

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011620\
 Data File : VV014316.D
 Acq On : 16 Jan 2020 11:39
 Operator : SY/MD
 Sample : L1109-25
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 05:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 05:31:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	834177	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	752333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	343655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233339	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.59	69	193423	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	296672	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	528745	37.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.42%
24) Chloroform-d	4.40	84	482356	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	246530	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.09	84	1023650	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.11	67	324287	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.35	98	918464	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	127390	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.13	63	525416	40.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	217783	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	295569	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

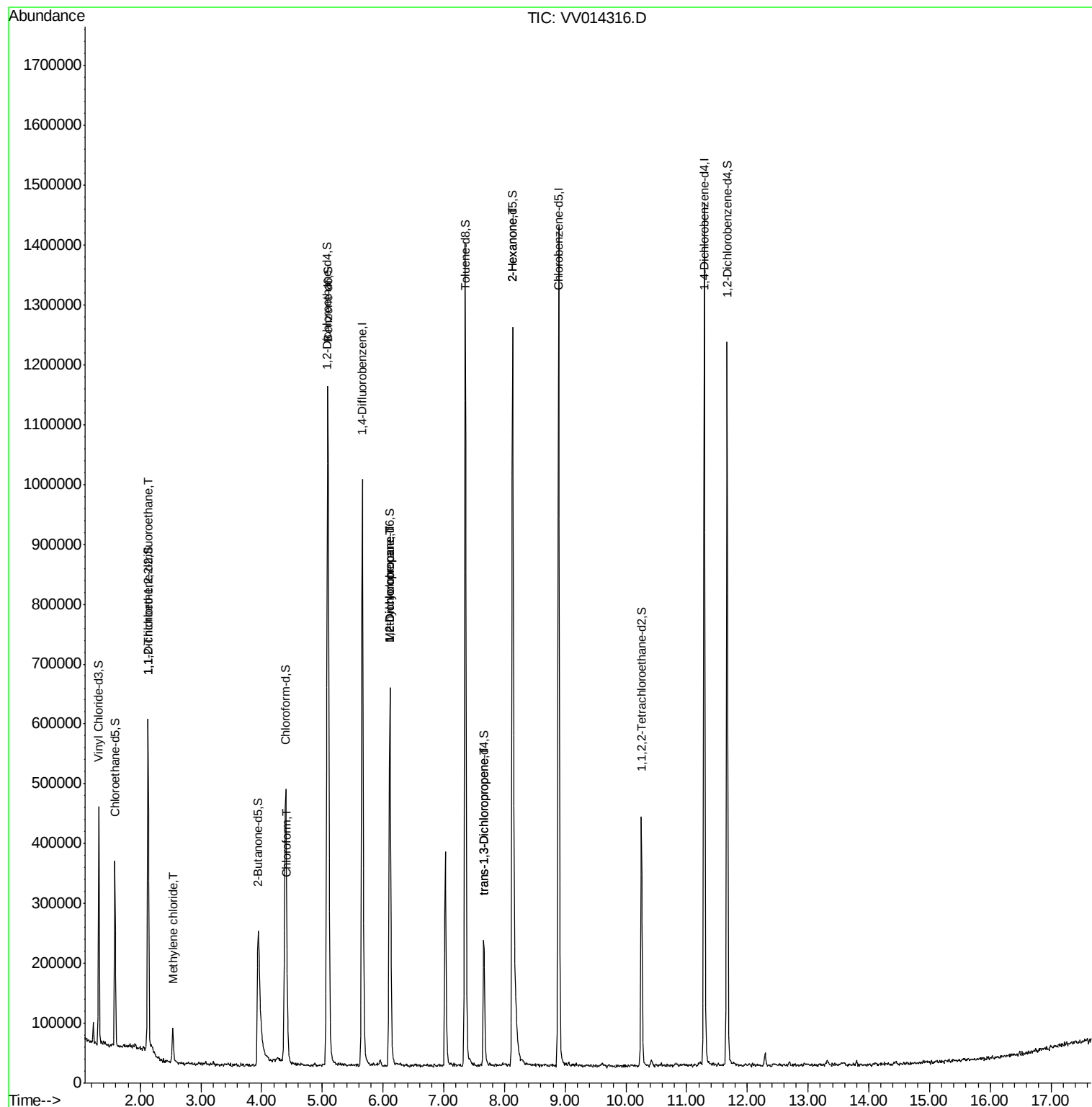
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3359	0.090 ug/L #	32
16) Methylene chloride	2.54	84	25392	0.419 ug/L	85
25) Chloroform	4.42	83	20213	0.192 ug/L	99
35) Methylcyclohexane	6.11	83	73549	0.756 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	33682	0.576 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	6469	0.089 ug/L #	74
48) 2-Hexanone	8.13	43	68697	2.694 ug/L #	71

