

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014164.D
 Acq On : 23 Dec 2019 17:55
 Operator : SY/MD
 Sample : K6404-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377145	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	154696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125765	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	108207	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	166182	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.95	46	260183	50.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	4.40	84	240016	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	121097	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	484545	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	150864	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	410073	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	52780	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	180412	45.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95969	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	153844	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

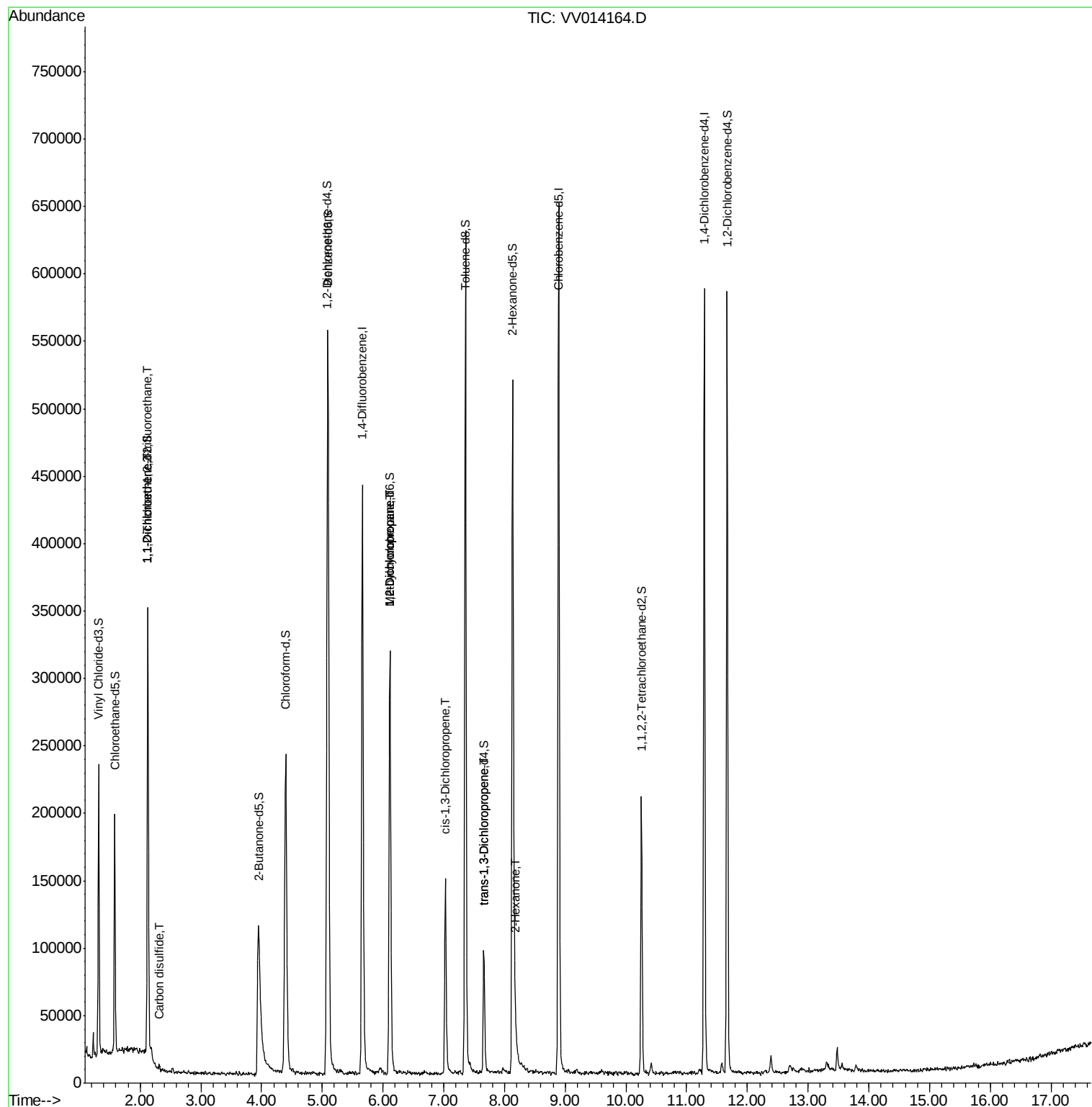
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2023	0.091 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	2041	0.094 ug/L #	1
14) Carbon disulfide	2.32	76	3904	0.054 ug/L #	66
35) Methylcyclohexane	6.11	83	36628	0.937 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	16502	0.669 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	3505	0.101 ug/L #	30
44) trans-1,3-Dichloropropene	7.66	75	2276	0.083 ug/L #	72
48) 2-Hexanone	8.18	43	9498	0.967 ug/L #	40

