

Data File : VV014396.D
Acq On : 24 Jan 2020 18:22
Operator : SY/MD
Sample : L1253-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC2

Quant Time: Jan 25 00:24:19 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	5.66	114	932283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	856024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	394958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240891	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	218860	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.14	63	262156	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.93	46	834473	53.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.40	84	569270	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	285181	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	1050833	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	367607	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	827980	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.66	79	129133	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.13	63	766807	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293252	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	334671	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3099	0.074	ug/L #	26
12) 1,1-Dichloroethene	2.14	96	16118	0.387	ug/L #	1
14) Carbon disulfide	2.32	76	24913	0.135	ug/L	96
16) Methylene chloride	2.54	84	11867	0.175	ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	130042	2.077	ug/L	94
19) 1,1-Dichloroethane	3.23	63	234227	1.909	ug/L	95
25) Chloroform	4.42	83	244972	2.085	ug/L	98
27) 1,2-Dichloroethane	5.18	62	11740	0.167	ug/L #	69
29) 1,1,1-Trichloroethane	4.66	97	262171	2.573	ug/L	100
31) Carbon tetrachloride	4.66	117	33558	0.385	ug/L	97
33) Benzene	5.15	78	19243	0.073	ug/L	100
35) Methylcyclohexane	6.12	83	82614	0.746	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	38714	0.582	ug/L #	89
45) 1,1,2-Trichloroethane	7.88	97	46967	1.105	ug/L	97
47) Tetrachloroethene	8.02	164	46444	1.003	ug/L	96
48) 2-Hexanone	8.13	43	87645	3.021	ug/L #	64
49) Dibromochloromethane	8.02	129	45084	0.839	ug/L #	11

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

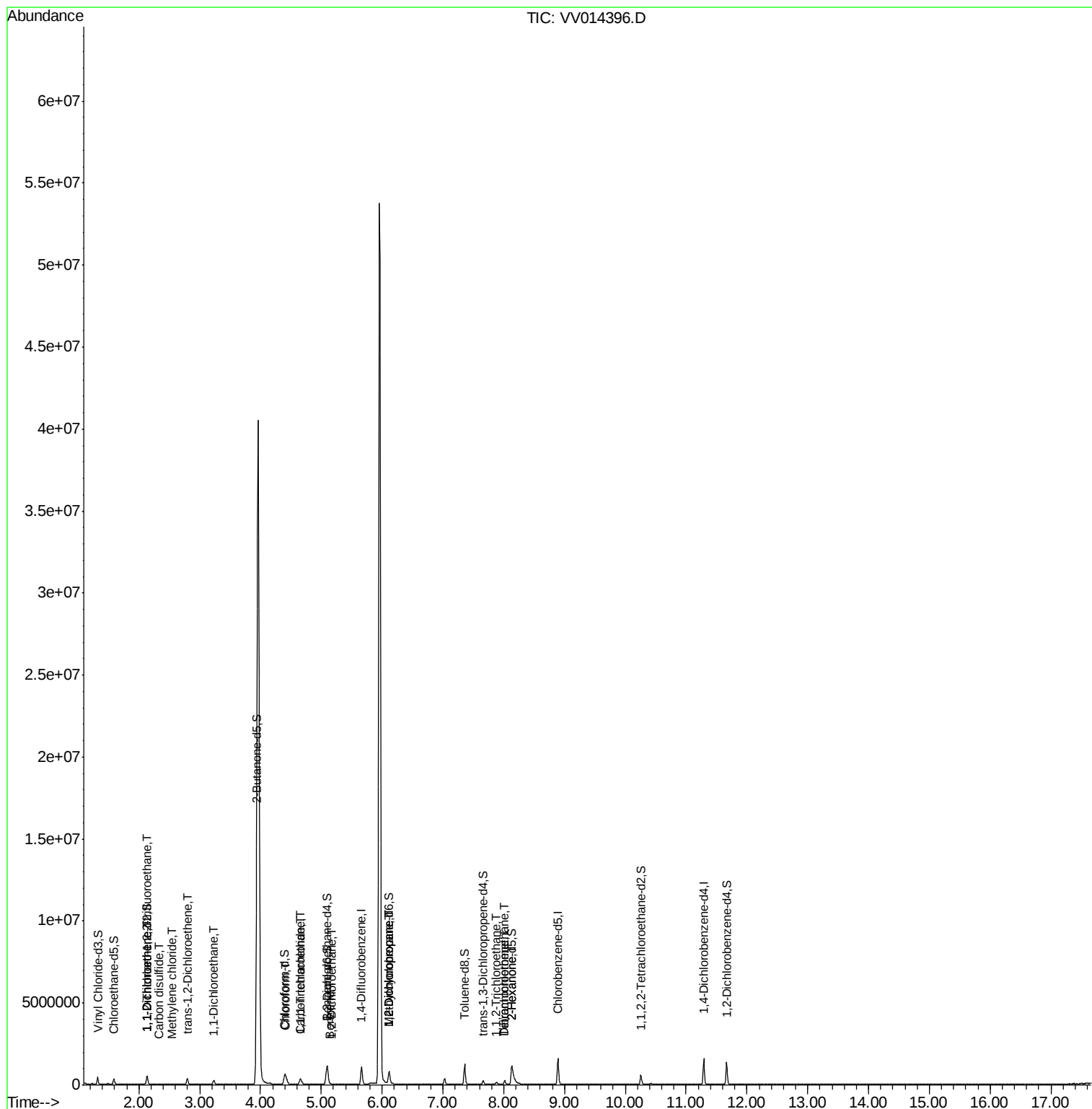
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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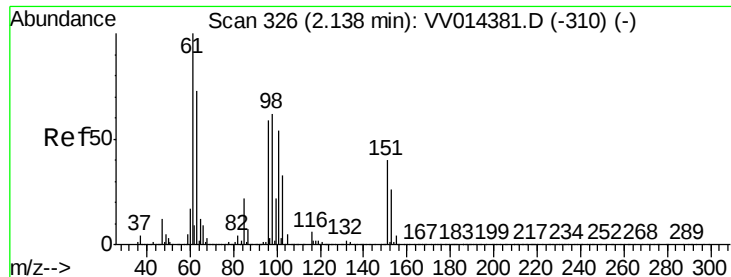
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#10

