan# 444

Delta R.T. 0.20 min

Lab File: VV014395.D

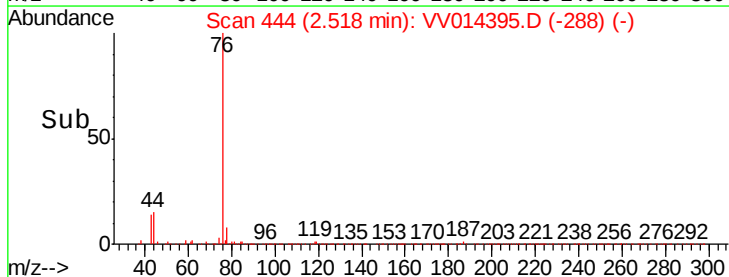
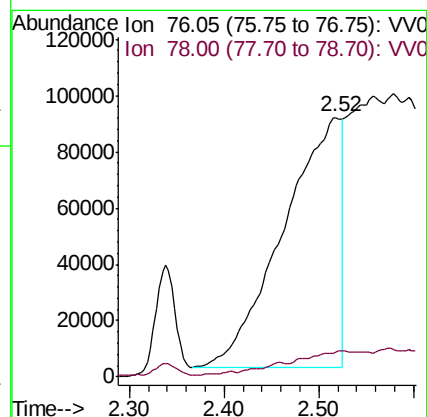
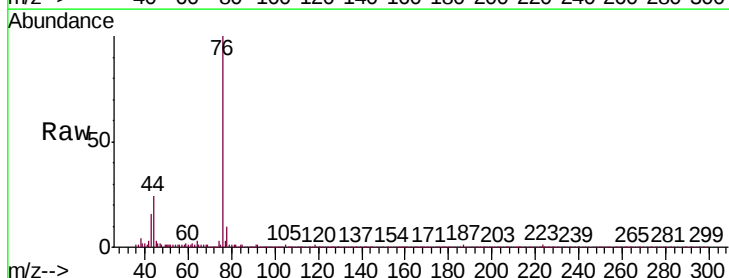
Acq: 24 Jan 2020 17:58

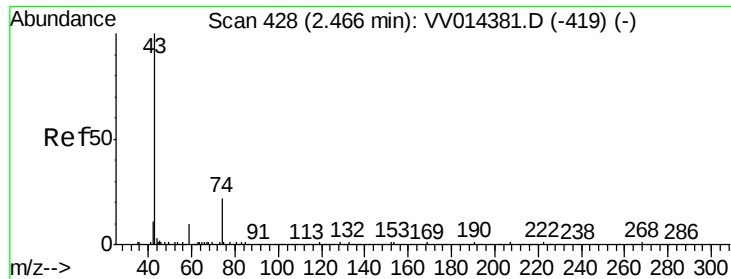
Tgt Ion: 76 Resp: 376784

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

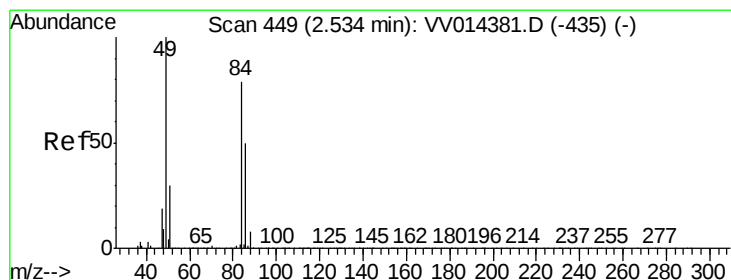
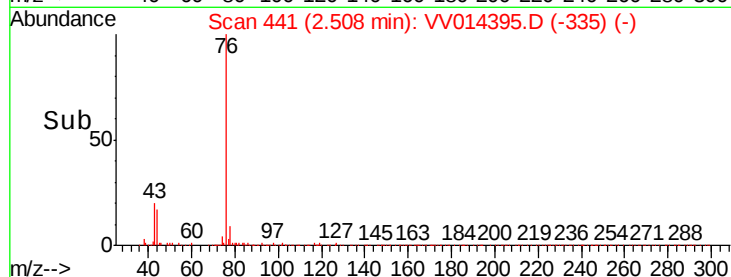
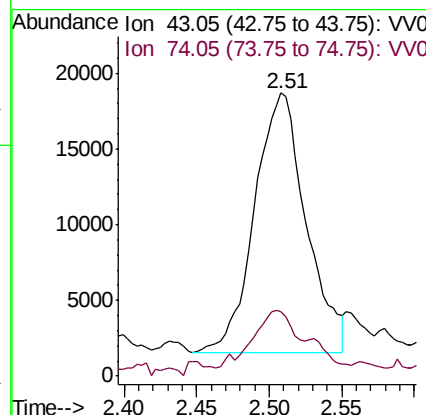
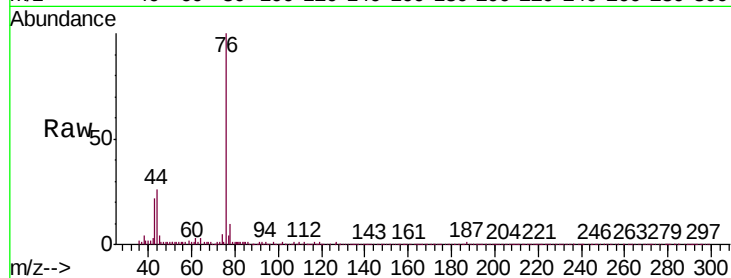




#15
Methyl Acetate
Concen: 1.750 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.04 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

