

Data File : VV013211.D
Acq On : 18 Oct 2019 19:11
Operator : SY/MD
Sample : K5321-17
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA2

Quant Time: Oct 19 04:28:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	421974	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	454481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	214080	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	174213	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	265089	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.96	46	400696	45.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.34%
24) Chloroform-d	4.40	84	419205	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	203985	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	859608	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	264111	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	715637	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	84881	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.13	63	316088	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	181128	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	292349	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

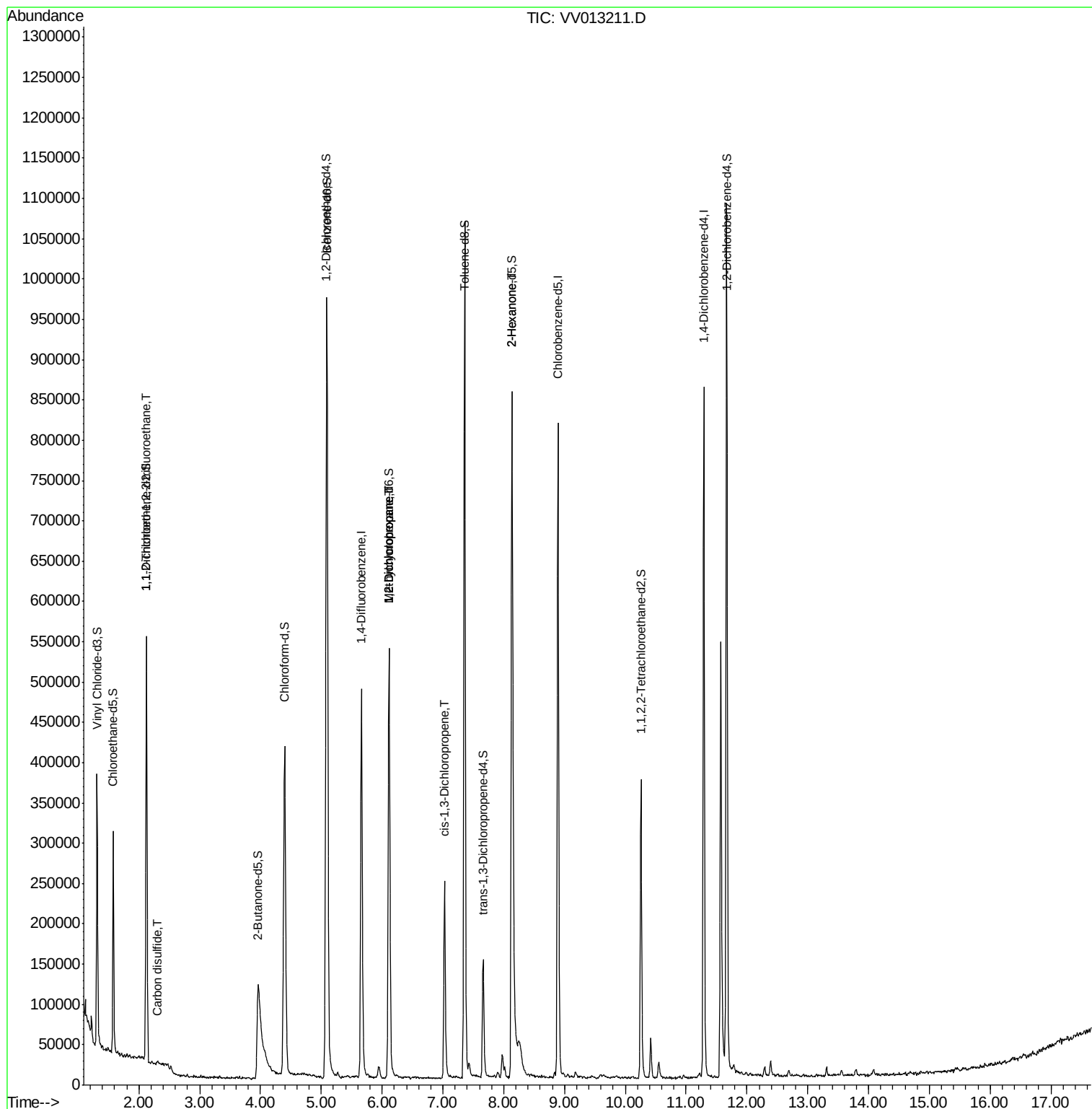
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2899	0.082	ug/L #	27
14) Carbon disulfide	2.31	76	5383	0.056	ug/L #	26
35) Methylcyclohexane	6.12	83	60987	0.837	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	26421	0.585	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	6171	0.102	ug/L #	50
48) 2-Hexanone	8.14	43	47482	2.692	ug/L #	84