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

Concen: 0.074 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

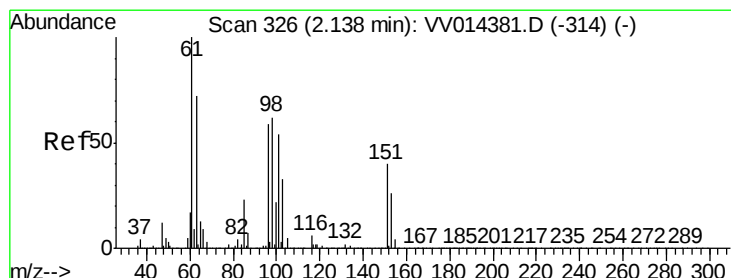
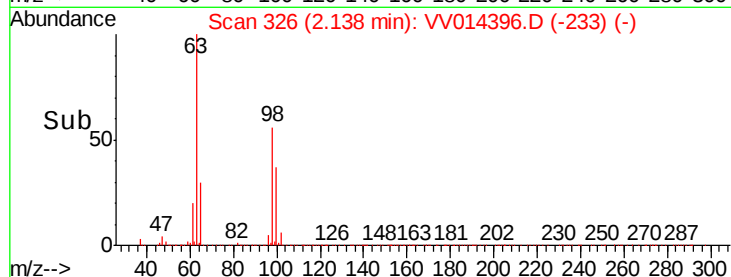
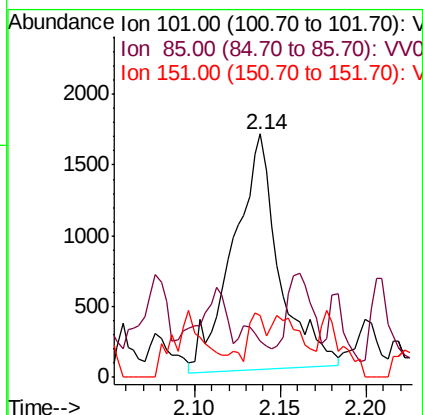
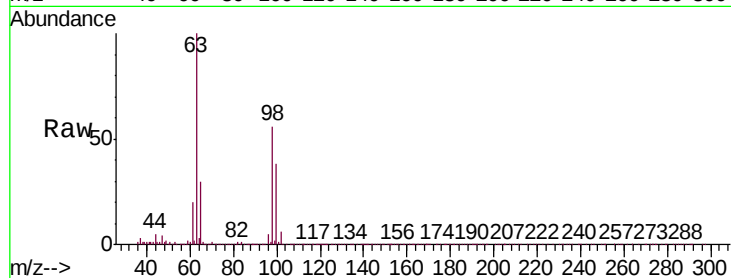
Tgt Ion: 101 Resp: 3099

Ion Ratio Lower Upper

101 100

85 4.6 34.9 52.3#

151 7.0 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.387 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

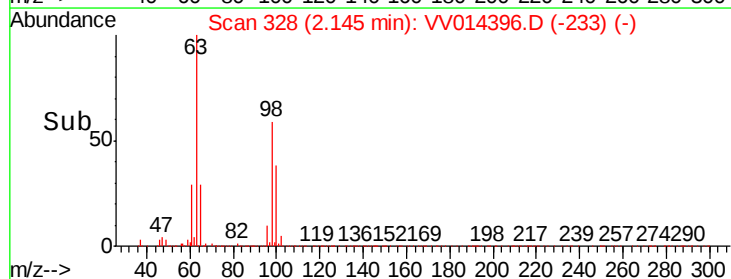
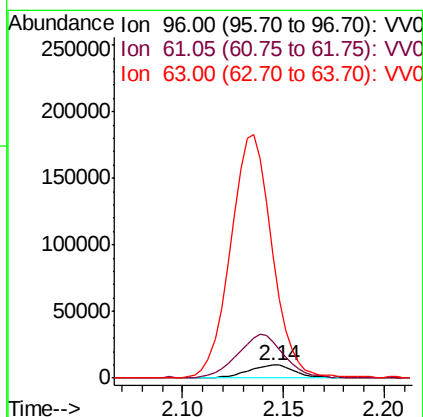
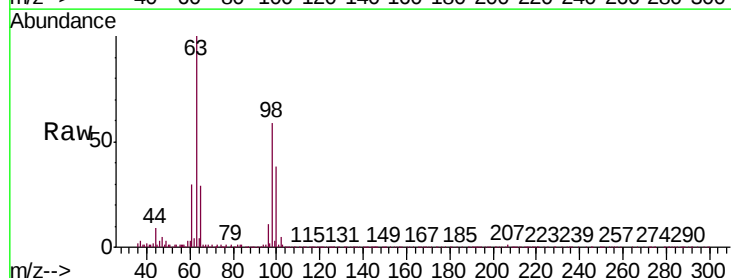
Tgt Ion: 96 Resp: 16118