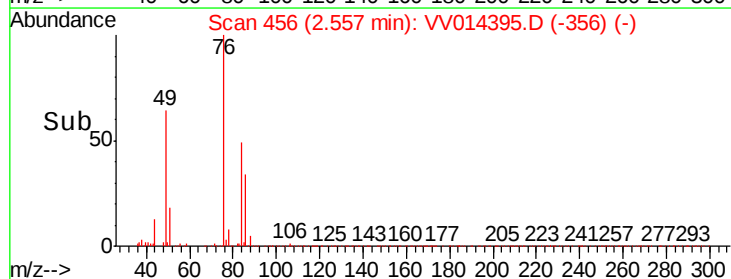
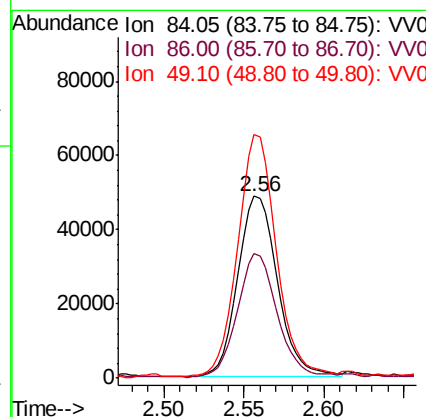
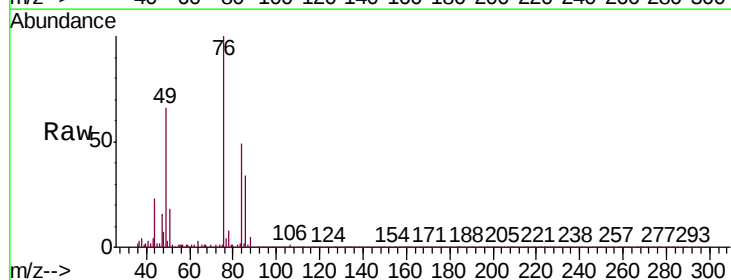
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

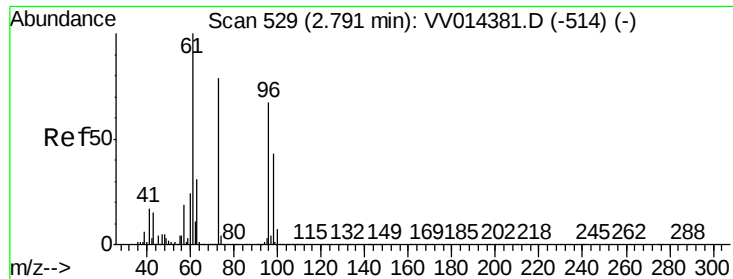
Tgt Ion: 43 Resp: 42302
Ion Ratio Lower Upper
43 100
74 18.0 18.6 28.0#



#16
Methylene chloride
Concen: 1.257 ug/L
RT: 2.56 min Scan# 456
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Tgt Ion: 84 Resp: 81985
Ion Ratio Lower Upper
84 100
86 68.4 43.1 80.1
49 133.8 82.1 152.5

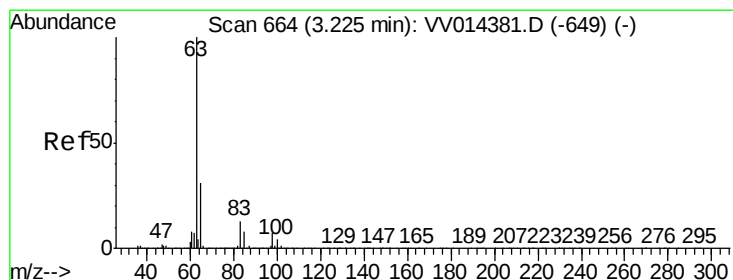
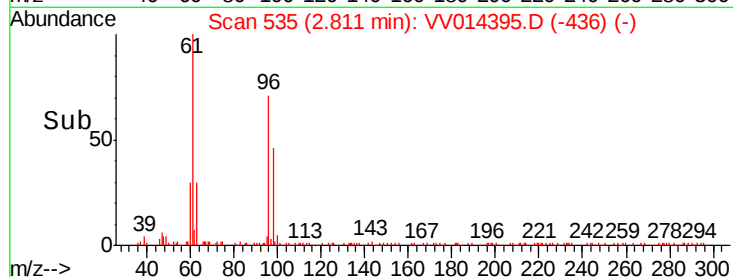
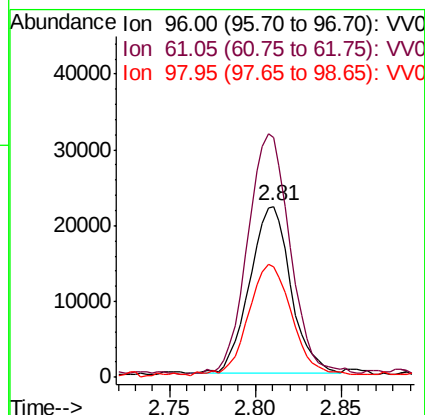
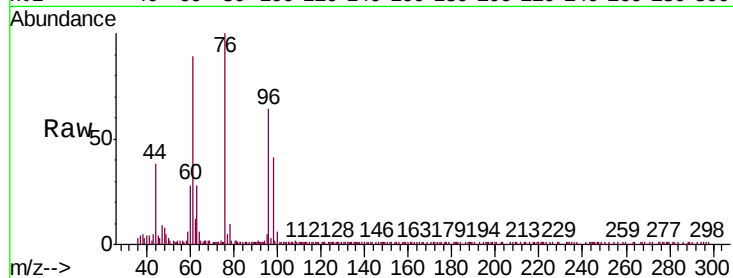




#18
trans-1,2-Dichloroethene
Concen: 0.606 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