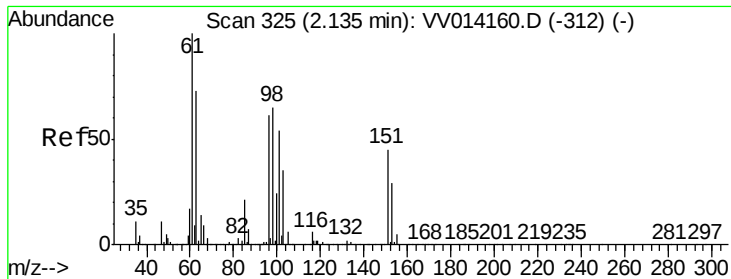
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

Instrument :

MSVOA_V

ClientSampleId :

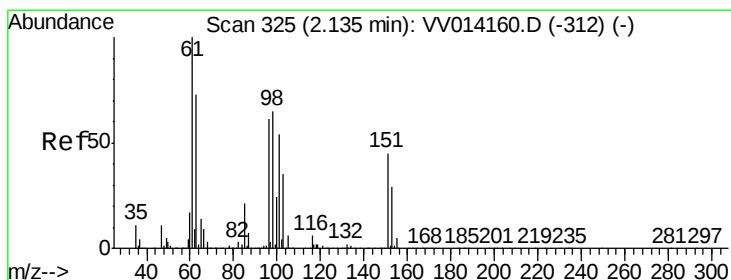
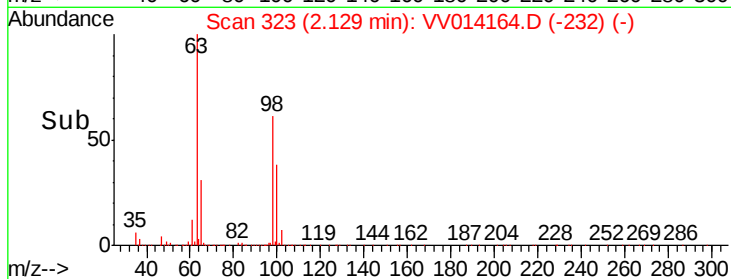
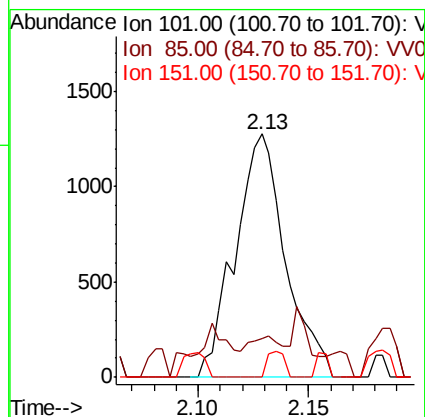
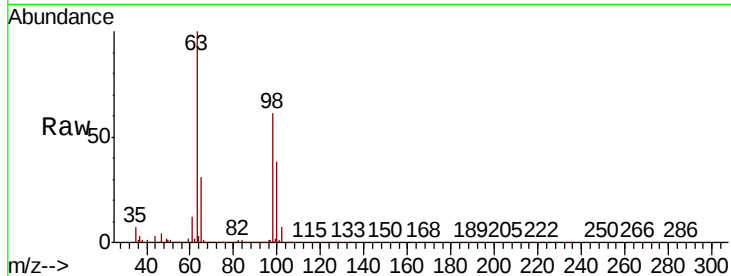
Tot Ion:101 Resp: 2023

