

Data File : VV014397.D
Acq On : 24 Jan 2020 18:46
Operator : SY/MD
Sample : L1253-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC3

Quant Time: Jan 25 00:24:37 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	915151	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	850473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	390693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233168	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.59	69	210333	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	242844	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	3.92	46	819803	53.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	4.40	84	559774	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	277328	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	1026106	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.12	67	359932	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	824234	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.66	79	126869	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.13	63	765688	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	275698	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	314966	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2995	0.073	ug/L #	35
12) 1,1-Dichloroethene	2.14	96	3634	0.089	ug/L #	1
13) Acetone	2.19	43	13817	1.304	ug/L	75
14) Carbon disulfide	2.32	76	11211	0.062	ug/L	97
16) Methylene chloride	2.54	84	8016	0.120	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	26927	0.438	ug/L	92
19) 1,1-Dichloroethane	3.24	63	39630	0.329	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	4699824	69.760	ug/L #	96
25) Chloroform	4.42	83	88753	0.770	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	16215	0.160	ug/L #	74
34) Trichloroethene	5.96	95	2478123	36.818	ug/L	99
35) Methylcyclohexane	6.12	83	81988	0.745	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	39053	0.591	ug/L #	88
42) Toluene	7.43	91	19039	0.069	ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	6398	0.078	ug/L #	78
45) 1,1,2-Trichloroethane	7.88	97	10479	0.248	ug/L	92
47) Tetrachloroethene	8.02	164	18710	0.407	ug/L	87

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

Data File : VV014397.D
Acq On : 24 Jan 2020 18:46
Operator : SY/MD
Sample : L1253-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC3

Quant Time: Jan 25 00:24:37 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

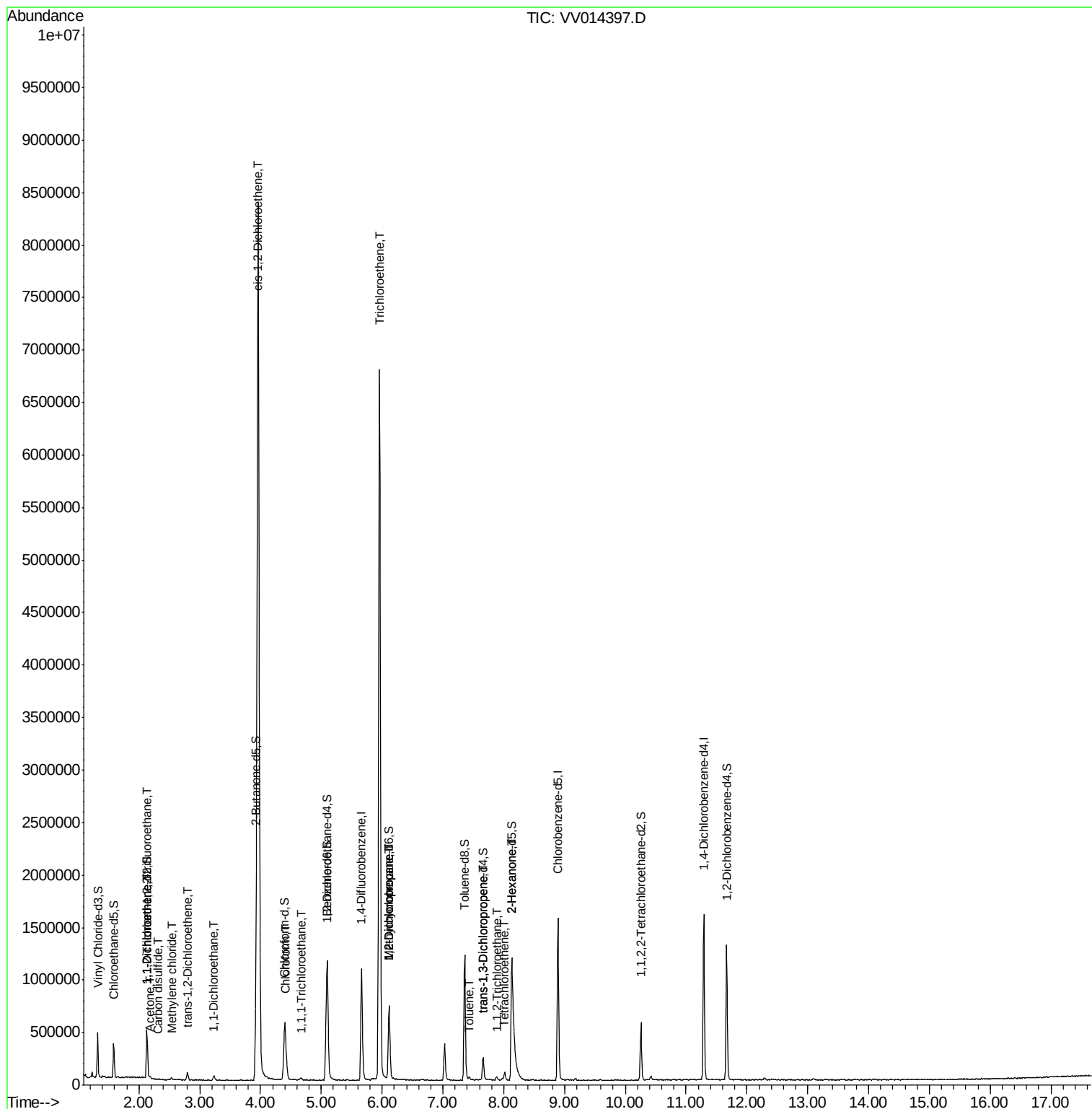
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
48) 2-Hexanone	8.14	43	99250	3.443	ug/L #	54
-----	-----	-----	-----	-----	-----	-----

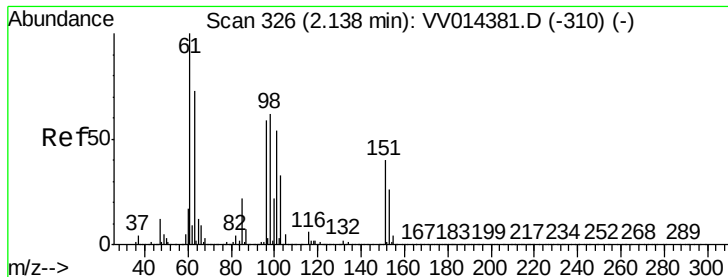
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014397.D
Acq On : 24 Jan 2020 18:46
Operator : SY/MD
Sample : L1253-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC3

Quant Time: Jan 25 00:24:37 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: 0.073 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Instrument :

MSVOA_V

ClientSampled :