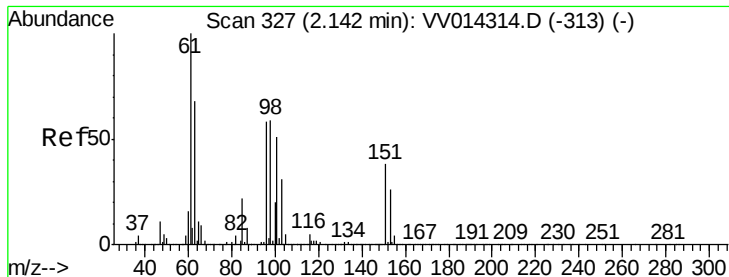
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 05:31:19 2020
Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014316.D

Acq: 16 Jan 2020 11:39

Instrument :

MSVOA_V

ClientSampleId :

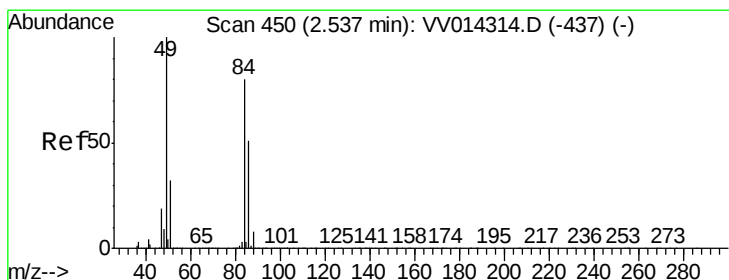
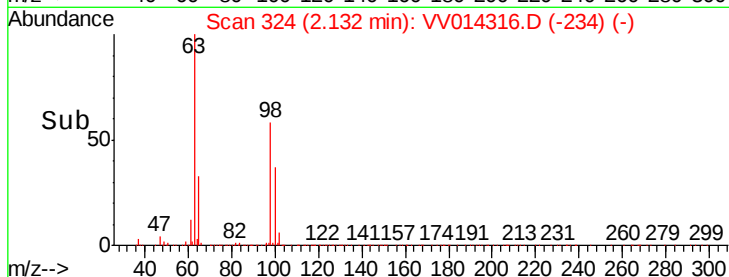
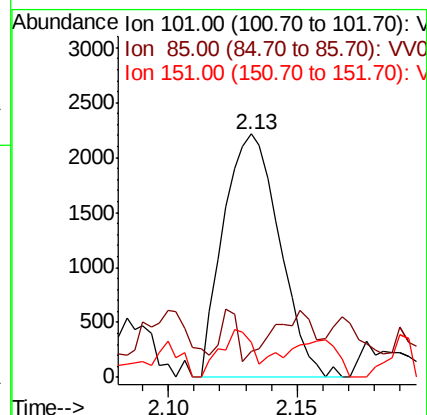
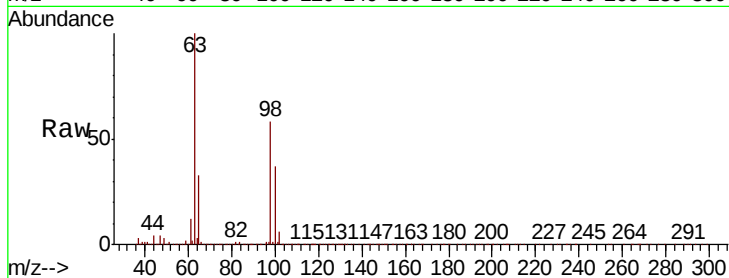
Tot Ion:101 Resp: 3359