Ion Ratio Lower Upper

101 100

85 10.8 34.7 52.1#

151 3.7 69.1 103.7#



#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

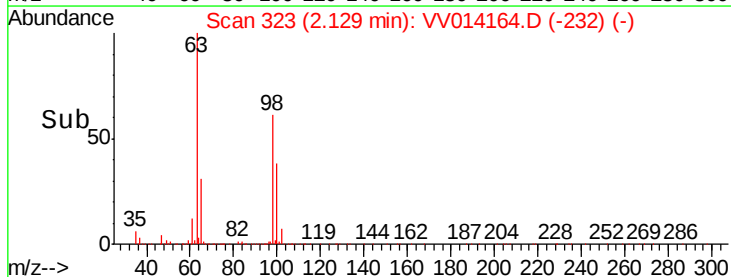
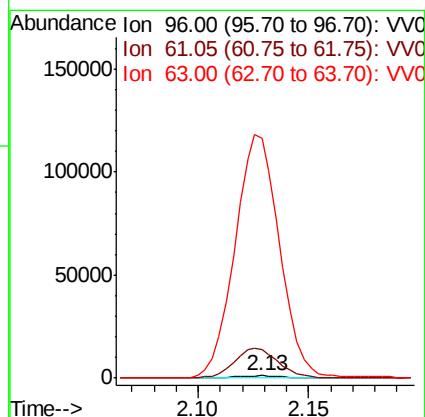
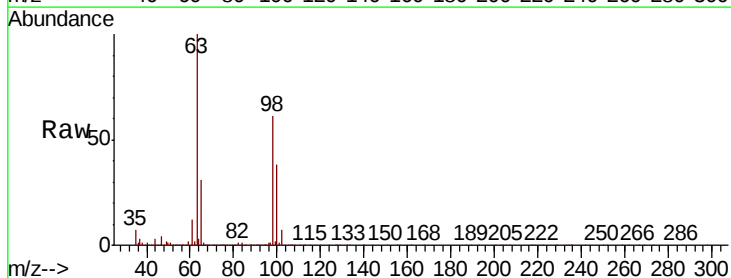
Tgt Ion: 96 Resp: 2041

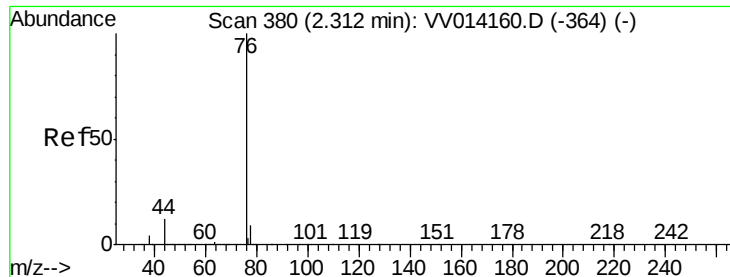
Ion Ratio Lower Upper

96 100

61 1161.0 115.8 215.2#

63 9745.0 79.9 148.3#





#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

Instrument :

MSVOA_V

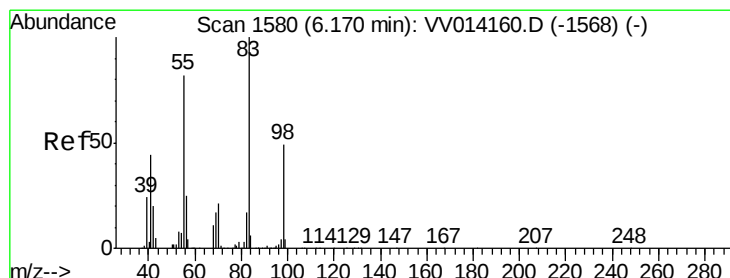
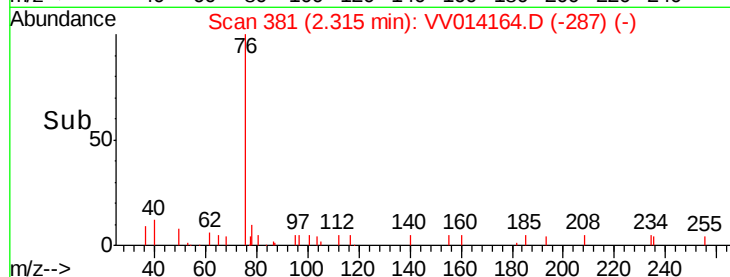
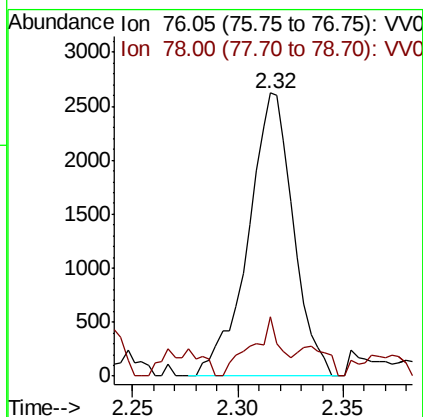
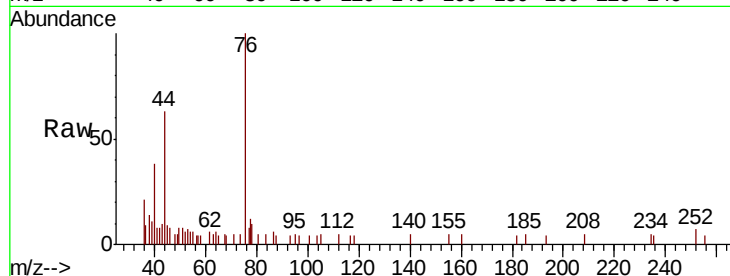
ClientSampleId :