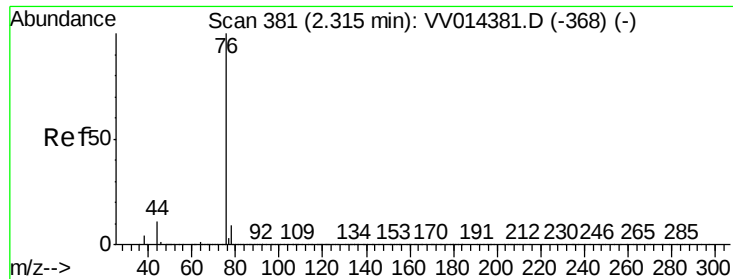
Ion Ratio Lower Upper

96 100

61 279.3 121.5 225.7#

63 938.3 90.3 167.7#

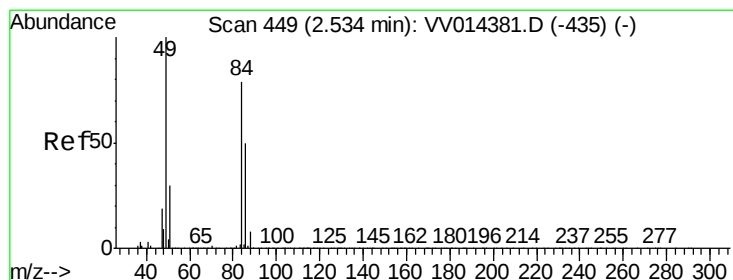
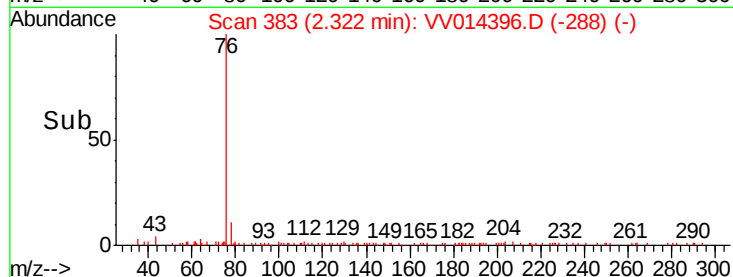
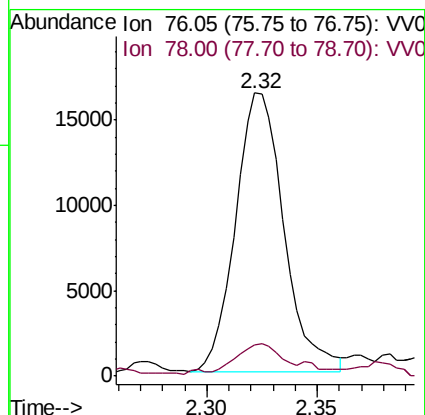
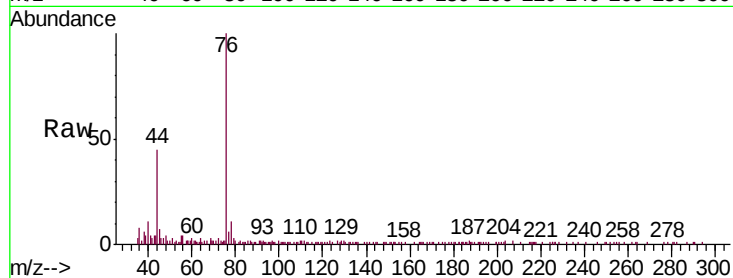




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

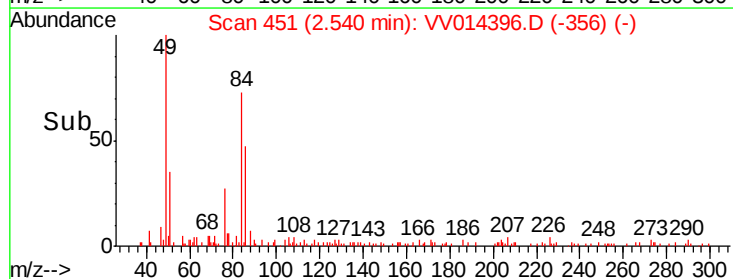
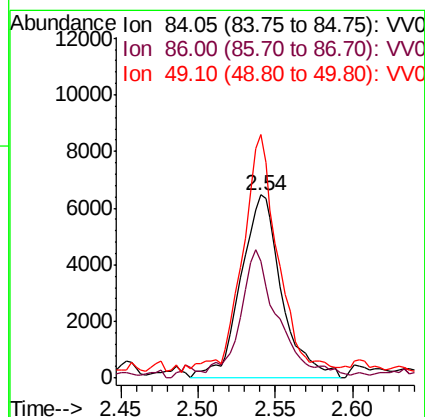
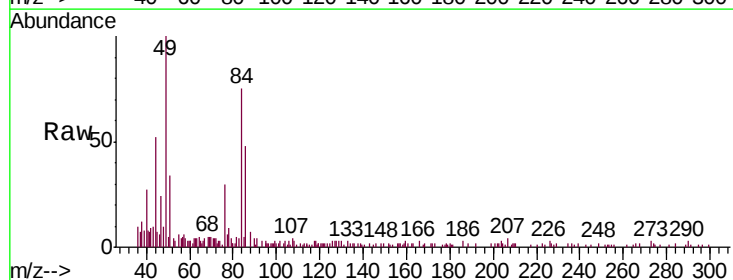
Instrument :
MSVOA_V
ClientSampleId :
H0AC2

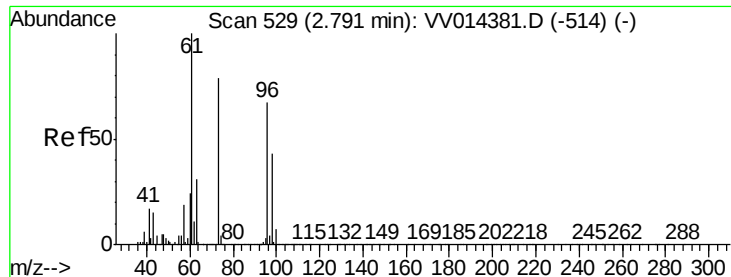
Tgt Ion: 76 Resp: 24913
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#16
Methylene chloride
Concen: 0.175 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Tgt Ion: 84 Resp: 11867
Ion Ratio Lower Upper
84 100
86 63.7 43.1 80.1
49 133.0 82.1 152.5





#18

trans-1,2-Dichloroethene

Concen: 2.077 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

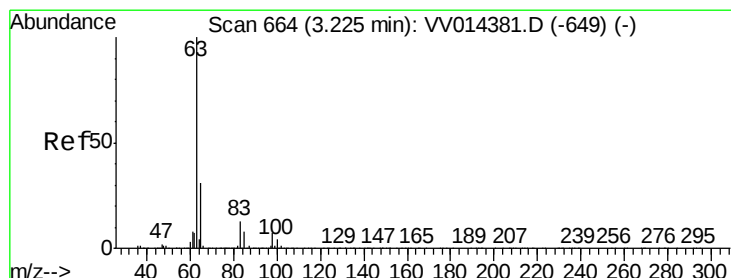
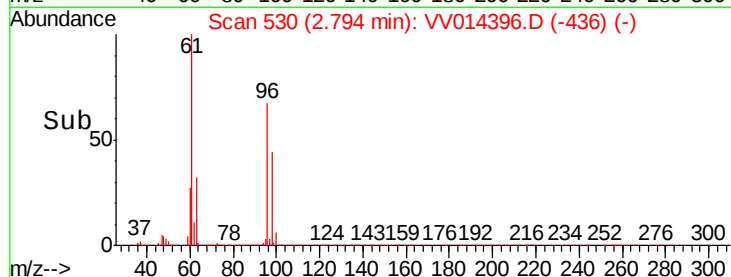
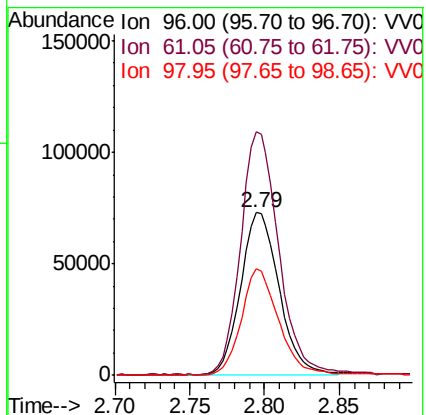
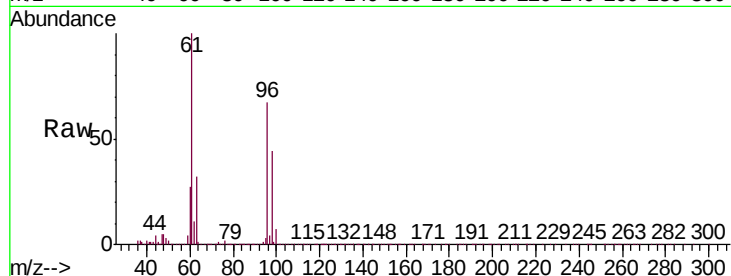
Tgt Ion: 96 Resp: 130042