H0AC3

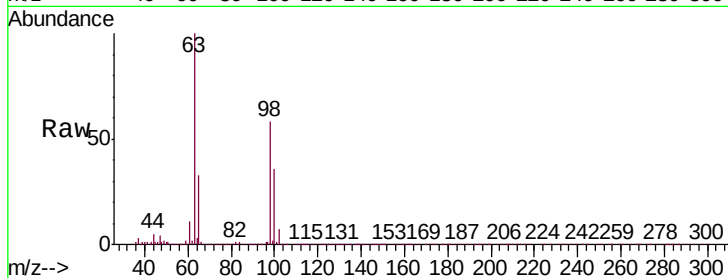
Tgt Ion: 101 Resp: 2995

Ion Ratio Lower Upper

101 100

85 9.2 34.9 52.3#

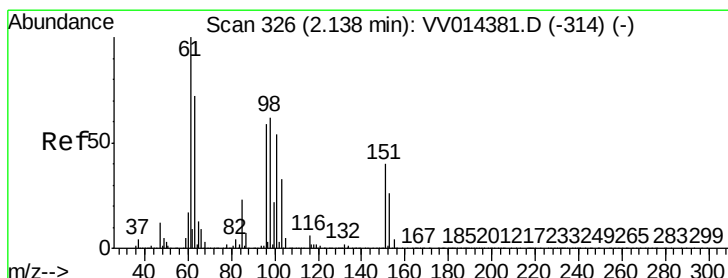
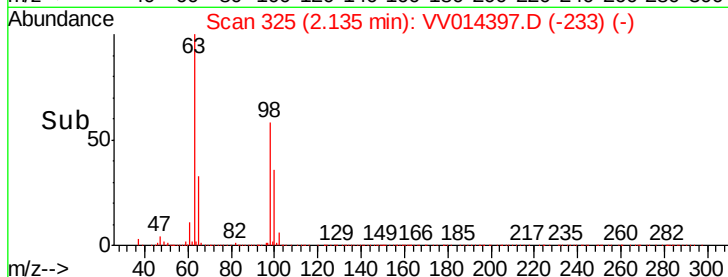
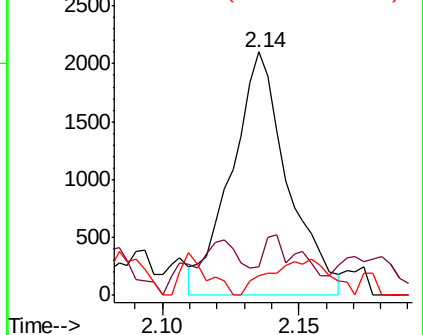
151 15.9 62.5 93.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

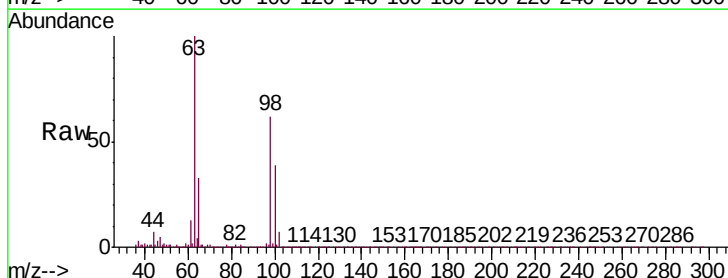
Tgt Ion: 96 Resp: 3634

Ion Ratio Lower Upper

96 100

61 601.1 121.5 225.7#

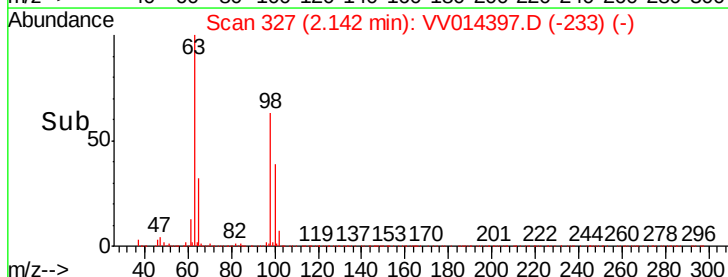
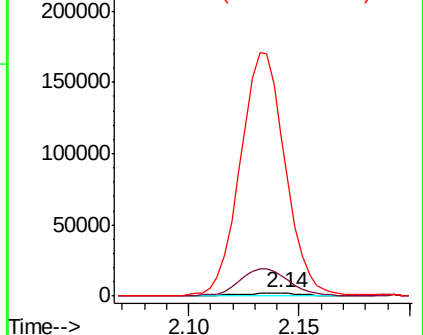
63 4676.6 90.3 167.7#

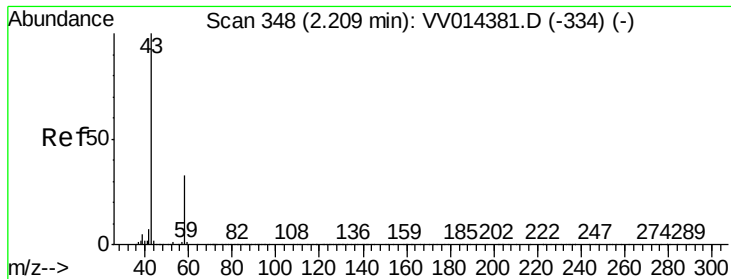


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.304 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Instrument :

MSVOA_V

ClientSampleId :

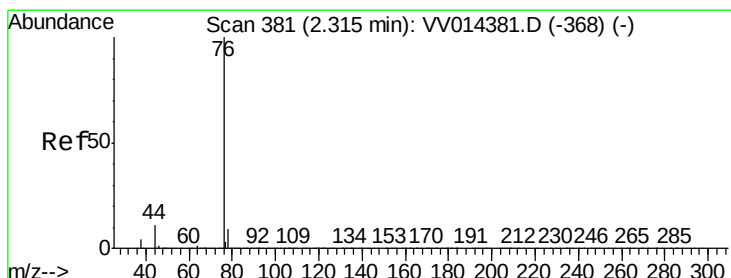
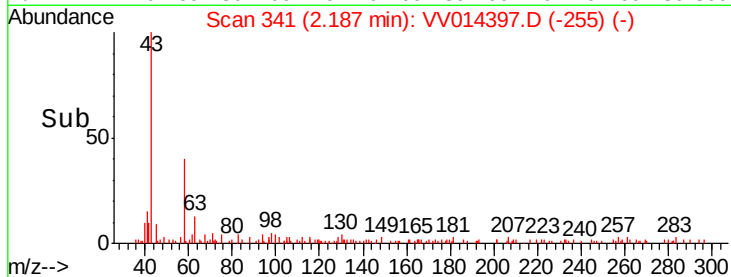
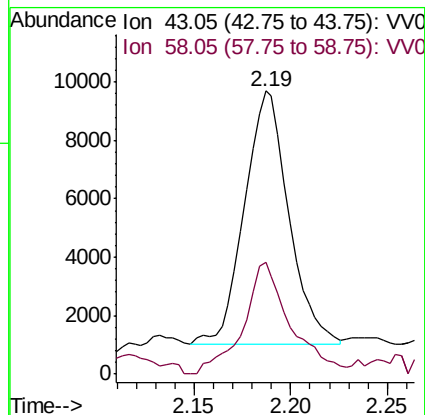
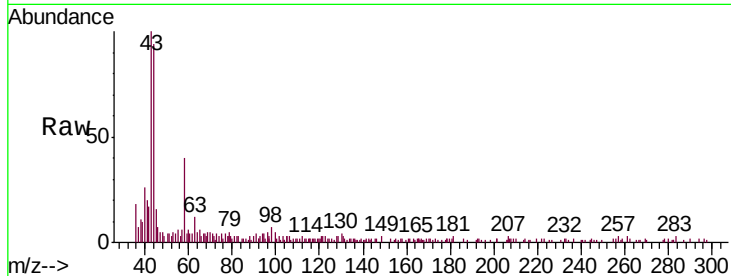
H0AC3