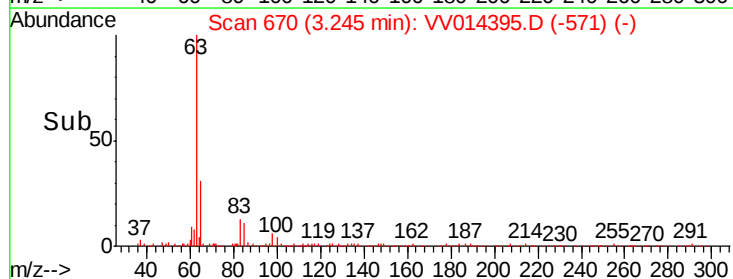
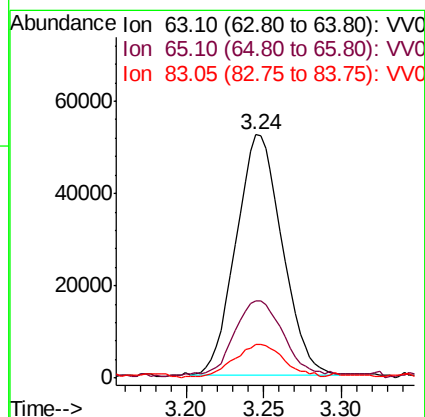
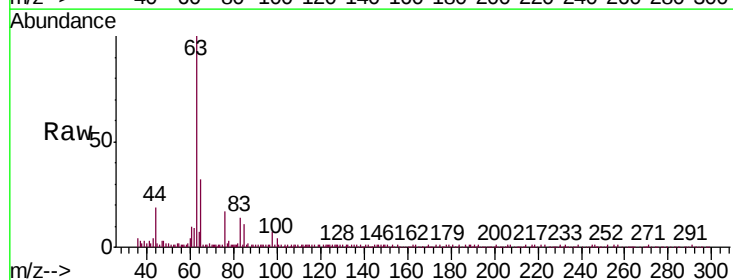
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

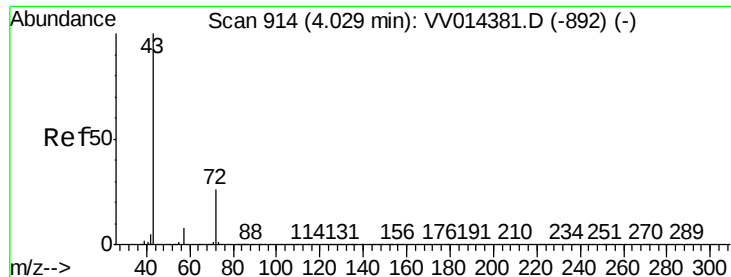
Tgt Ion: 96 Resp: 36483
Ion Ratio Lower Upper
96 100
61 139.8 99.2 184.2
98 64.9 43.1 80.1



#19
1,1-Dichloroethane
Concen: 0.913 ug/L
RT: 3.24 min Scan# 670
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Tgt Ion: 63 Resp: 107800
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.3
83 13.8 10.0 18.6





#21

2-Butanone

Concen: 1.943 ug/L

RT: 4.10 min Scan# 937

Delta R.T. 0.07 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

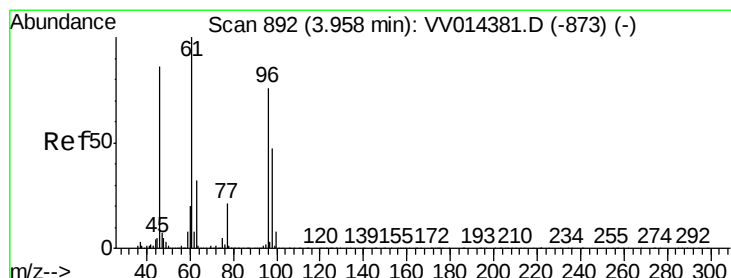
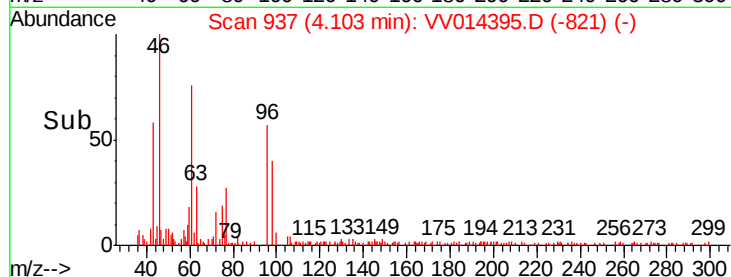
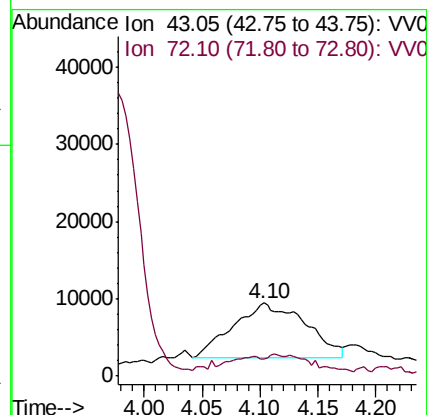
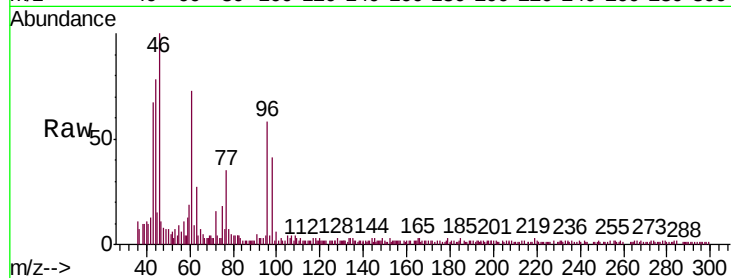
H0AC0