Ion Ratio Lower Upper

96 100

61 149.5 99.2 184.2

98 65.2 43.1 80.1



#19

1,1-Dichloroethane

Concen: 1.909 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

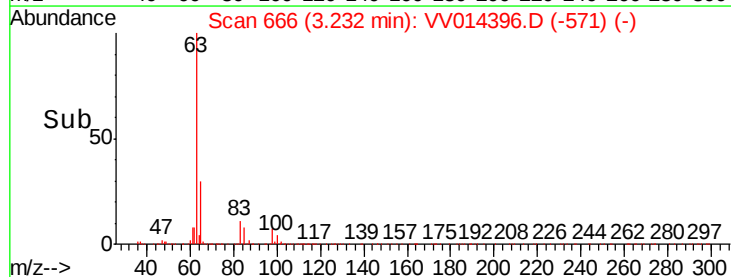
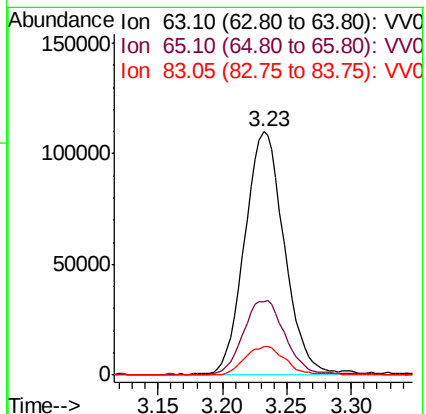
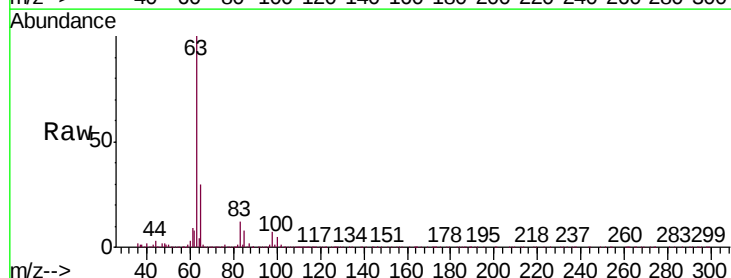
Tgt Ion: 63 Resp: 234227

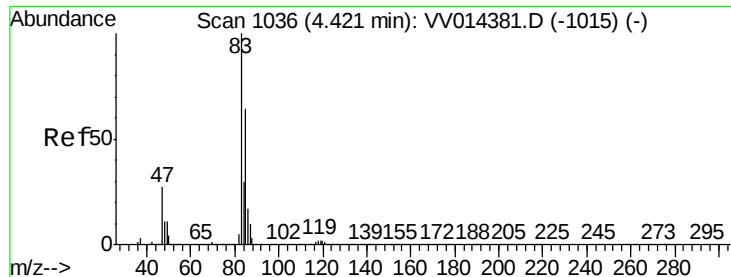
Ion Ratio Lower Upper

63 100

65 30.4 22.7 42.3

83 11.5 10.0 18.6

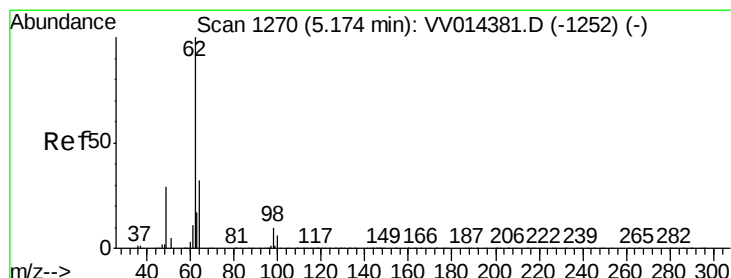
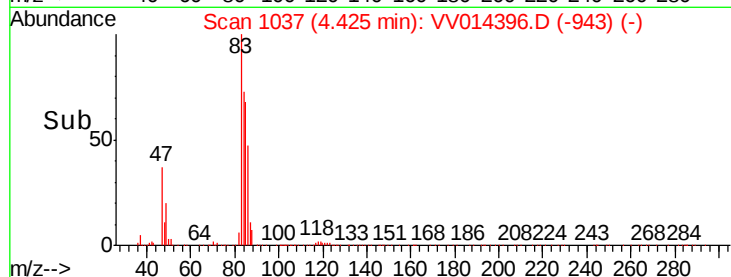
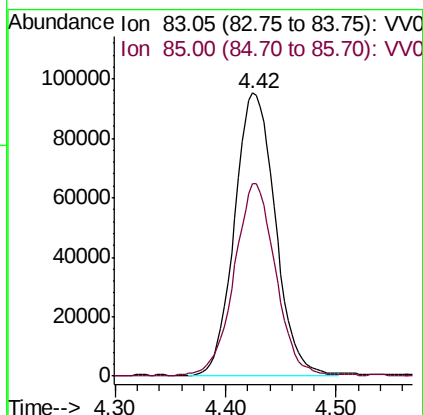
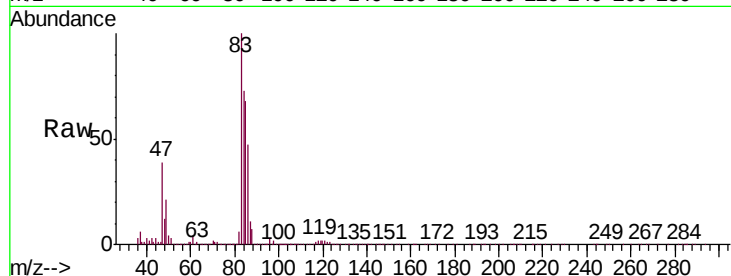