Tot Ion: 76 Resp: 3904

Ion Ratio Lower Upper

76 100

78 21.1 7.0 10.6#



#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

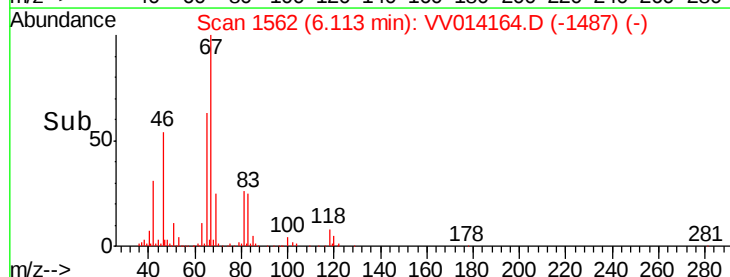
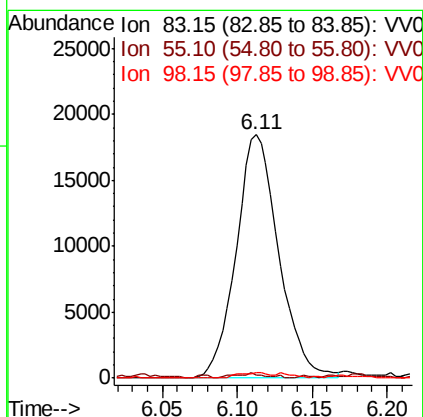
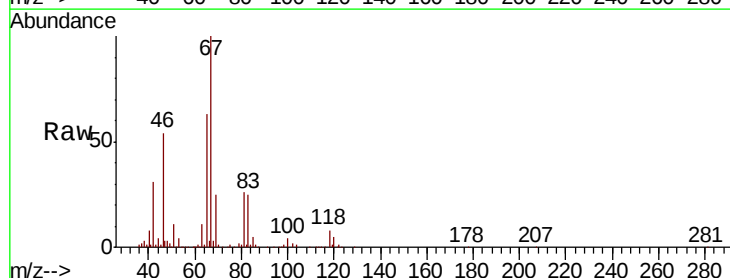
Tgt Ion: 83 Resp: 36628