Tgt Ion: 43 Resp: 30252

Ion Ratio Lower Upper

43 100

72 19.4 12.4 37.2



#22

cis-1,2-Dichloroethene

Concen: 127.808 ug/L

RT: 3.98 min Scan# 898

Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

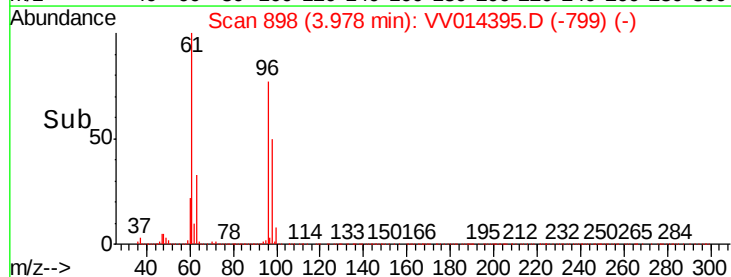
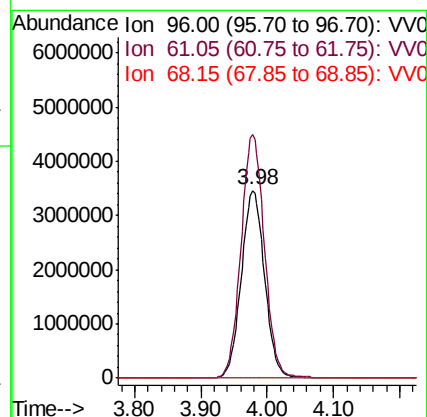
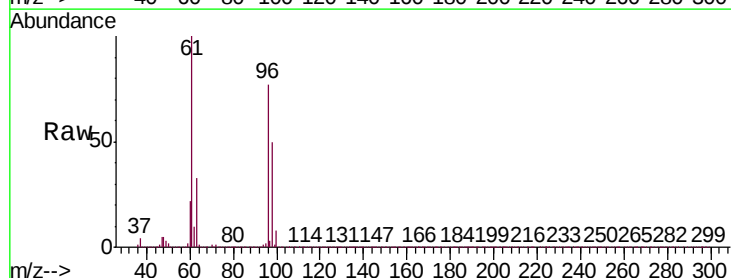
Tgt Ion: 96 Resp: 8438570

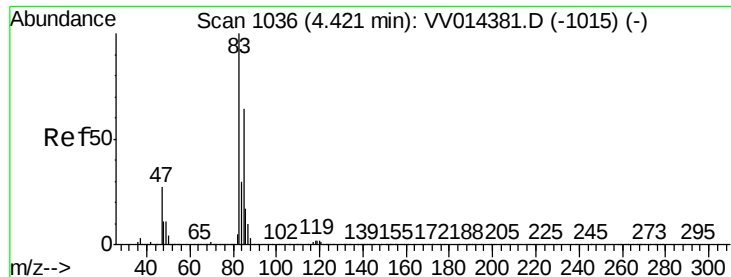
Ion Ratio Lower Upper

96 100

61 129.7 90.6 168.3

68 0.0 0.3 0.7#

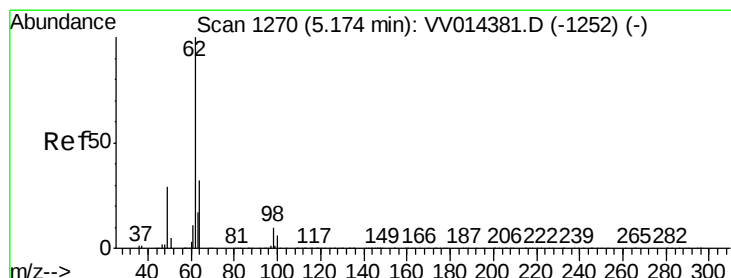
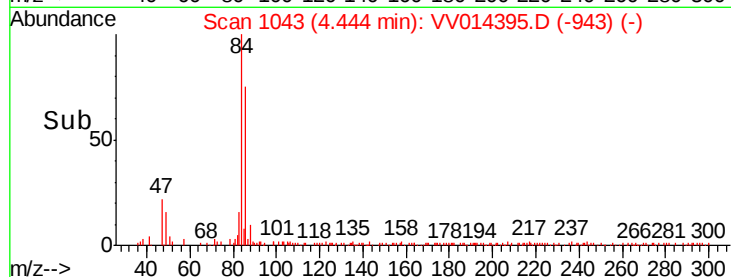
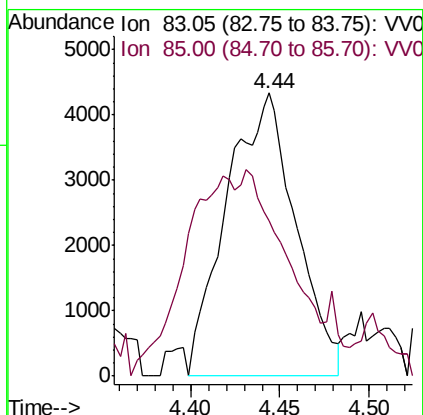
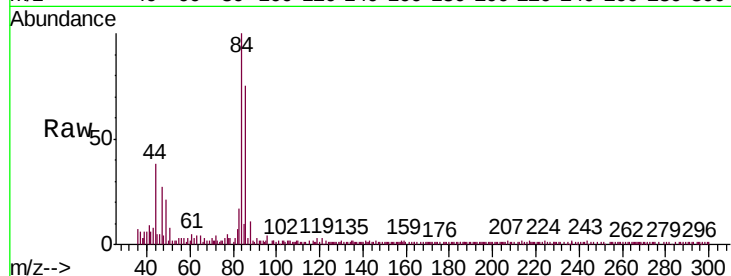




#25
Chloroform
Concen: 0.104 ug/L
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

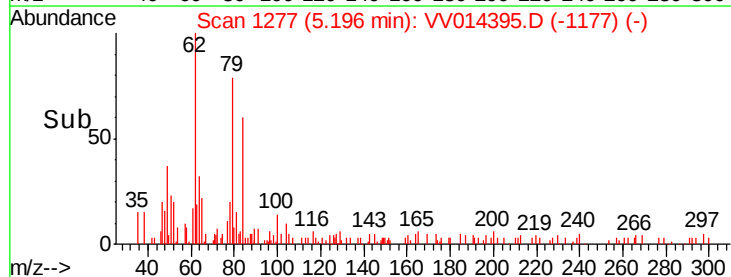
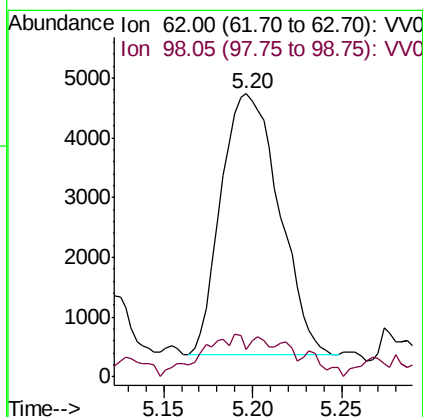
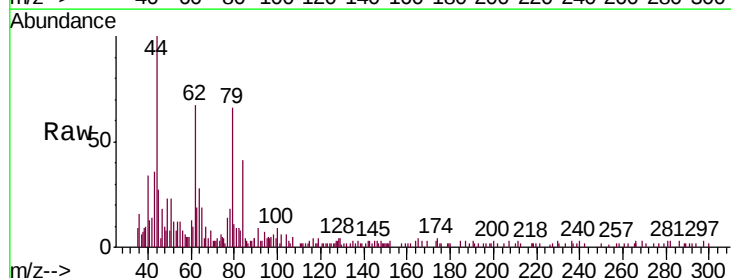
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