#25
Chloroform
Concen: 2.085 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

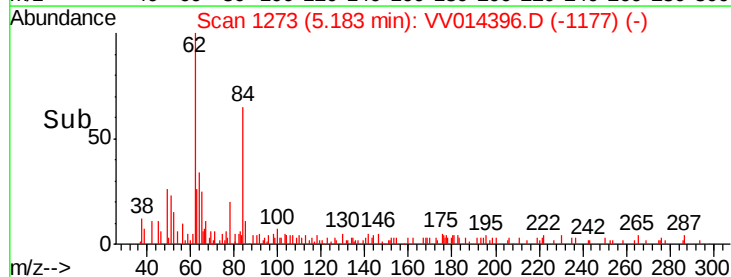
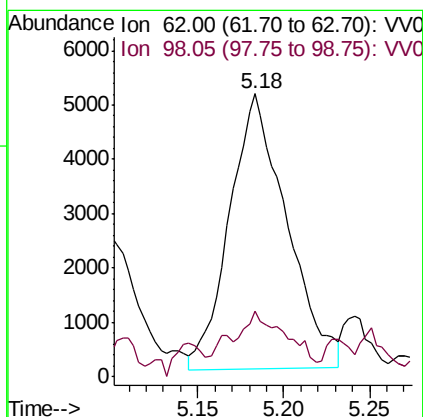
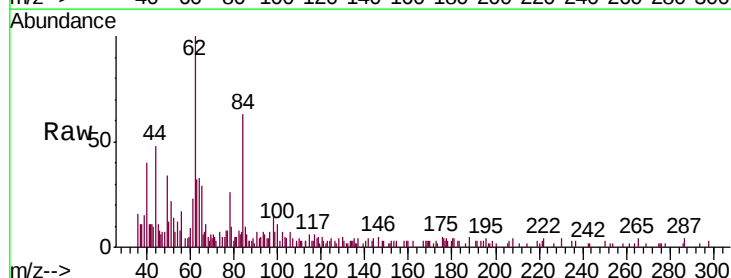
Instrument :
MSVOA_V
ClientSampled :
H0AC2

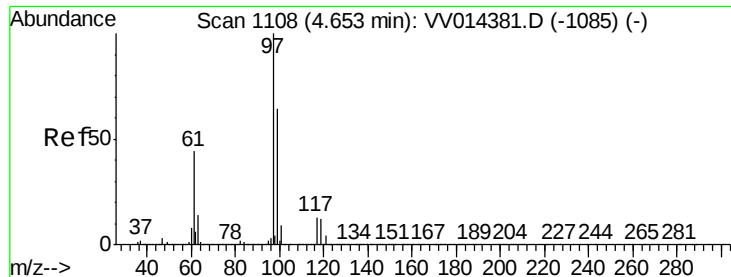
Tgt Ion: 83 Resp: 244972
Ion Ratio Lower Upper
83 100
85 67.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.167 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Tgt Ion: 62 Resp: 11740
Ion Ratio Lower Upper
62 100
98 23.3 9.2 13.8#

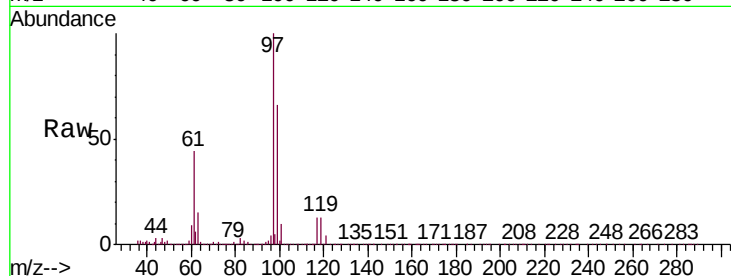




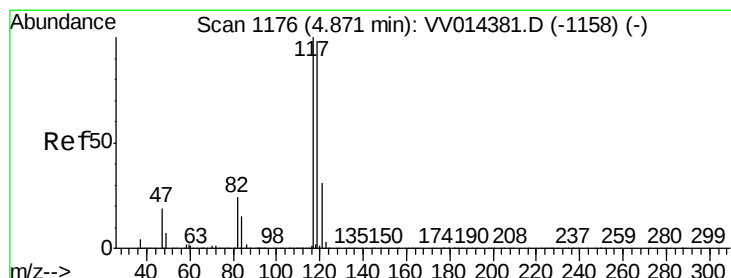
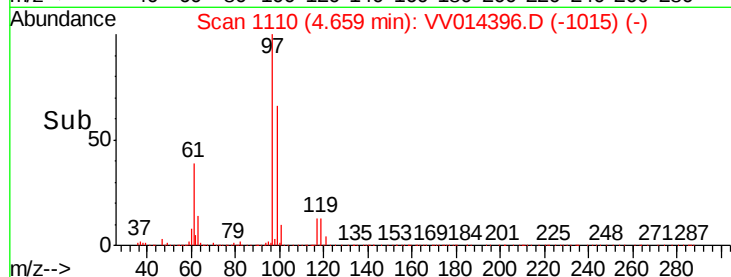
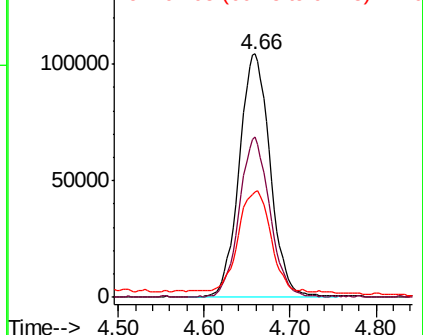
#29
 1,1,1-Trichloroethane
 Concen: 2.573 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Tgt Ion: 97 Resp: 262171
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 43.0 33.9 50.9