Tgt Ion: 43 Resp: 13817

Ion Ratio Lower Upper

43 100

58 47.0 0.0 66.0



#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV014397.D

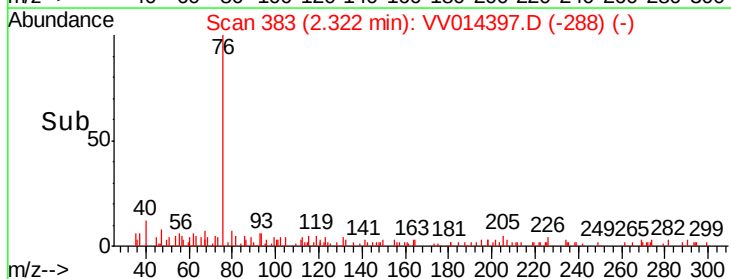
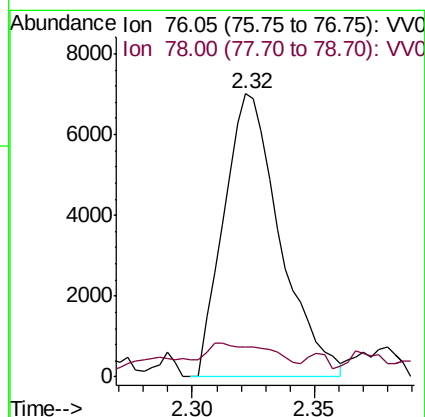
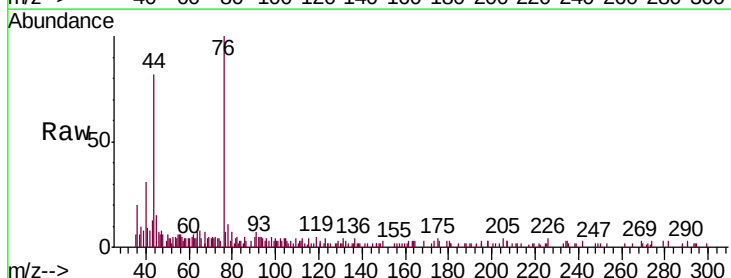
Acq: 24 Jan 2020 18:46

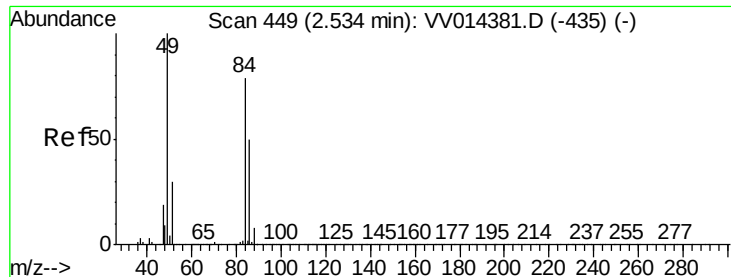
Tgt Ion: 76 Resp: 11211

Ion Ratio Lower Upper

76 100

78 10.5 7.5 11.3

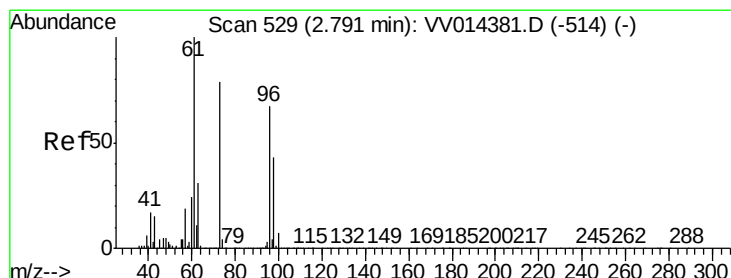
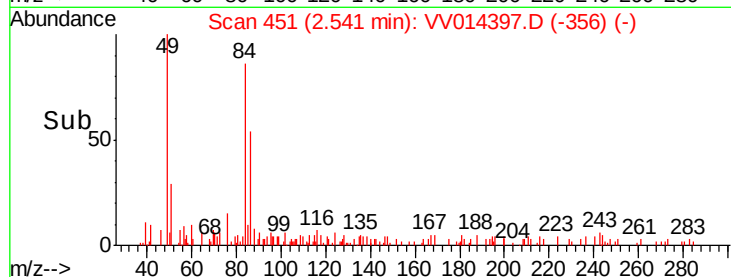
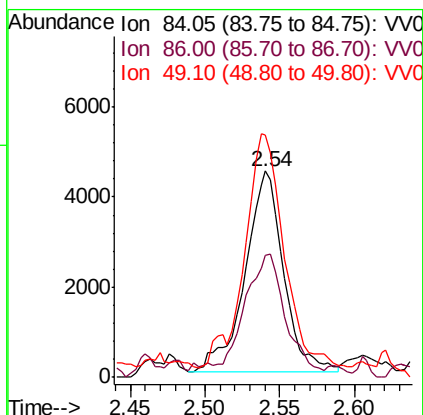
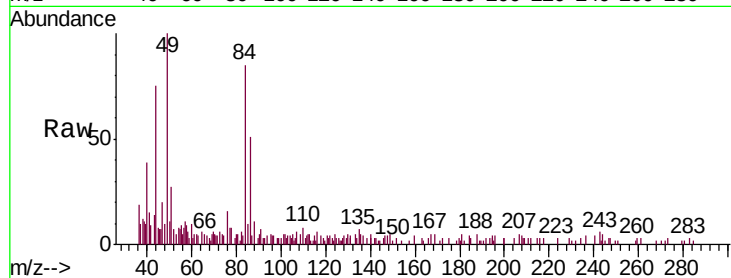




#16
Methylene chloride
Concen: 0.120 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