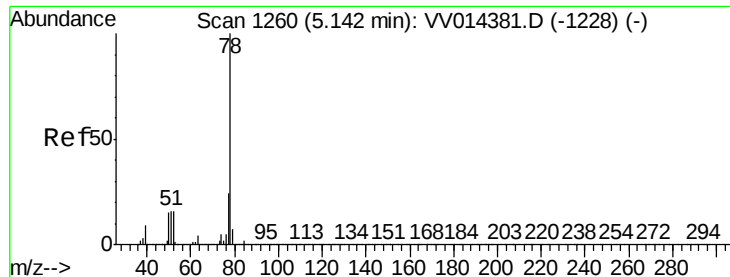
Tgt Ion: 83 Resp: 11741
Ion Ratio Lower Upper
83 100
85 55.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.147 ug/L
RT: 5.20 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Tgt Ion: 62 Resp: 9948
Ion Ratio Lower Upper
62 100
98 9.5 9.2 13.8





#33

Benzene

Concen: 0.141 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

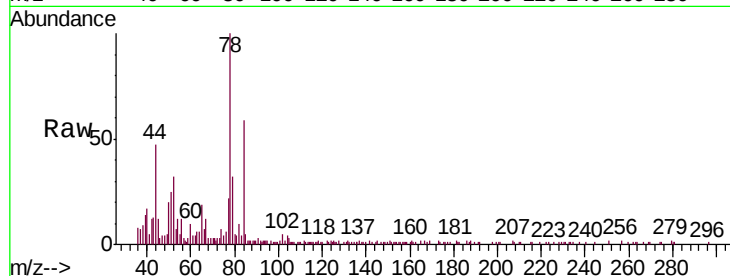
Instrument :

MSVOA_V

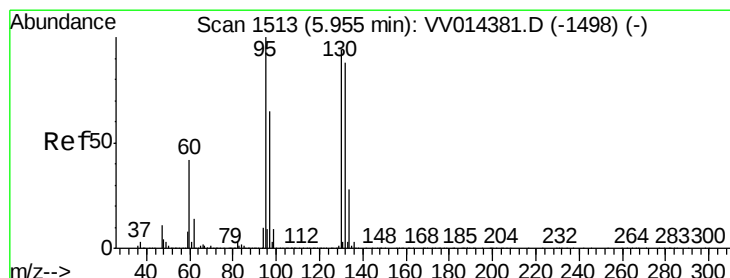
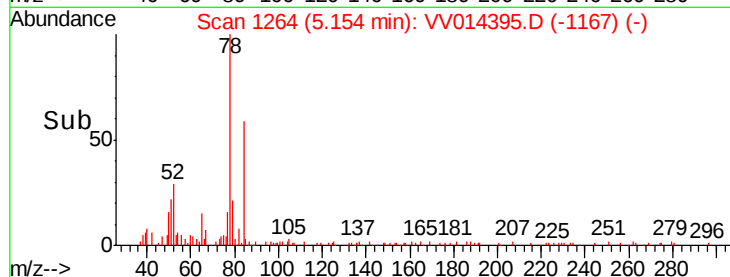
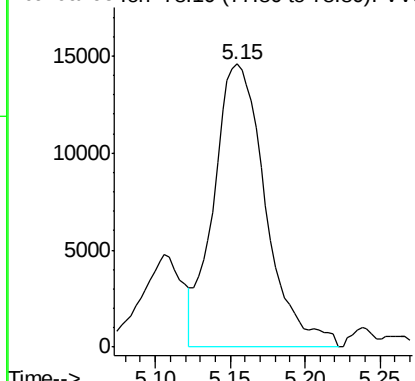
ClientSampleId :

H0AC0

Tgt Ion: 78 Resp: 35288



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 236.141 ug/L

RT: 5.99 min Scan# 1524

Delta R.T. 0.04 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion: 95 Resp: 15171026

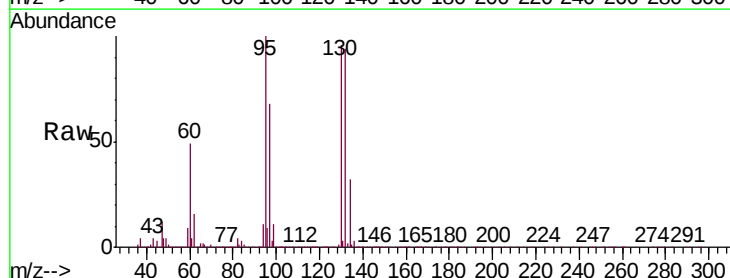
Ion Ratio Lower Upper

95 100

97 67.5 43.8 81.3

132 93.6 63.4 117.8

130 96.2 65.7 122.1

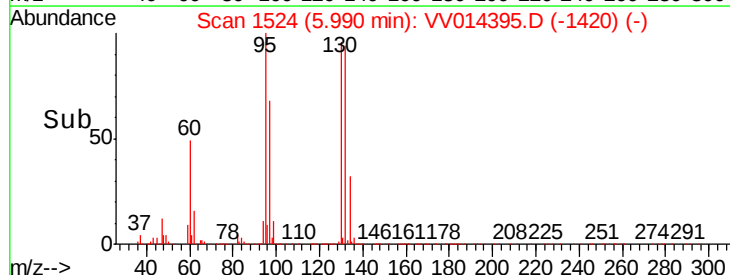
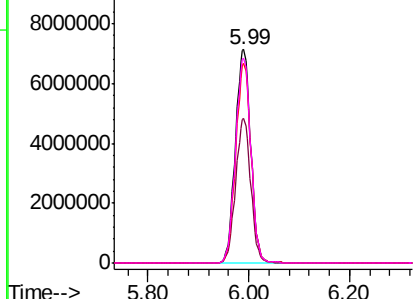