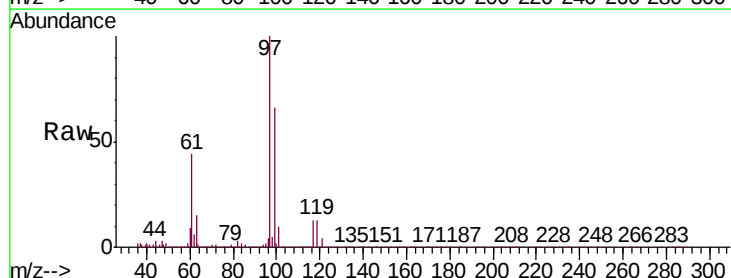


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

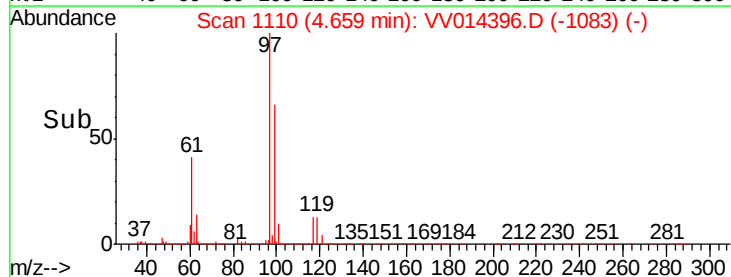
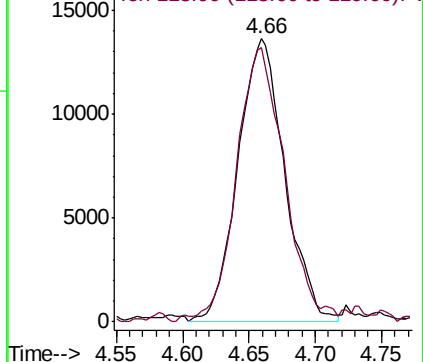


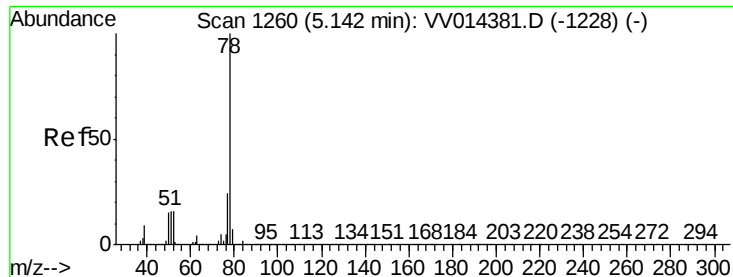
#31
 Carbon tetrachloride
 Concen: 0.385 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.21 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

Tgt Ion: 117 Resp: 33558
 Ion Ratio Lower Upper
 117 100
 119 93.3 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#33

Benzene

Concen: 0.073 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

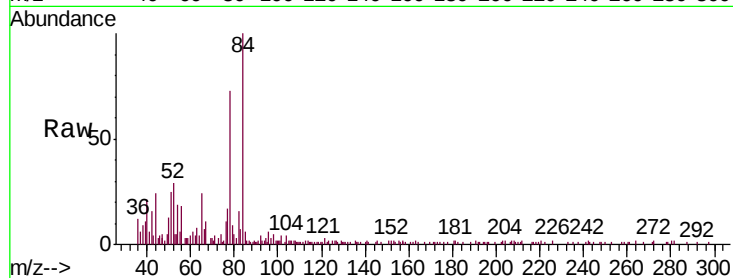
Instrument :

MSVOA_V

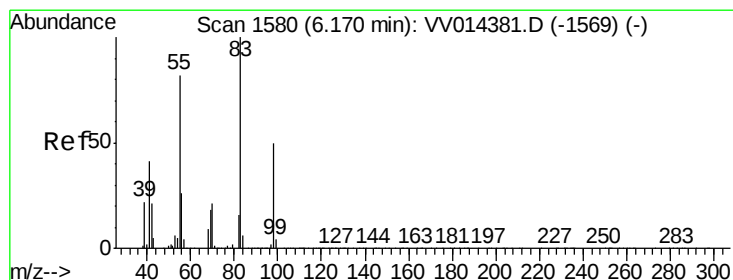
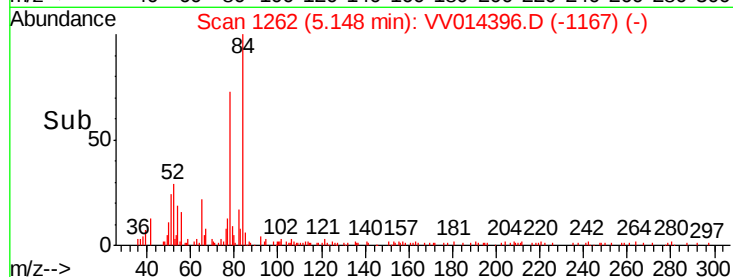
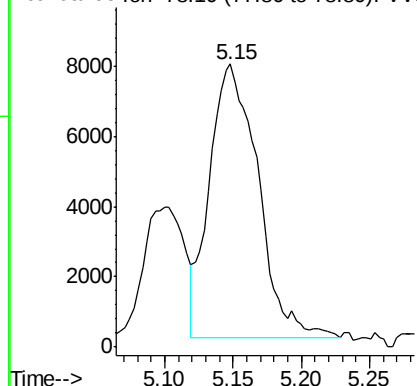
ClientSampled :

H0AC2

Tgt Ion: 78 Resp: 19243



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

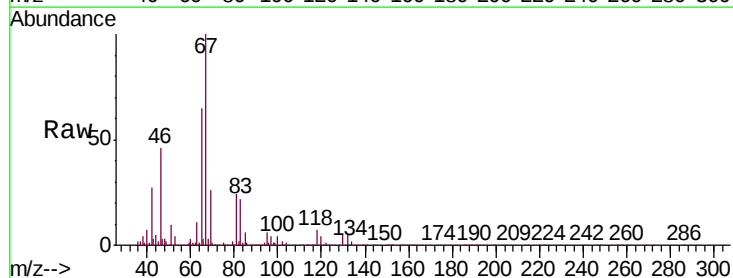
Tgt Ion: 83 Resp: 82614

Ion Ratio Lower Upper

83 100

55 0.9 61.7 92.5#

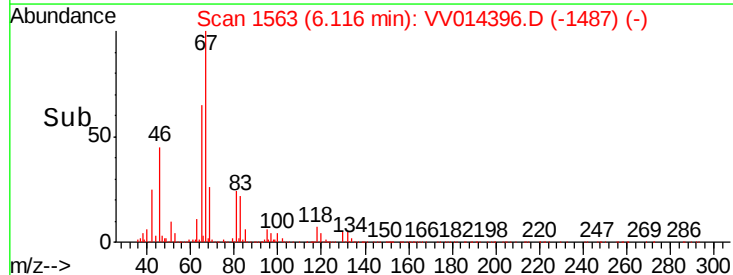
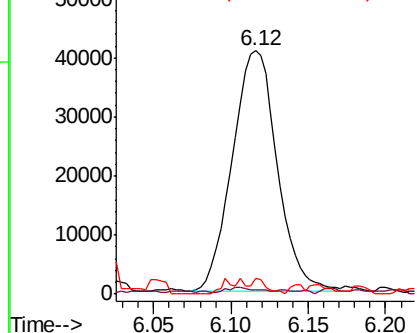
98 0.0 38.1 57.1#