Ion Ratio Lower Upper

101 100

85 8.6 34.9 52.3#

151 12.3 62.5 93.7#



#16

Methylene chloride

Concen: 0.419 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014316.D

Acq: 16 Jan 2020 11:39

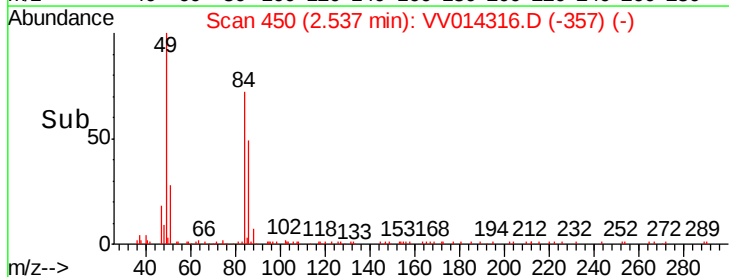
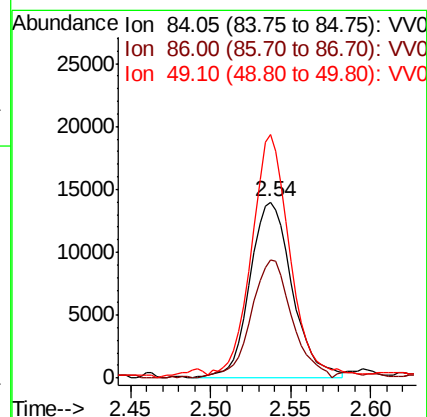
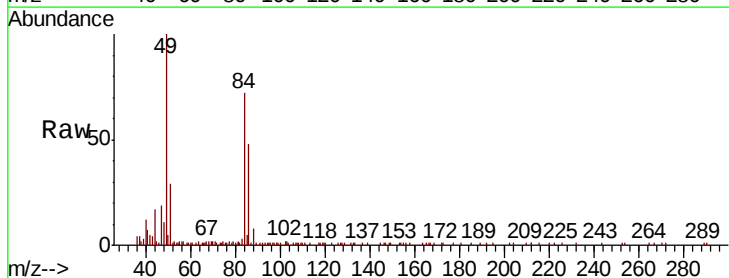
Tgt Ion: 84 Resp: 25392

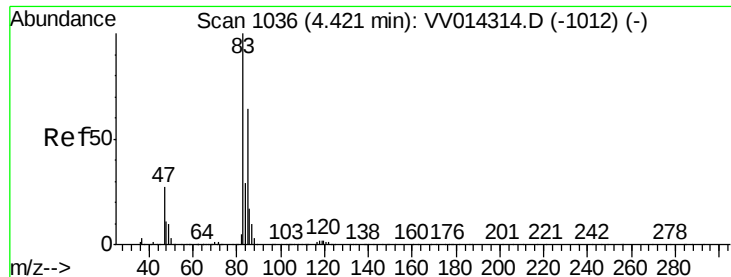
Ion Ratio Lower Upper

84 100

86 66.9 43.1 80.1

49 138.5 82.1 152.5





#25

Chloroform

Concen: 0.192 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014316.D

Acq: 16 Jan 2020 11:39

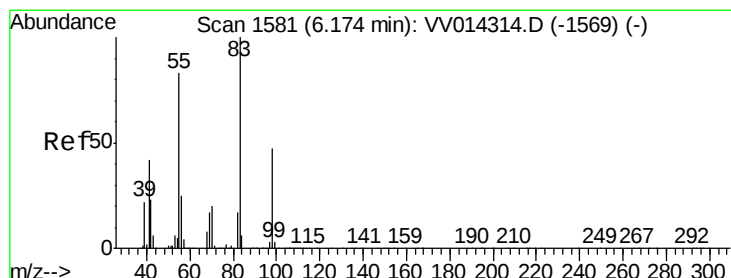
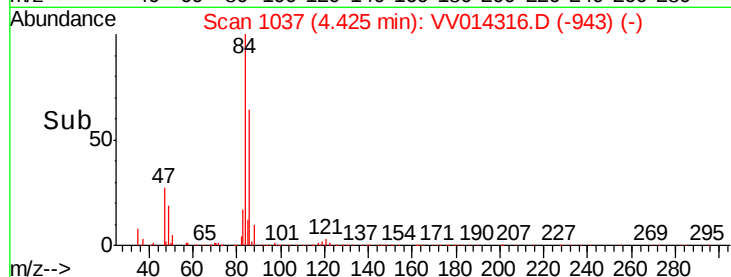
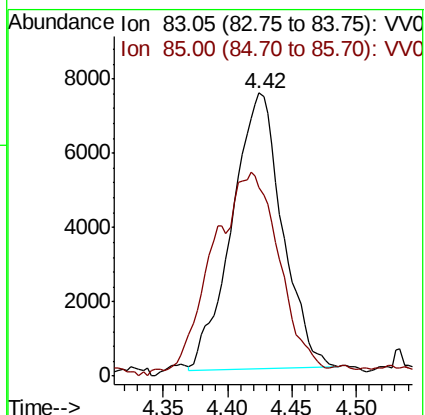
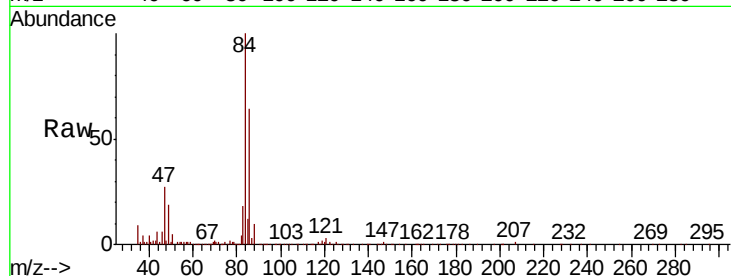
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 20213