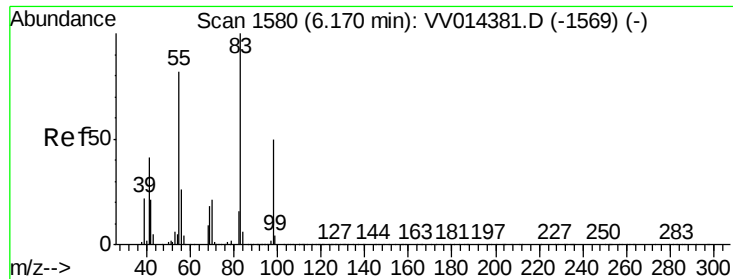
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

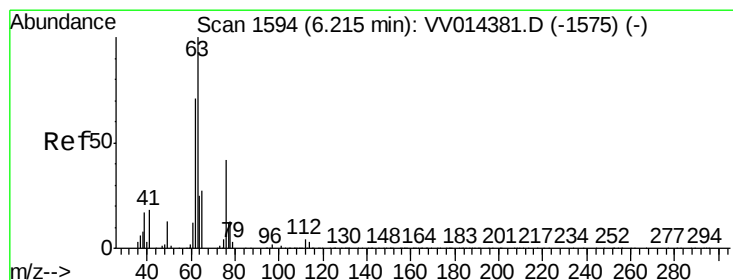
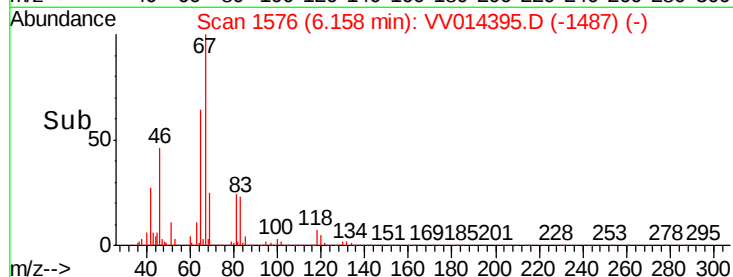
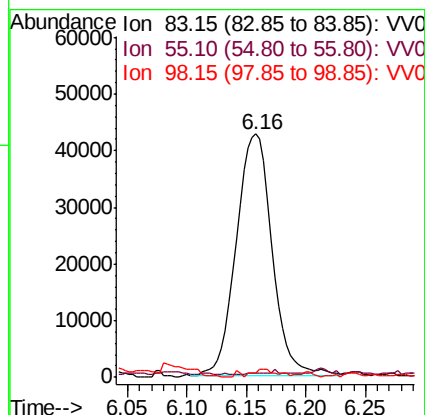
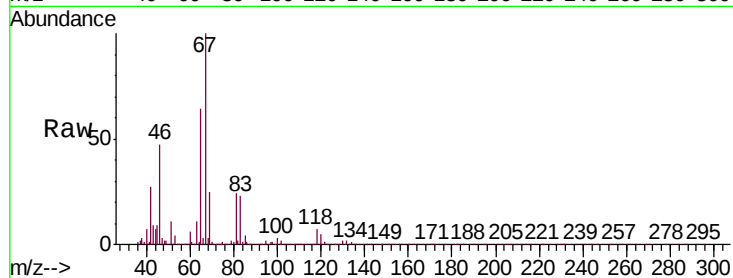




#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

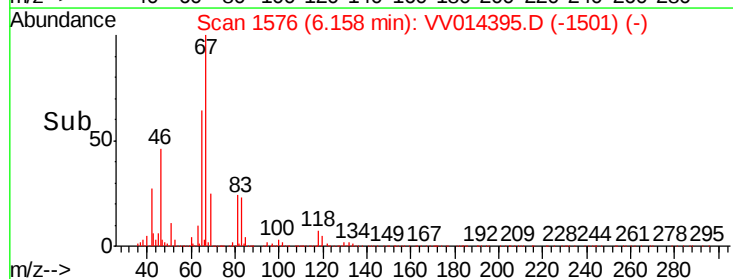
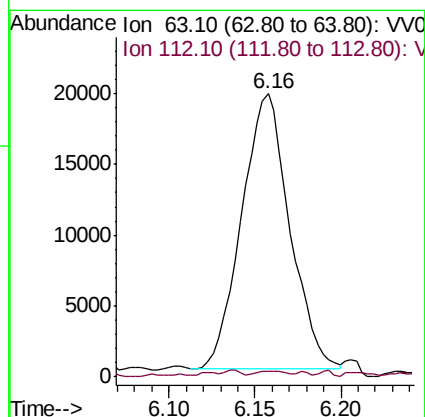
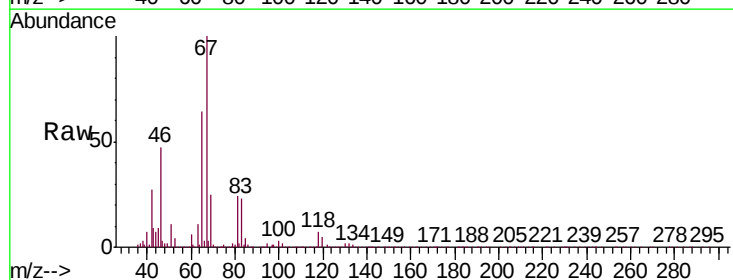
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