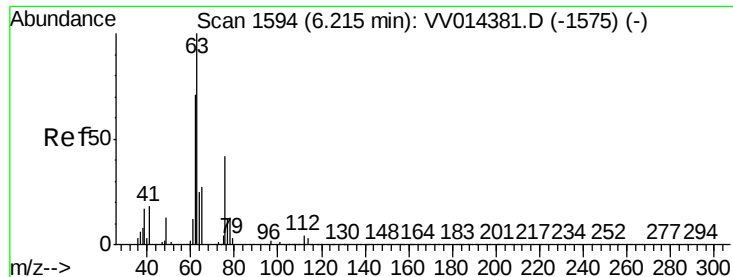


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

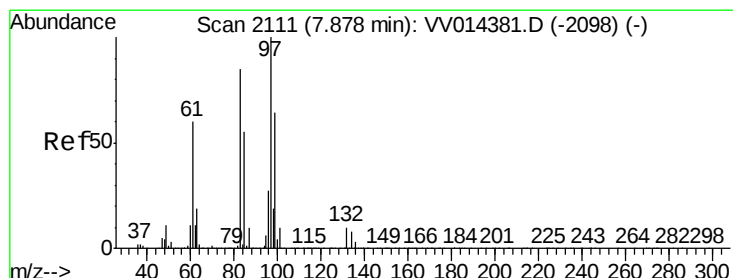
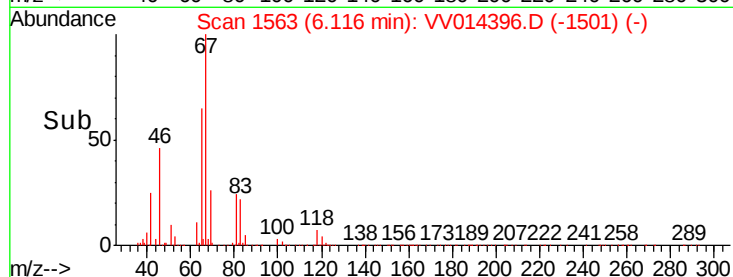
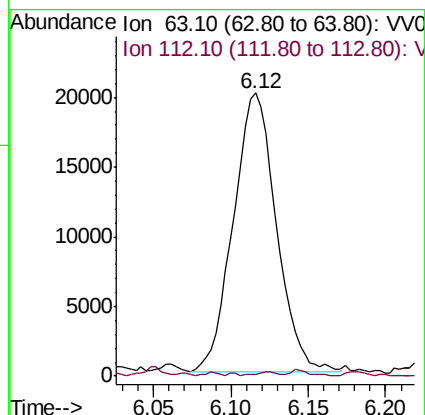
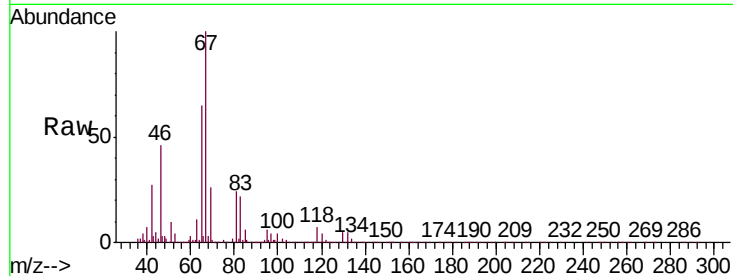




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

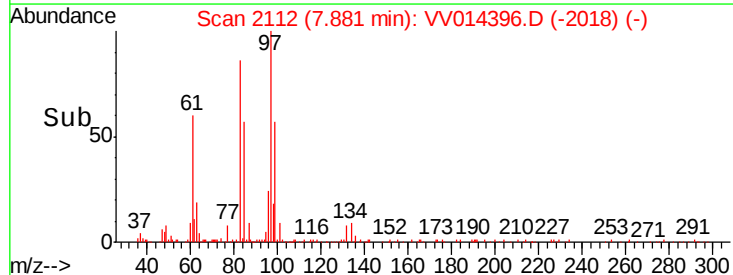
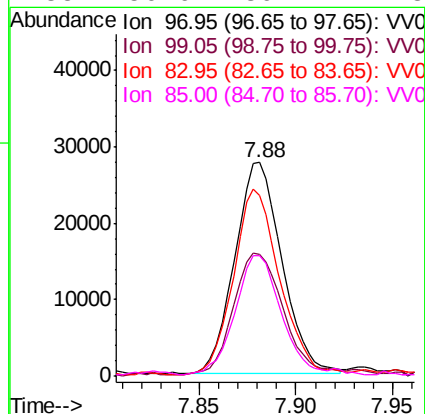
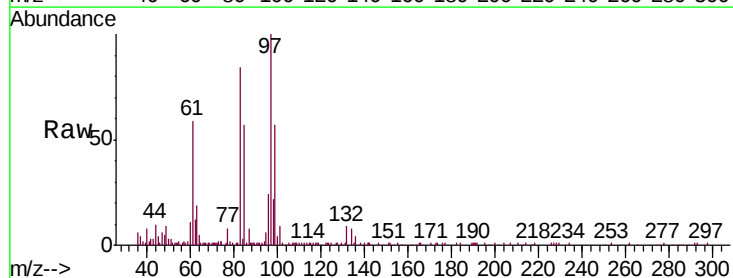
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

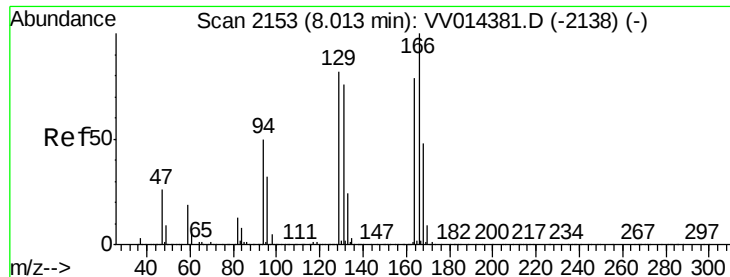
Tgt Ion: 63 Resp: 38714
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.7 5.5#