Ion Ratio Lower Upper

83 100

85 66.6 46.2 85.8



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV014316.D

Acq: 16 Jan 2020 11:39

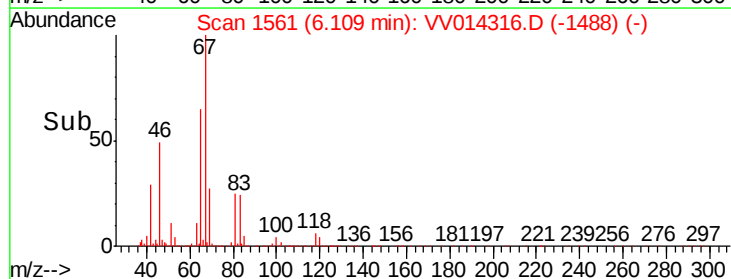
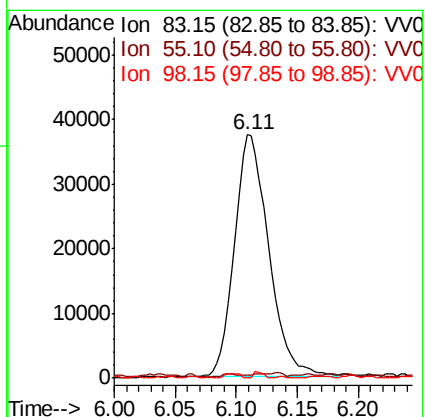
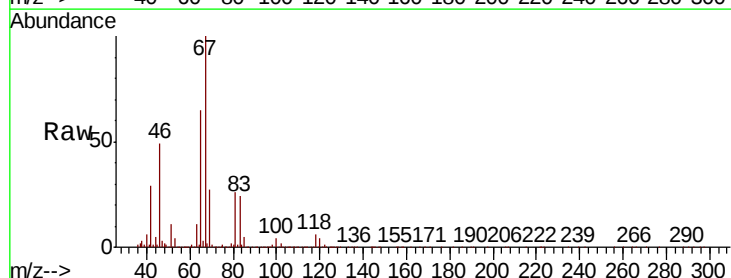
Tgt Ion: 83 Resp: 73549

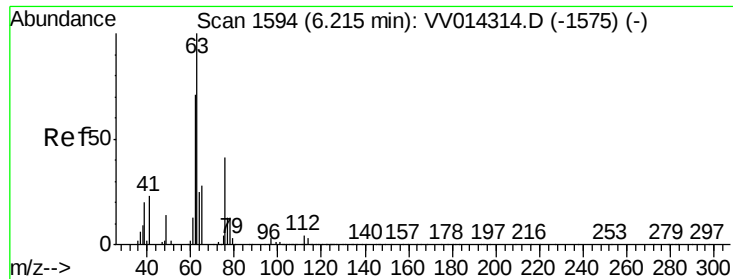
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 0.7 38.1 57.1#

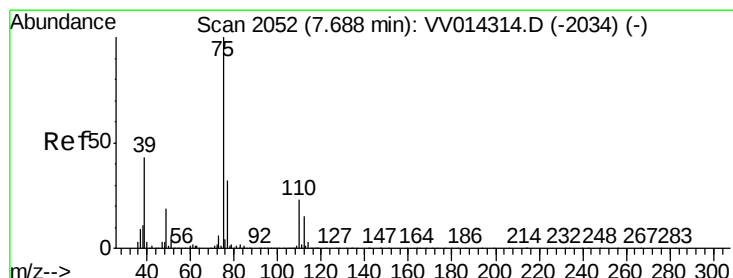
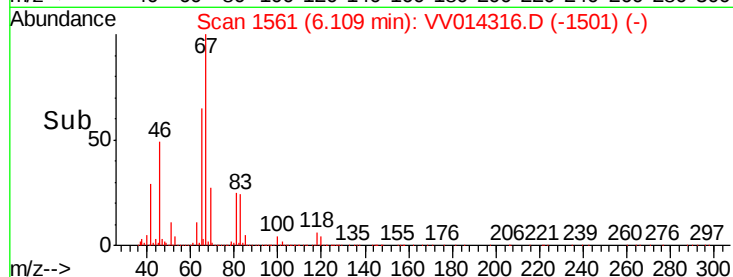
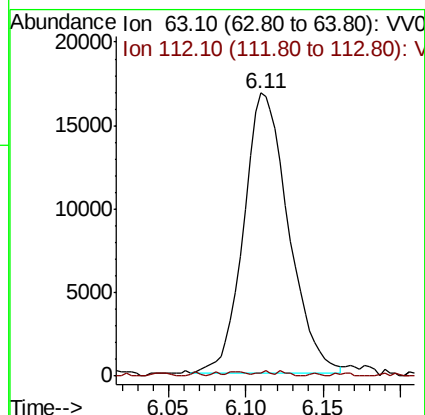
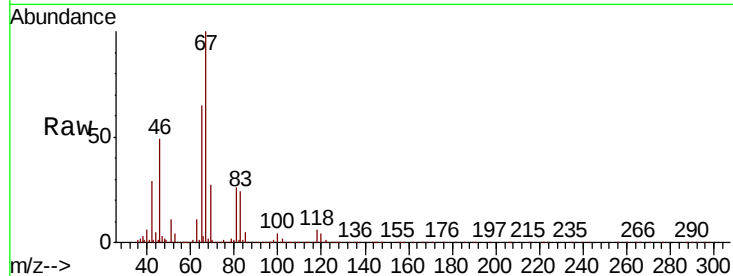