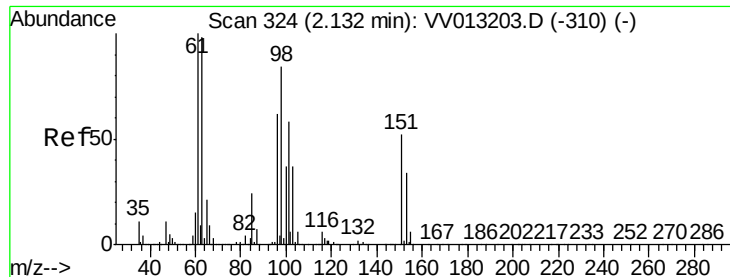
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

E0AA2

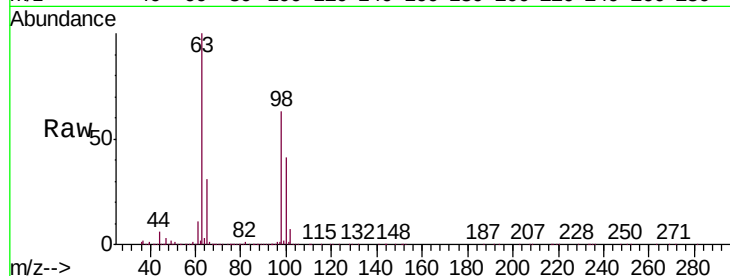
Tgt Ion: 101 Resp: 2899

Ion Ratio Lower Upper

101 100

85 8.9 32.4 48.6#

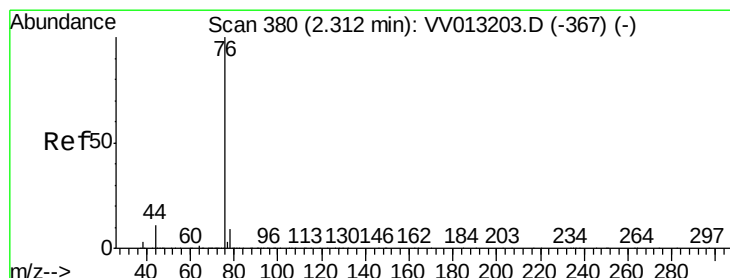
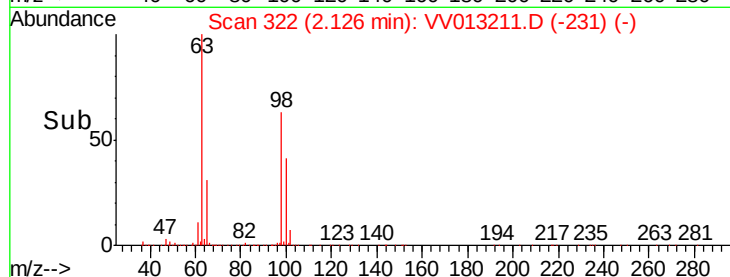
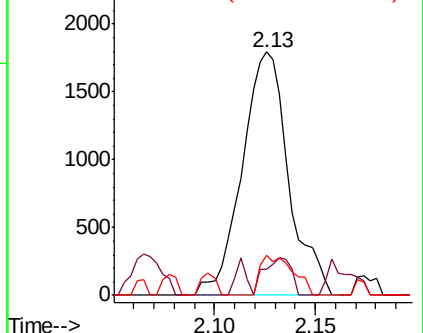
151 11.5 71.9 107.9#