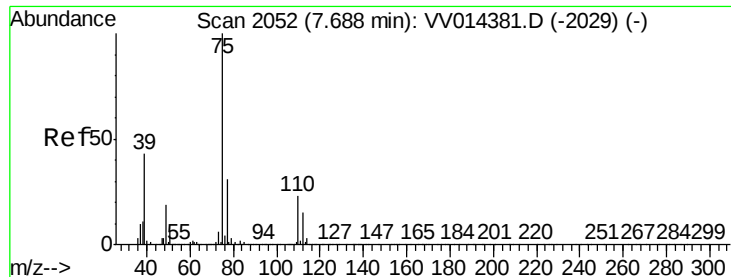
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.7	92.5#
98	0.0	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. -0.06 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.7	5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.68 min Scan# 2051

Delta R.T. -0.00 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

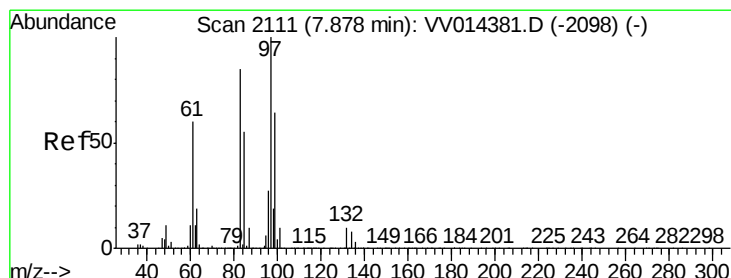
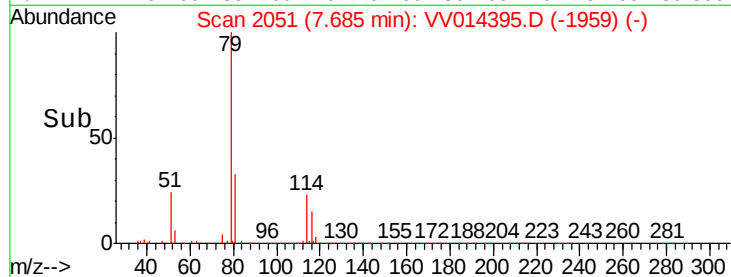
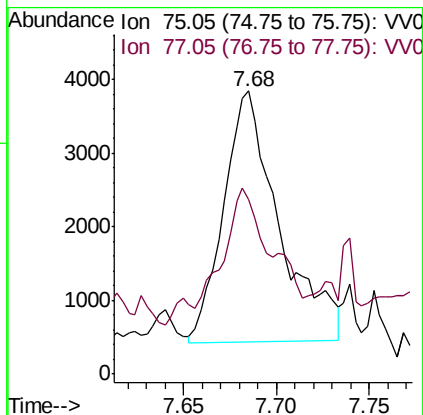
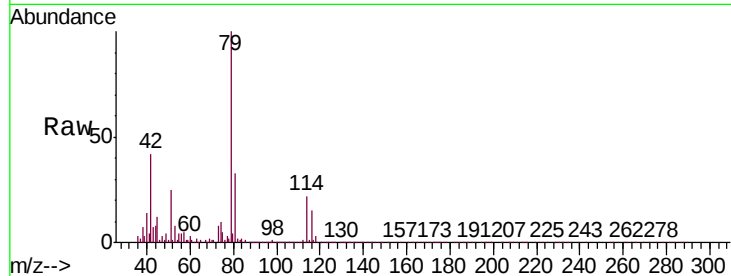
H0AC0

Tgt Ion: 75 Resp: 7109

Ion Ratio Lower Upper

75 100

77 61.6 22.0 41.0#



#45

1,1,2-Trichloroethane

Concen: 1.000 ug/L

RT: 7.90 min Scan# 2119

Delta R.T. 0.03 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion: 97 Resp: 40327

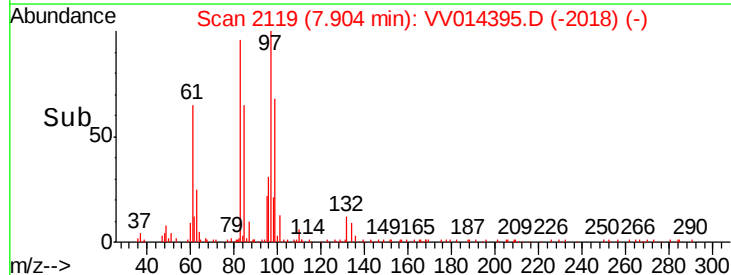
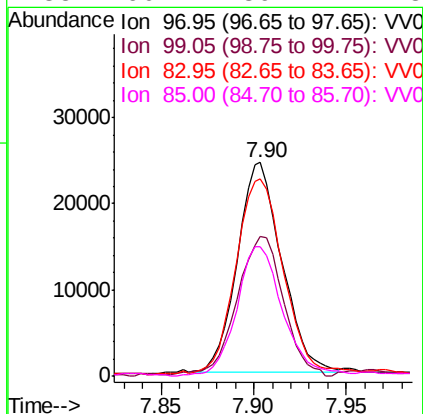
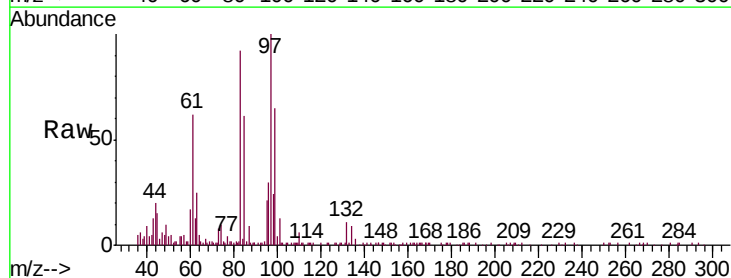
Ion Ratio Lower Upper