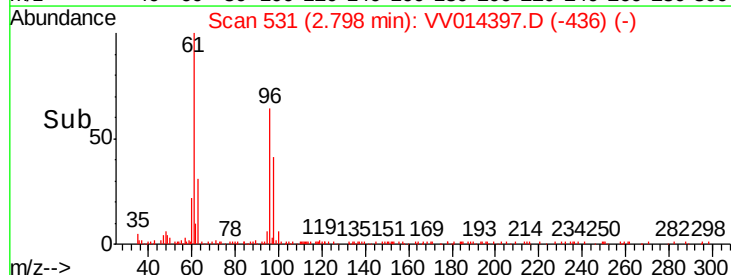
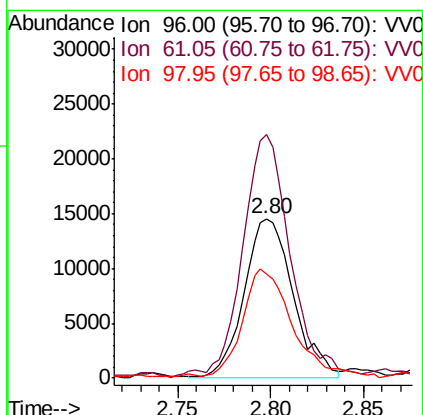
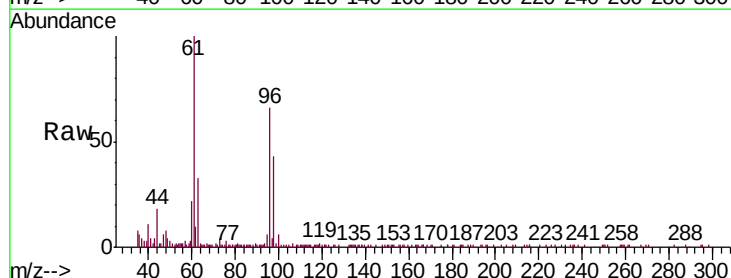
Instrument :
MSVOA_V
ClientSampleId :
H0AC3

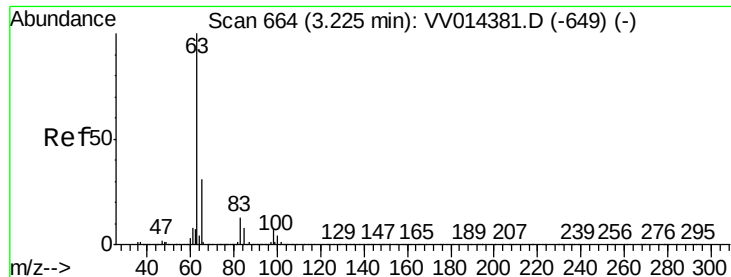
Tgt Ion: 84 Resp: 8016
Ion Ratio Lower Upper
84 100
86 59.5 43.1 80.1
49 117.7 82.1 152.5



#18
trans-1,2-Dichloroethene
Concen: 0.438 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

Tgt Ion: 96 Resp: 26927
Ion Ratio Lower Upper
96 100
61 152.6 99.2 184.2
98 64.9 43.1 80.1

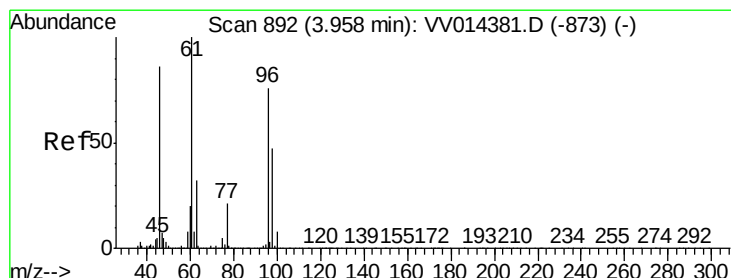
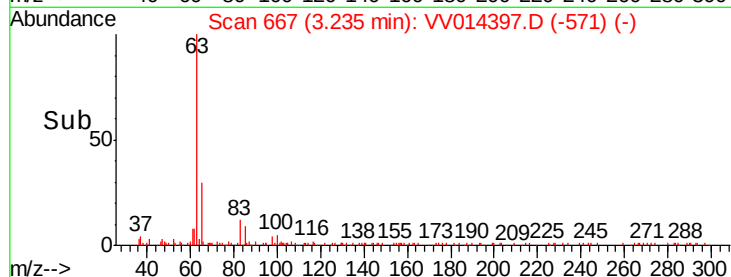
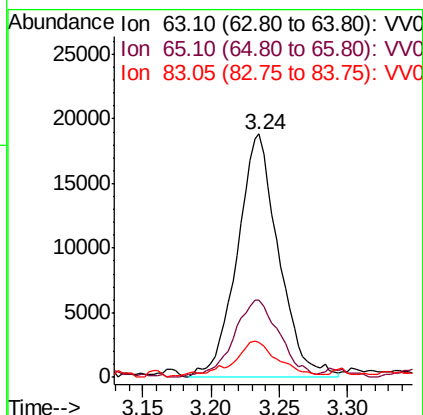
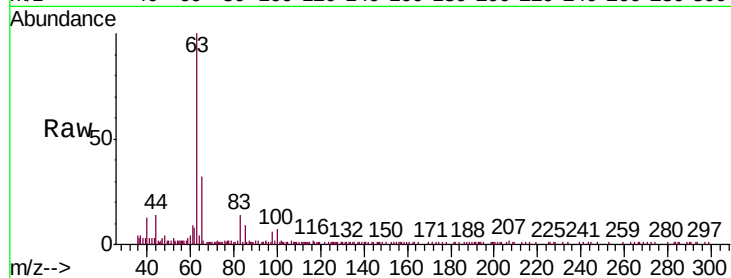




#19
1,1-Dichloroethane
Concen: 0.329 ug/L
RT: 3.24 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

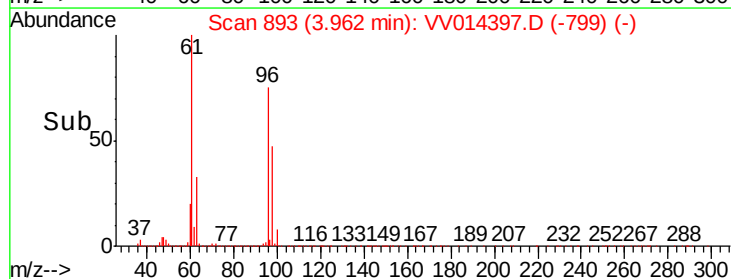
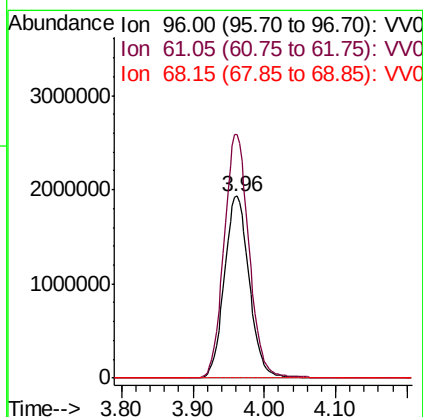
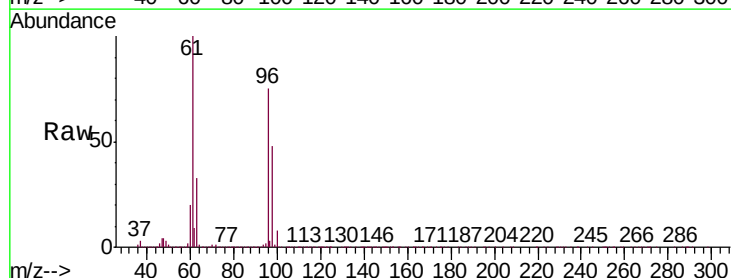
Instrument :
MSVOA_V
ClientSampleId :
H0AC3