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



#14

Carbon disulfide

Concen: 0.056 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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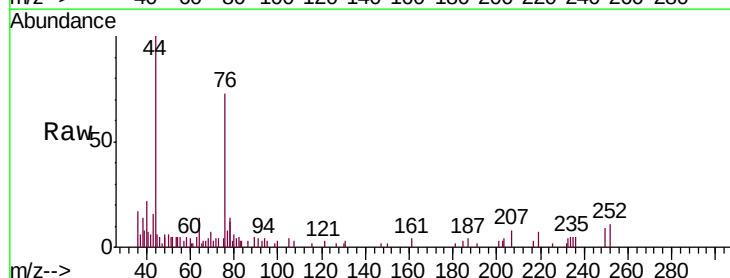
Acq: 18 Oct 2019 19:11

Tgt Ion: 76 Resp: 5383

Ion Ratio Lower Upper

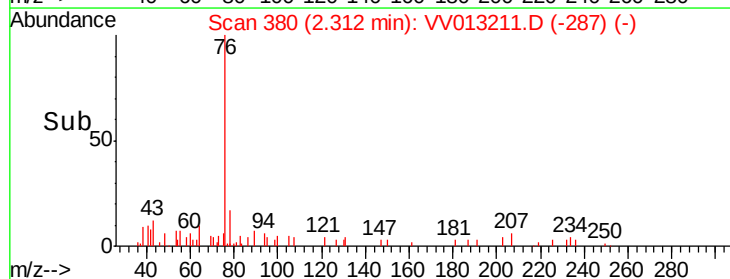
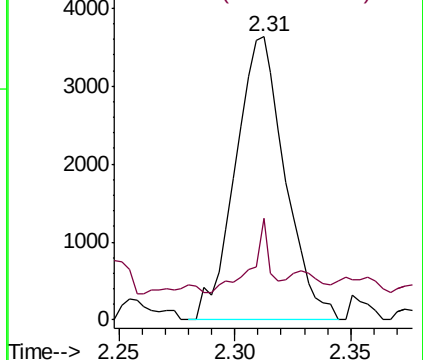
76 100

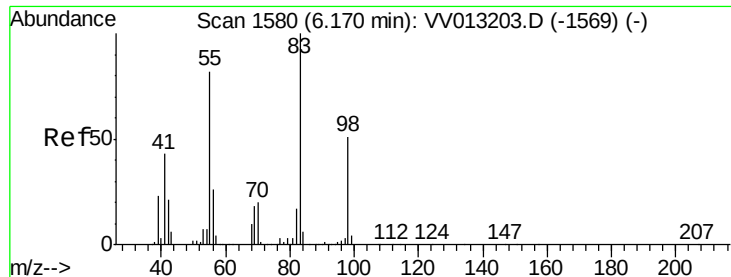
78 35.8 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