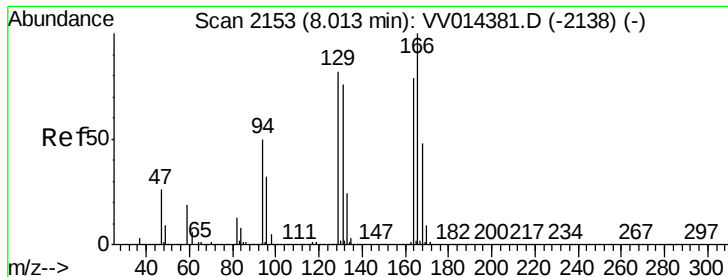
97 100

99 65.4 43.7 81.1

83 92.3 60.0 111.4

85 60.7 39.2 72.8





#47

Tetrachloroethene

Concen: 1.166 ug/L

RT: 8.04 min Scan# 2160

Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

H0AC0

Tgt Ion:164 Resp: 51175

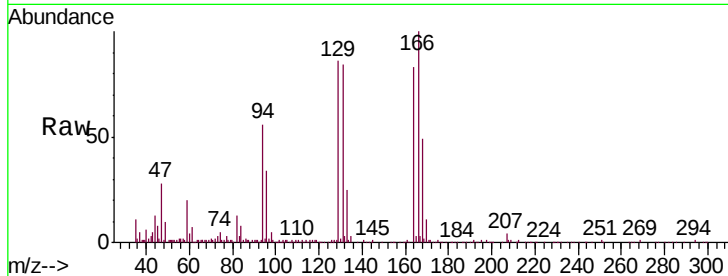
Ion Ratio Lower Upper

164 100

129 103.4 71.7 133.3

131 101.4 70.4 130.8

166 120.2 90.3 167.7



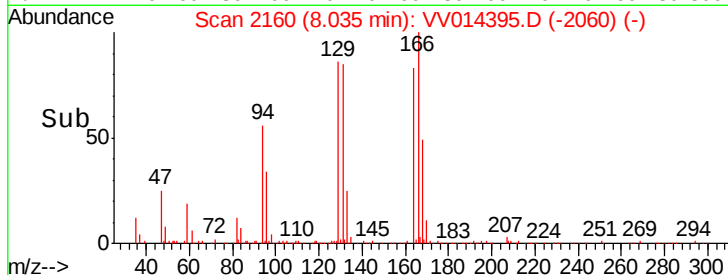
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

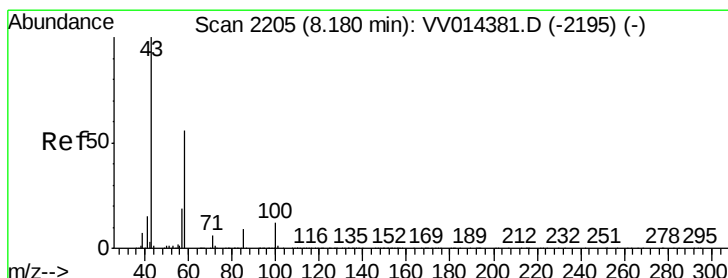
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



Time-->



#48

2-Hexanone

Concen: 1.677 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion: 43 Resp: 46152

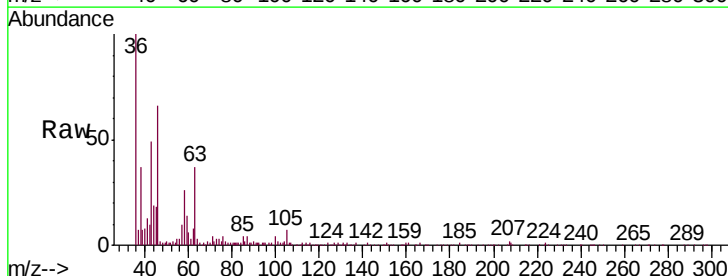
Ion Ratio Lower Upper

43 100

58 45.7 45.4 68.0

57 14.8 15.8 23.8#

100 6.5 10.2 15.4#



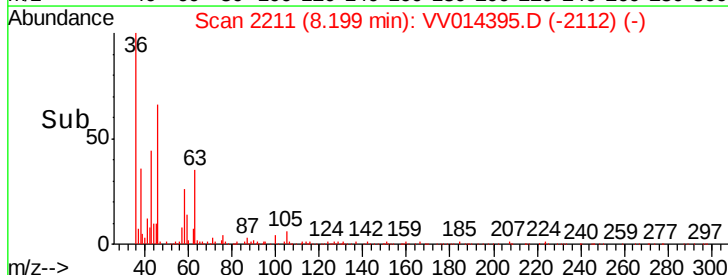
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

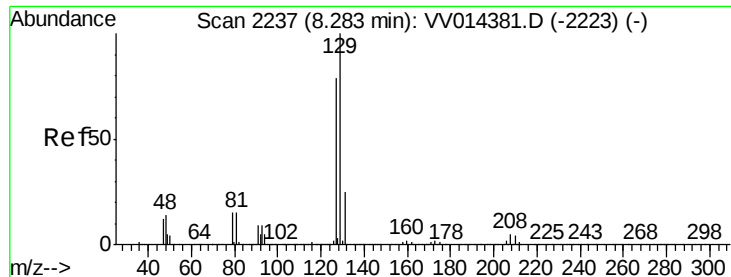
Ion 100.15 (99.85 to 100.85): VV0

Time-->



Time-->

Time-->



#49

Dibromochloromethane

Concen: 1.109 ug/L

RT: 8.04 min Scan# 2160

Delta R.T. -0.25 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

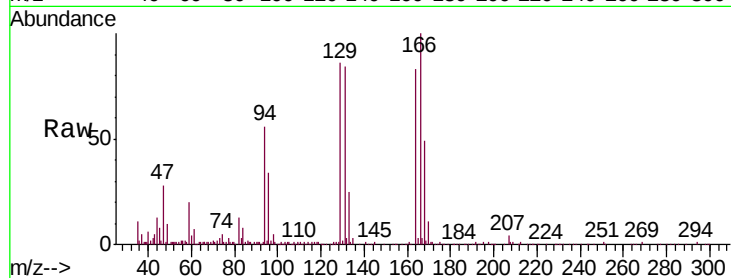
H0AC0

Tgt Ion:129 Resp: 56500

Ion Ratio Lower Upper

129 100

127 1.2 55.7 103.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