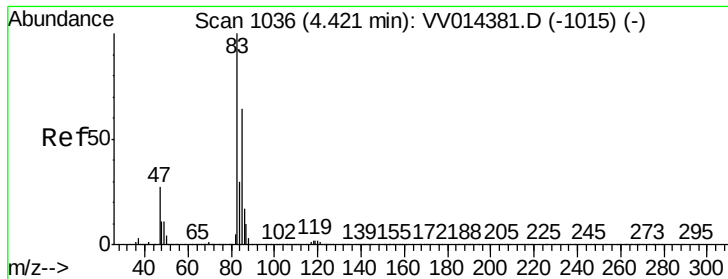
Tgt Ion:	63	Resp:	39630
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.7	42.3
83	14.4	10.0	18.6



#22
cis-1,2-Dichloroethene
Concen: 69.760 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

Tgt Ion:	96	Resp:	4699824
Ion	Ratio	Lower	Upper
96	100		
61	133.7	90.6	168.3
68	0.0	0.3	0.7#

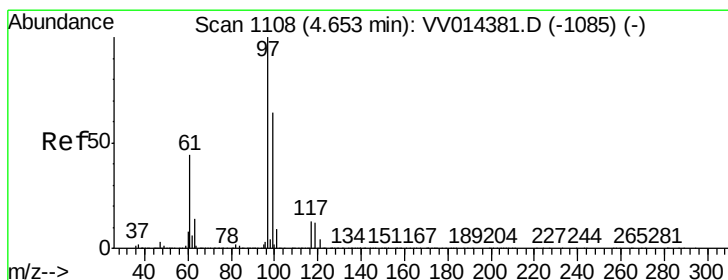
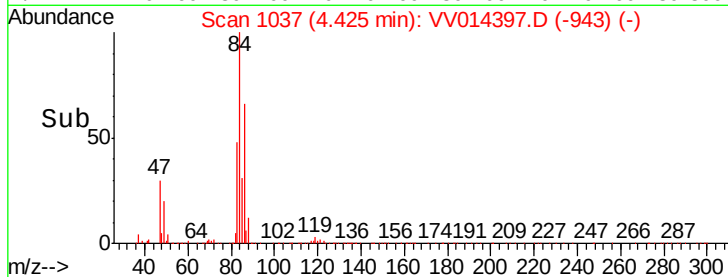
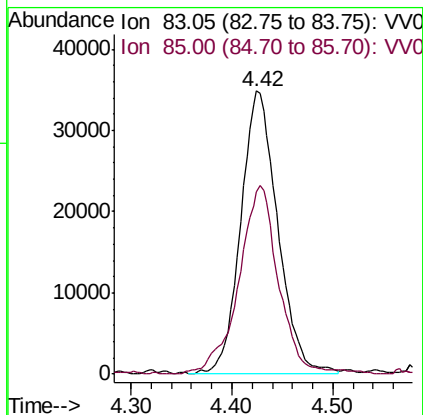
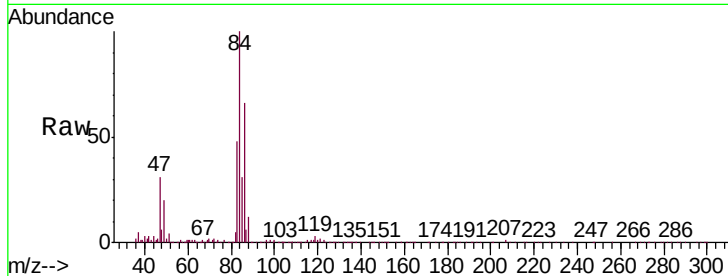




#25
Chloroform
Concen: 0.770 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

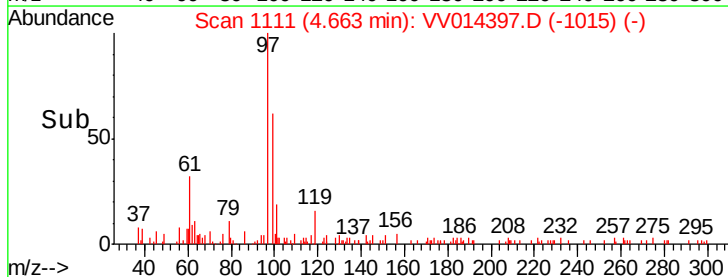
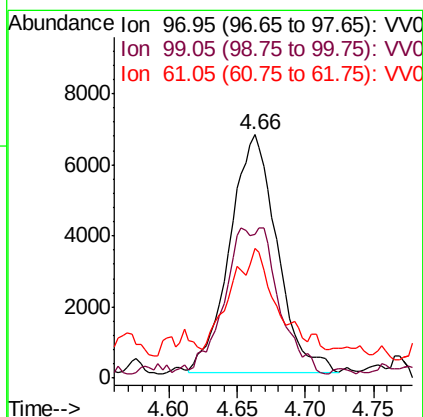
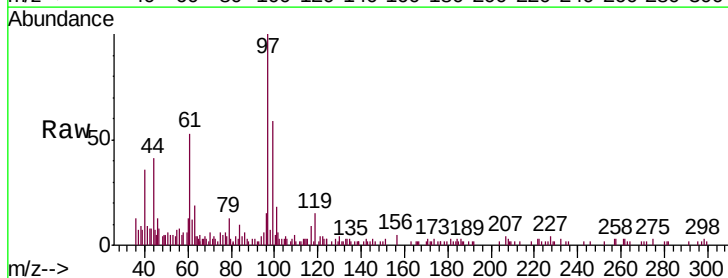
Instrument :
MSVOA_V
ClientSampleId :
H0AC3

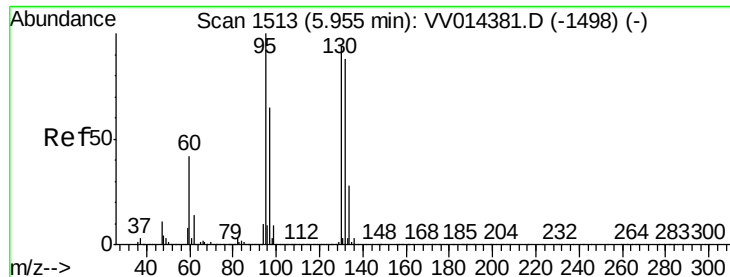
Tgt Ion: 83 Resp: 88753
Ion Ratio Lower Upper
83 100
85 64.5 46.2 85.8