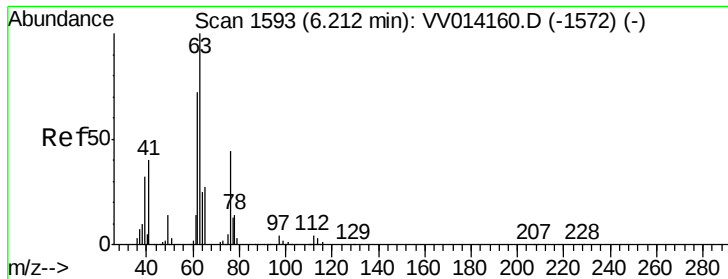
Ion Ratio Lower Upper

83 100

55 1.4 65.3 97.9#

98 1.0 39.2 58.8#

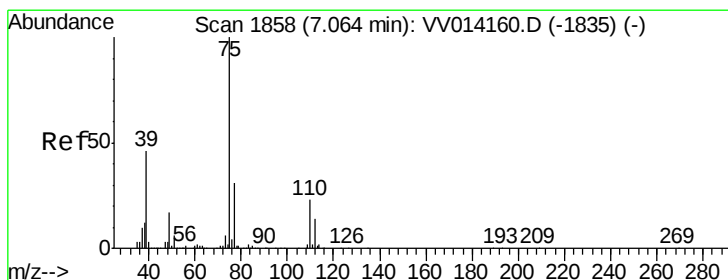
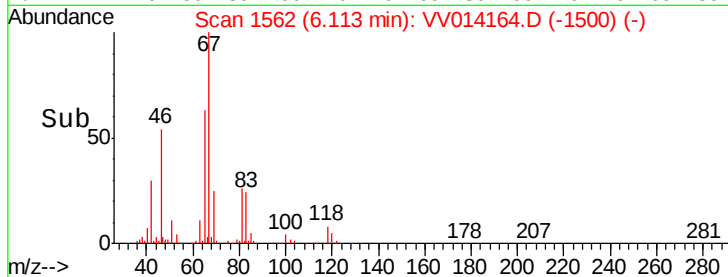
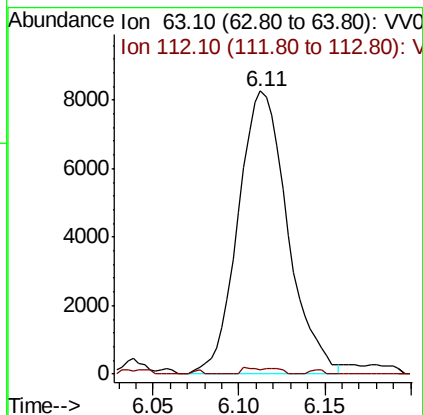
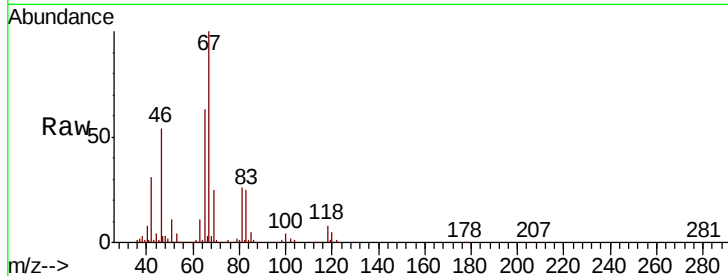




#37
 1,2-Dichloropropane
 Concen: 0.669 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014164.D
 Acq: 23 Dec 2019 17:55

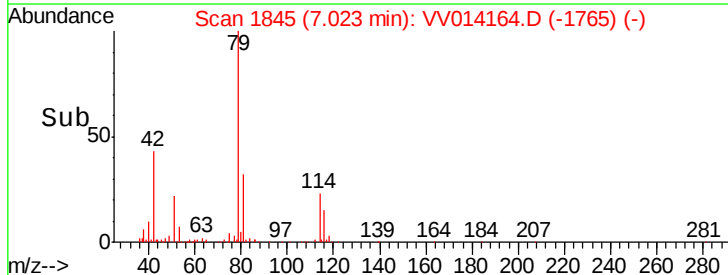
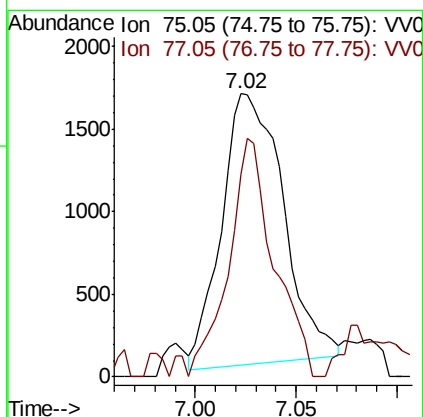
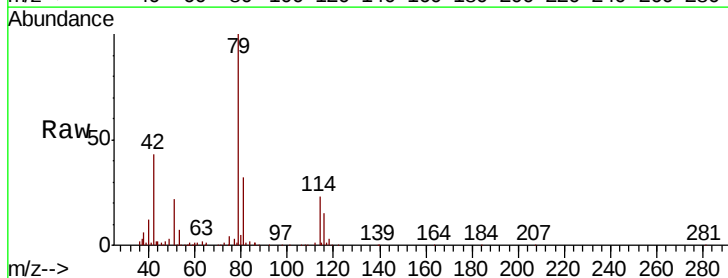
Instrument :
 MSVOA_V
 ClientSampleId :