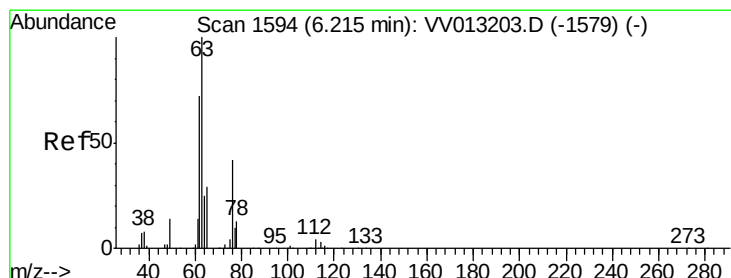
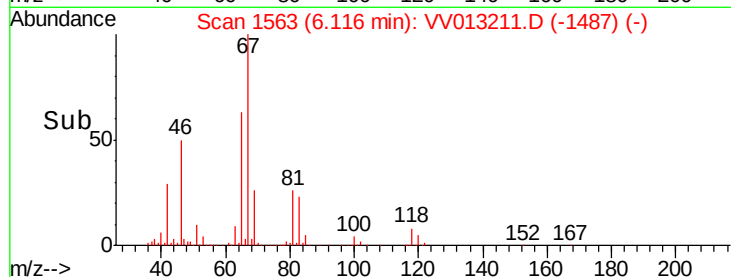
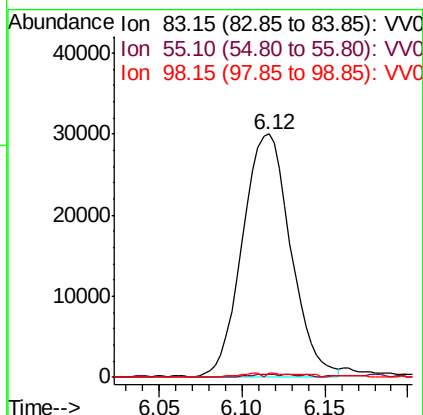
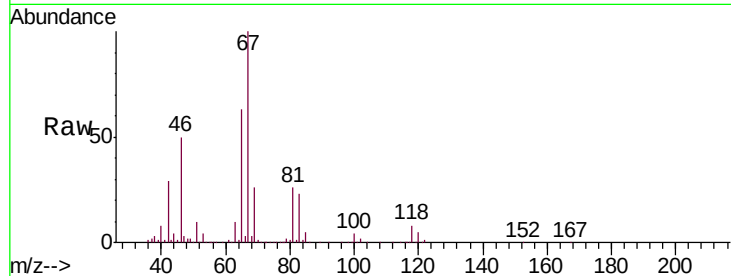




#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013211.D
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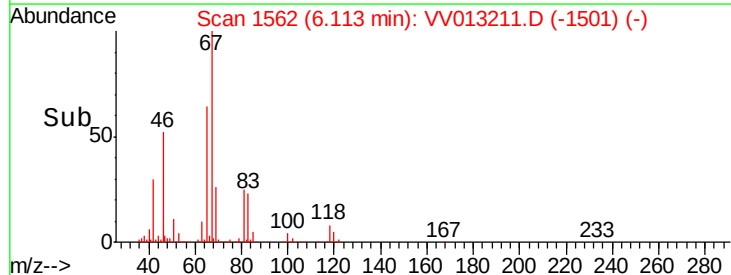
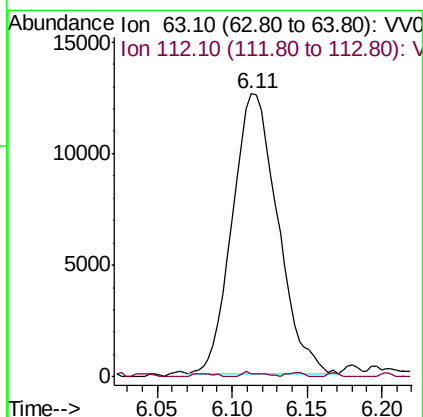
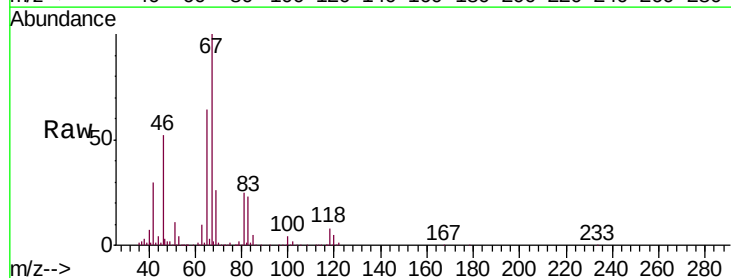
Instrument :
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E0AA2