#29
1,1,1-Trichloroethane
Concen: 0.160 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VV014397.D
Acq: 24 Jan 2020 18:46

Tgt Ion: 97 Resp: 16215
Ion Ratio Lower Upper
97 100
99 33.3 51.1 76.7#
61 39.1 33.9 50.9





#34

Trichloroethene

Concen: 36.818 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Instrument :

MSVOA_V

ClientSampleId :

H0AC3

Tgt Ion: 95 Resp: 2478123

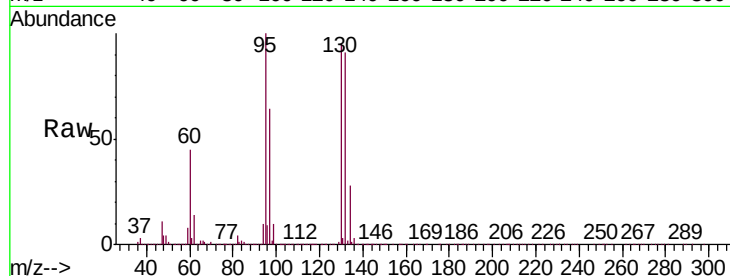
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.3

132 90.9 63.4 117.8

130 94.9 65.7 122.1

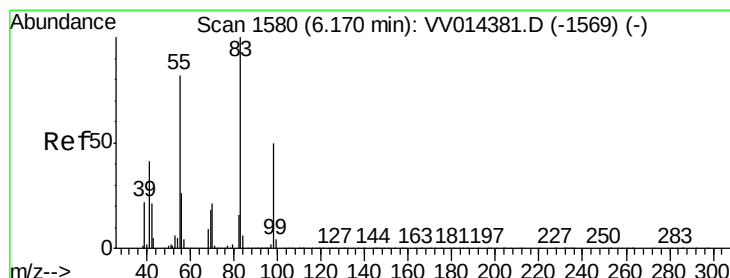
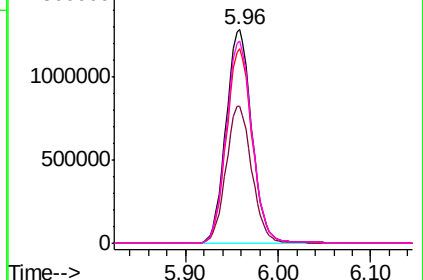
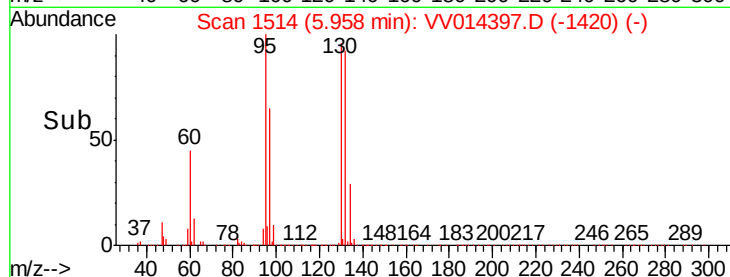


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.745 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

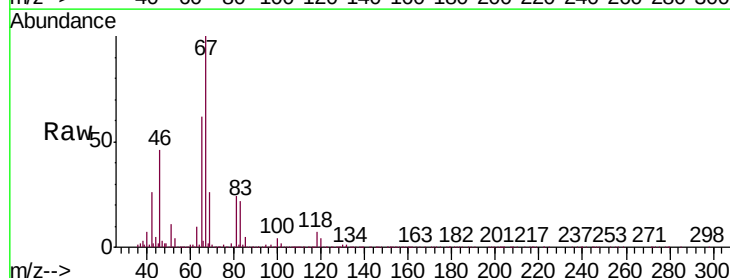
Tgt Ion: 83 Resp: 81988

Ion Ratio Lower Upper

83 100

55 0.5 61.7 92.5#

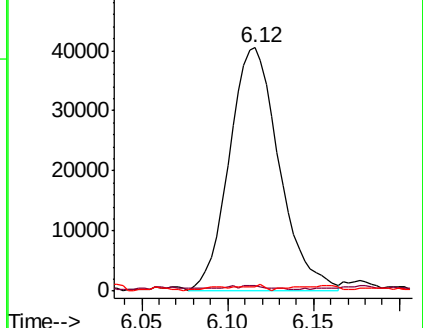
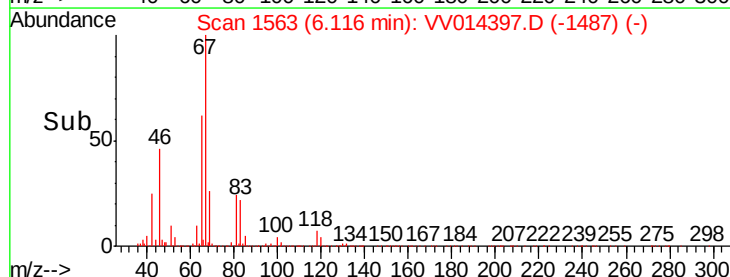
98 0.0 38.1 57.1#