#45
 1,1,2-Trichloroethane
 Concen: 1.105 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

Tgt Ion: 97 Resp: 46967
 Ion Ratio Lower Upper
 97 100
 99 56.8 43.7 81.1
 83 84.3 60.0 111.4
 85 56.6 39.2 72.8

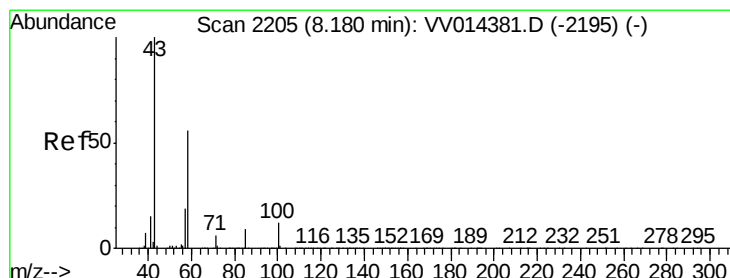
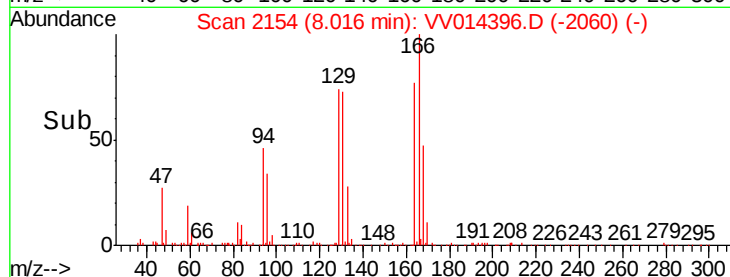
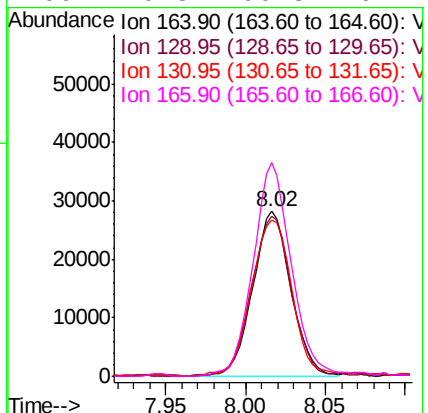
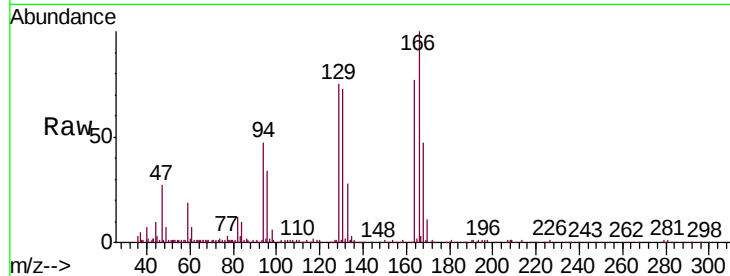




#47
Tetrachloroethene
Concen: 1.003 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

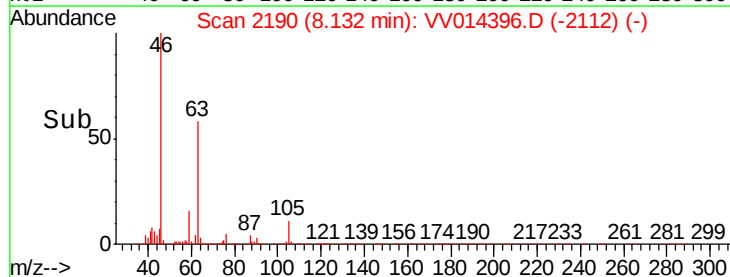
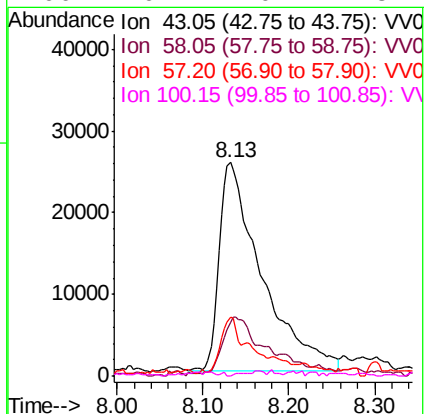
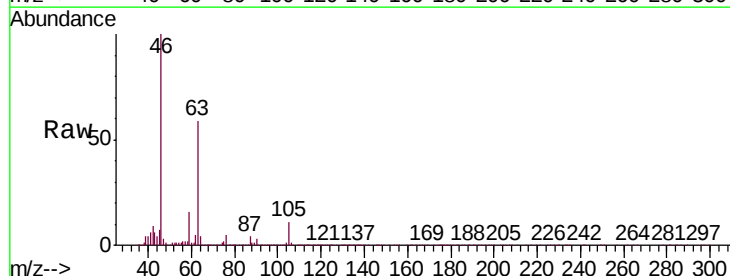
Instrument :
MSVOA_V
ClientSampleId :
H0AC2

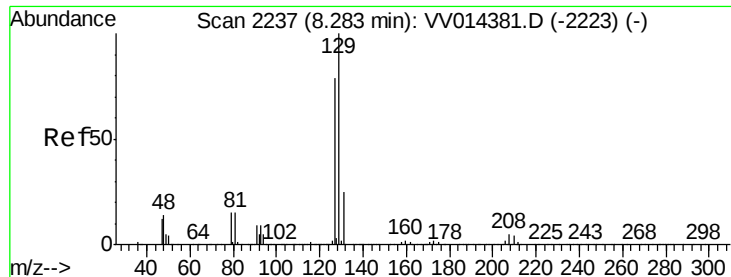
Tgt Ion:164 Resp: 46444
Ion Ratio Lower Upper
164 100
129 97.2 71.7 133.3
131 94.7 70.4 130.8
166 129.8 90.3 167.7



#48
2-Hexanone
Concen: 3.021 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Tgt Ion: 43 Resp: 87645
Ion Ratio Lower Upper
43 100
58 22.3 45.4 68.0#
57 16.3 15.8 23.8
100 0.4 10.2 15.4#





#49

Dibromochloromethane

Concen: 0.839 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

Tgt Ion:129 Resp: 45084

Ion Ratio Lower Upper

129 100

127 0.9 55.7 103.5#