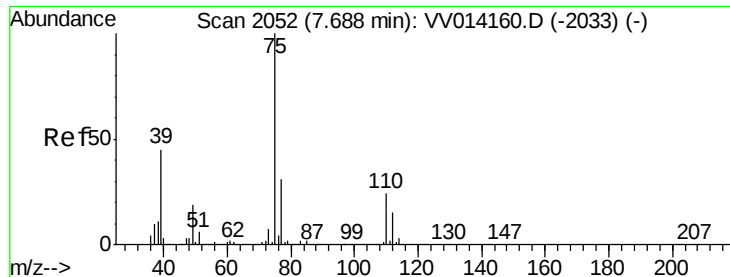
Tot Ion: 63 Resp: 16502
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.0 6.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014164.D
 Acq: 23 Dec 2019 17:55

Tgt Ion: 75 Resp: 3505
 Ion Ratio Lower Upper
 75 100
 77 71.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

Instrument :

MSVOA_V

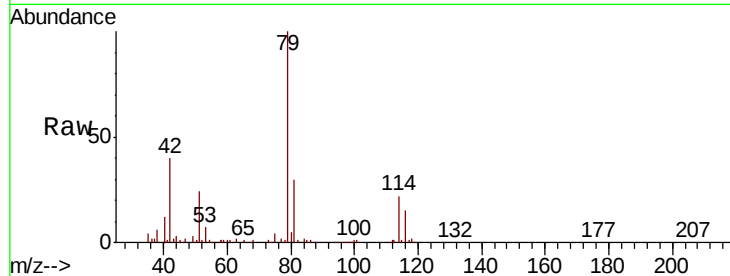
ClientSampleId :

Tot Ion: 75 Resp: 2276

Ion Ratio Lower Upper

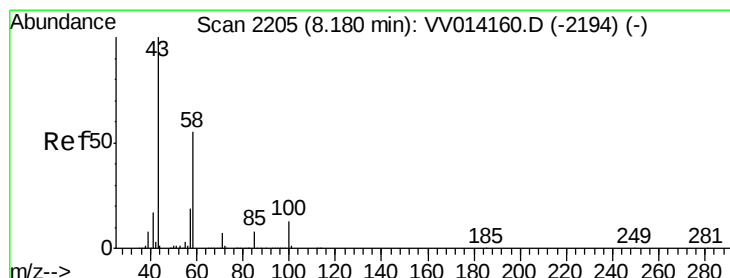
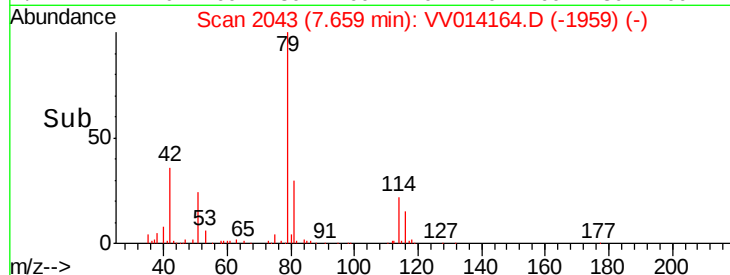
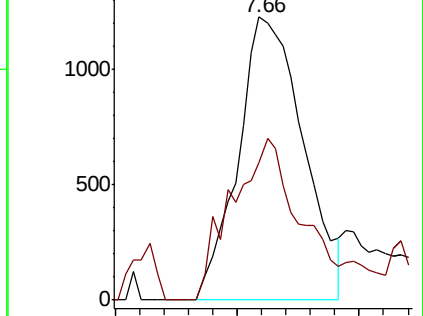
75 100

77 48.3 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.967 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV014164.D

Acq: 23 Dec 2019 17:55

Tgt Ion: 43 Resp: 9498

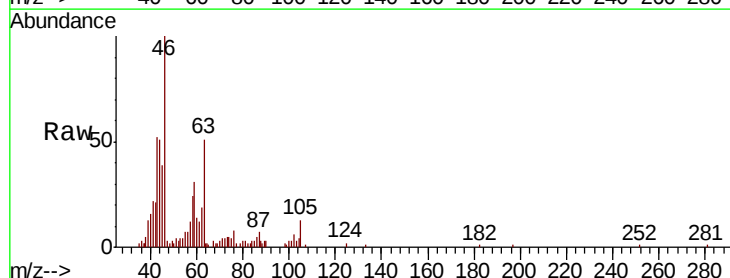
Ion Ratio Lower Upper

43 100

58 0.0 43.2 64.8#

57 0.0 14.8 22.2#

100 5.0 9.7 14.5#



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