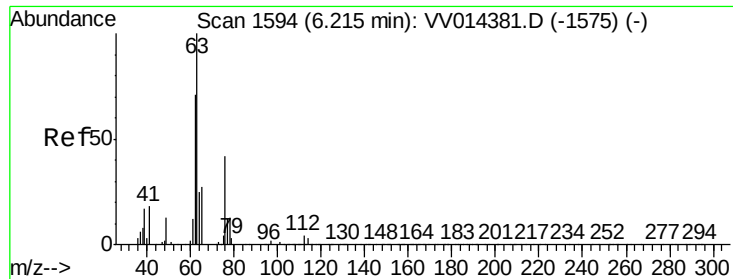


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

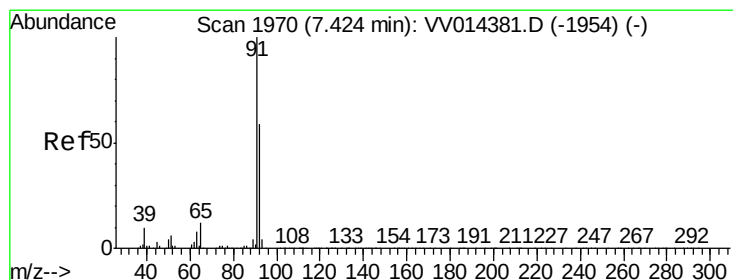
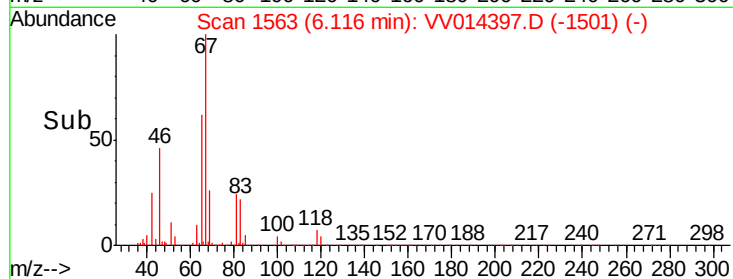
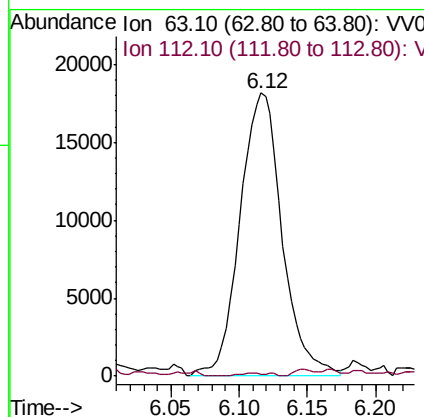
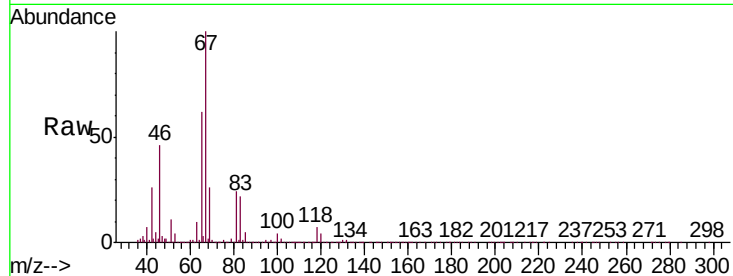




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014397.D
 Acq: 24 Jan 2020 18:46

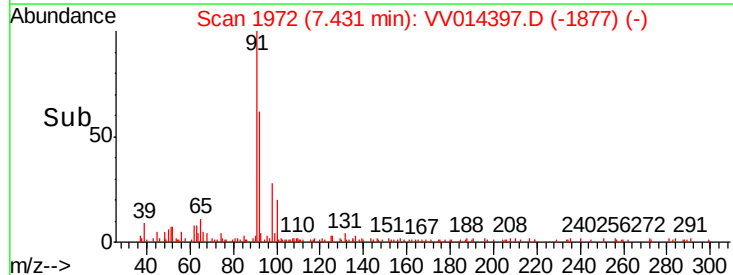
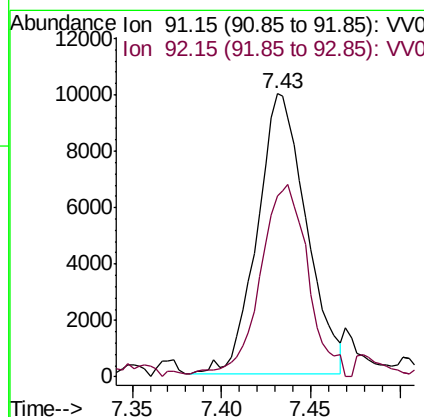
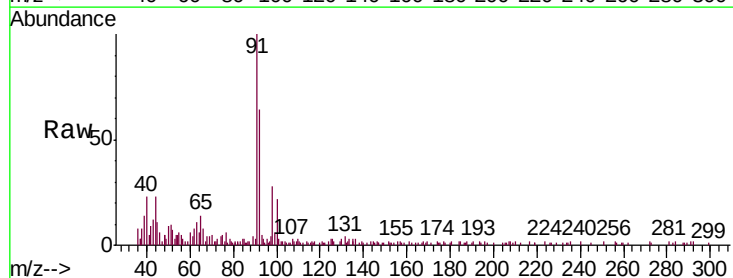
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3

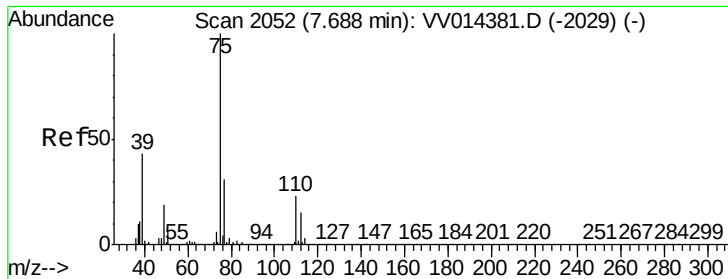
Tgt Ion: 63 Resp: 39053
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#42
 Toluene
 Concen: 0.069 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VV014397.D
 Acq: 24 Jan 2020 18:46

Tgt Ion: 91 Resp: 19039
 Ion Ratio Lower Upper
 91 100
 92 63.7 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Instrument :

MSVOA_V

ClientSampleId :

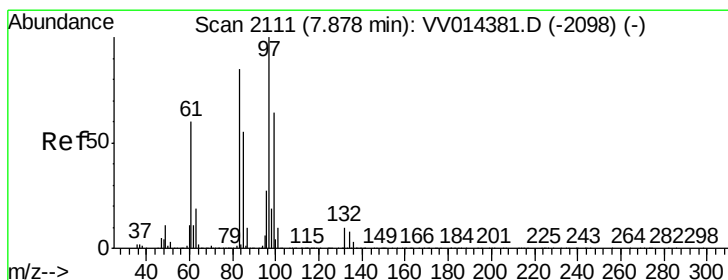
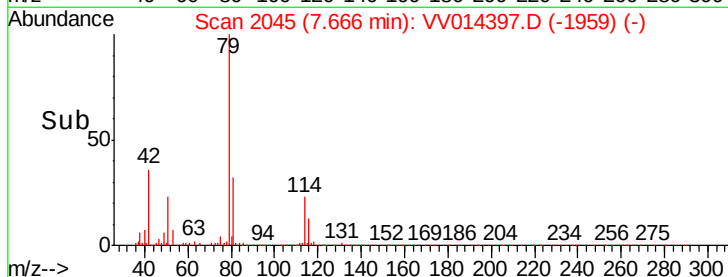
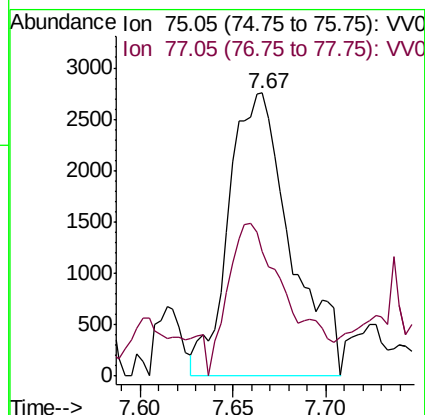
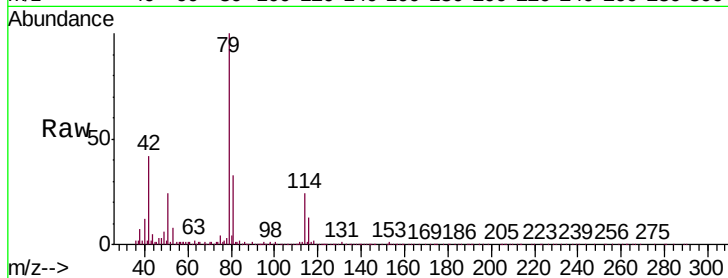
H0AC3