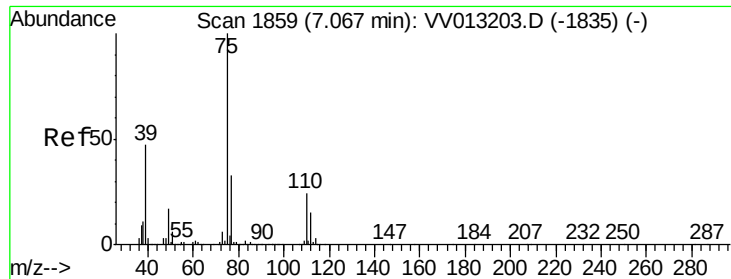
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.3	64.0	96.0#
98	0.8	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013211.D
Acq: 18 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#

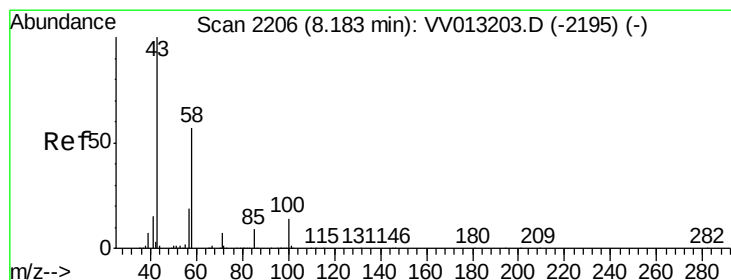
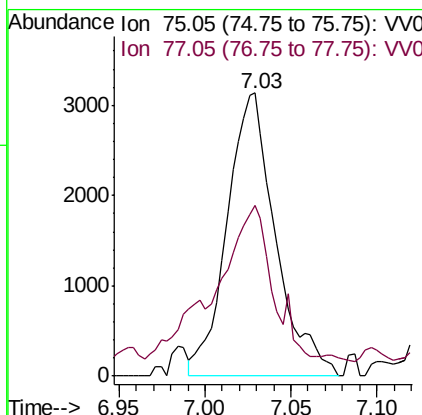
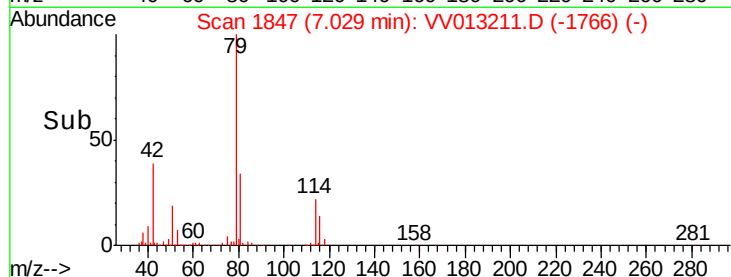
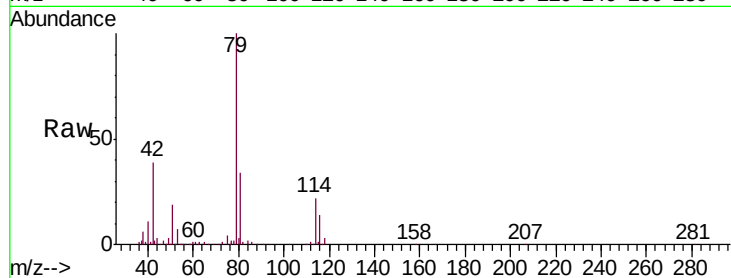




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013211.D
 Acq: 18 Oct 2019 19:11

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA2

Tgt Ion: 75 Resp: 6171
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.6 42.0#



#48
 2-Hexanone
 Concen: 2.692 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV013211.D
 Acq: 18 Oct 2019 19:11

Tgt Ion: 43 Resp: 47482
 Ion Ratio Lower Upper
 43 100
 58 47.5 44.2 66.2
 57 31.4 14.5 21.7#
 100 3.8 9.5 14.3#