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV014316.D
 Acq: 16 Jan 2020 11:39

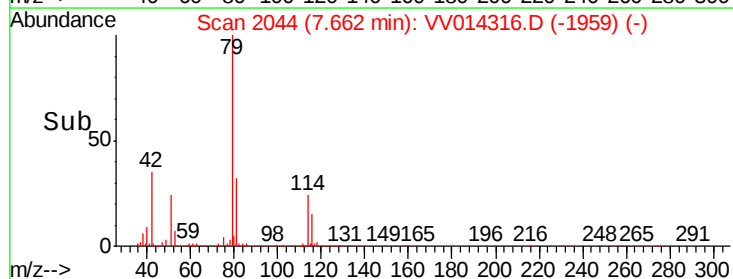
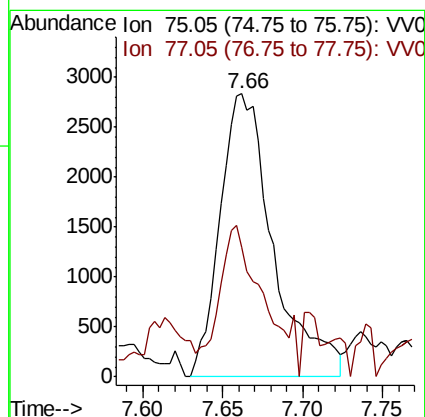
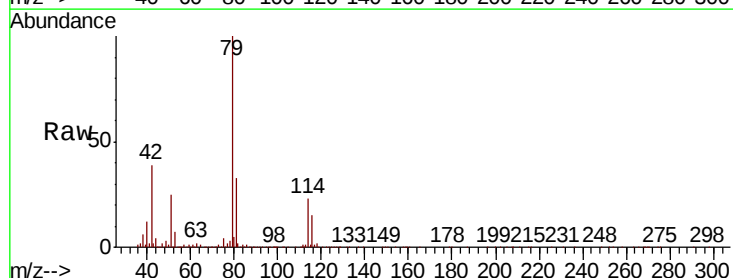
Instrument :
 MSVOA_V
 ClientSampleId :

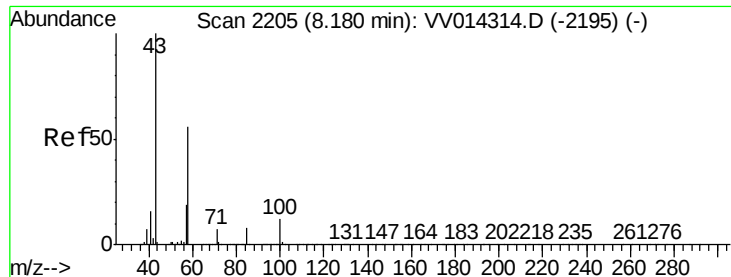
Tot Ion: 63 Resp: 33682
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014316.D
 Acq: 16 Jan 2020 11:39

Tgt Ion: 75 Resp: 6469
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.0 41.0#





#48
 2-Hexanone
 Concen: 2.694 ug/L
 RT: 8.13 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014316.D
 Acq: 16 Jan 2020 11:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 68697
 Ion Ratio Lower Upper
 43 100
 58 29.2 45.4 68.0#
 57 17.6 15.8 23.8
 100 0.1 10.2 15.4#