Tgt Ion: 75 Resp: 6398

Ion Ratio Lower Upper

75 100

77 43.9 22.0 41.0#



#45

1,1,2-Trichloroethane

Concen: 0.248 ug/L

RT: 7.88 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Tgt Ion: 97 Resp: 10479

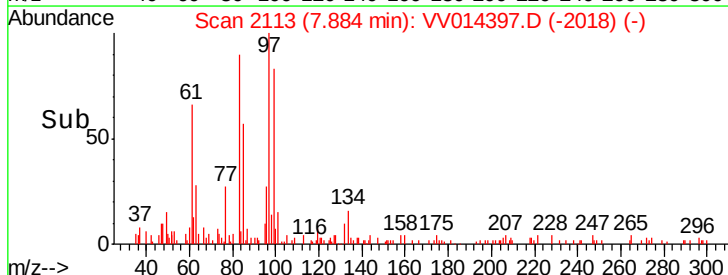
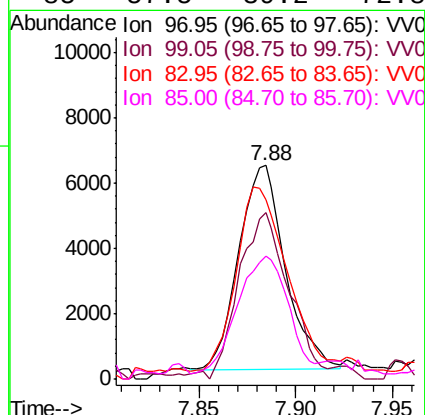
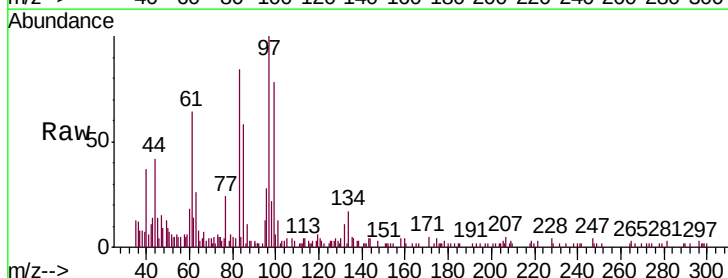
Ion Ratio Lower Upper

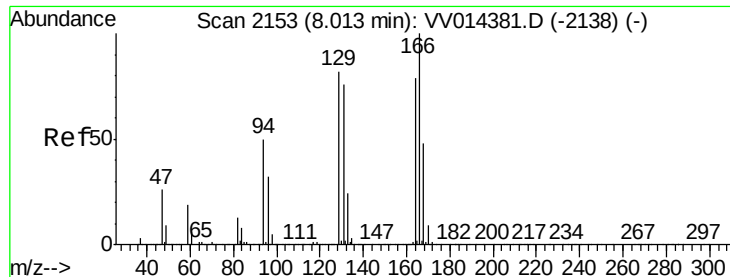
97 100

99 78.2 43.7 81.1

83 84.2 60.0 111.4

85 57.5 39.2 72.8





#47

Tetrachloroethene

Concen: 0.407 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Instrument :

MSVOA_V

ClientSampleId :

H0AC3

Tgt Ion:164 Resp: 18710

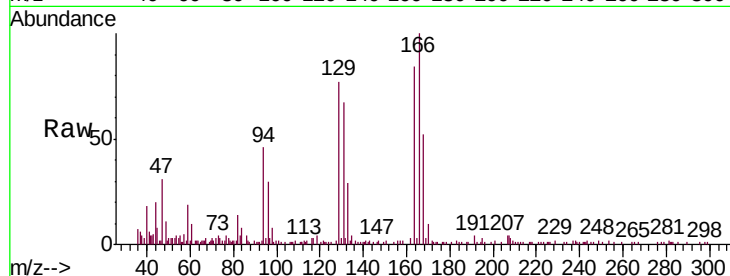
Ion Ratio Lower Upper

164 100

129 91.0 71.7 133.3

131 79.9 70.4 130.8

166 118.4 90.3 167.7

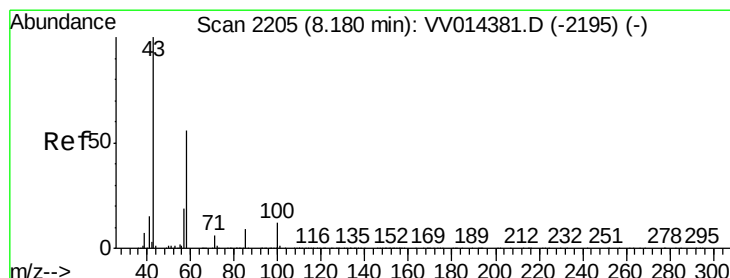
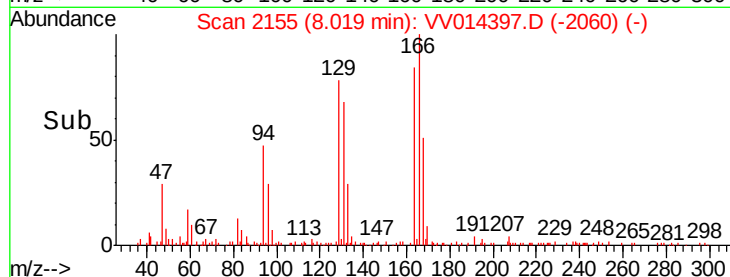
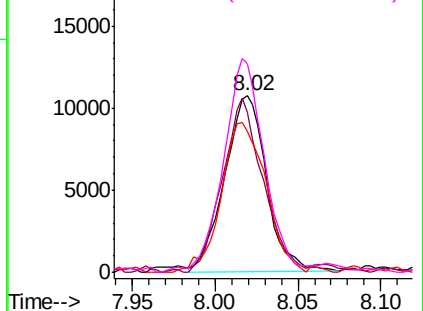


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.443 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV014397.D

Acq: 24 Jan 2020 18:46

Tgt Ion: 43 Resp: 99250

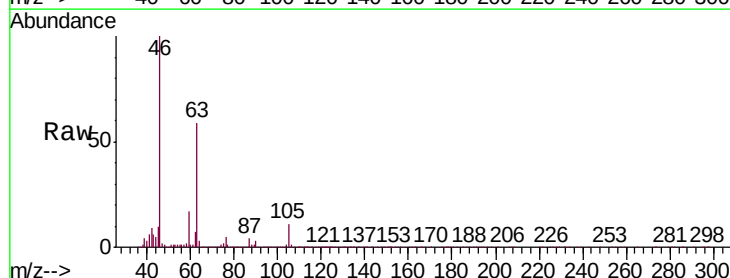
Ion Ratio Lower Upper

43 100

58 10.7 45.4 68.0#

57 16.0 15.8 23.8

100 0.4 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

