

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013186.D
 Acq On : 17 Oct 2019 23:16
 Operator : SY/MD
 Sample : K5321-21
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	451295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	481378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246975	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	193247	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.13	63	267590	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.97	46	484007	51.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	4.40	84	422833	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	215365	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	845757	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	269333	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	693185	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	88072	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.13	63	369783	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	194050	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	250786	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

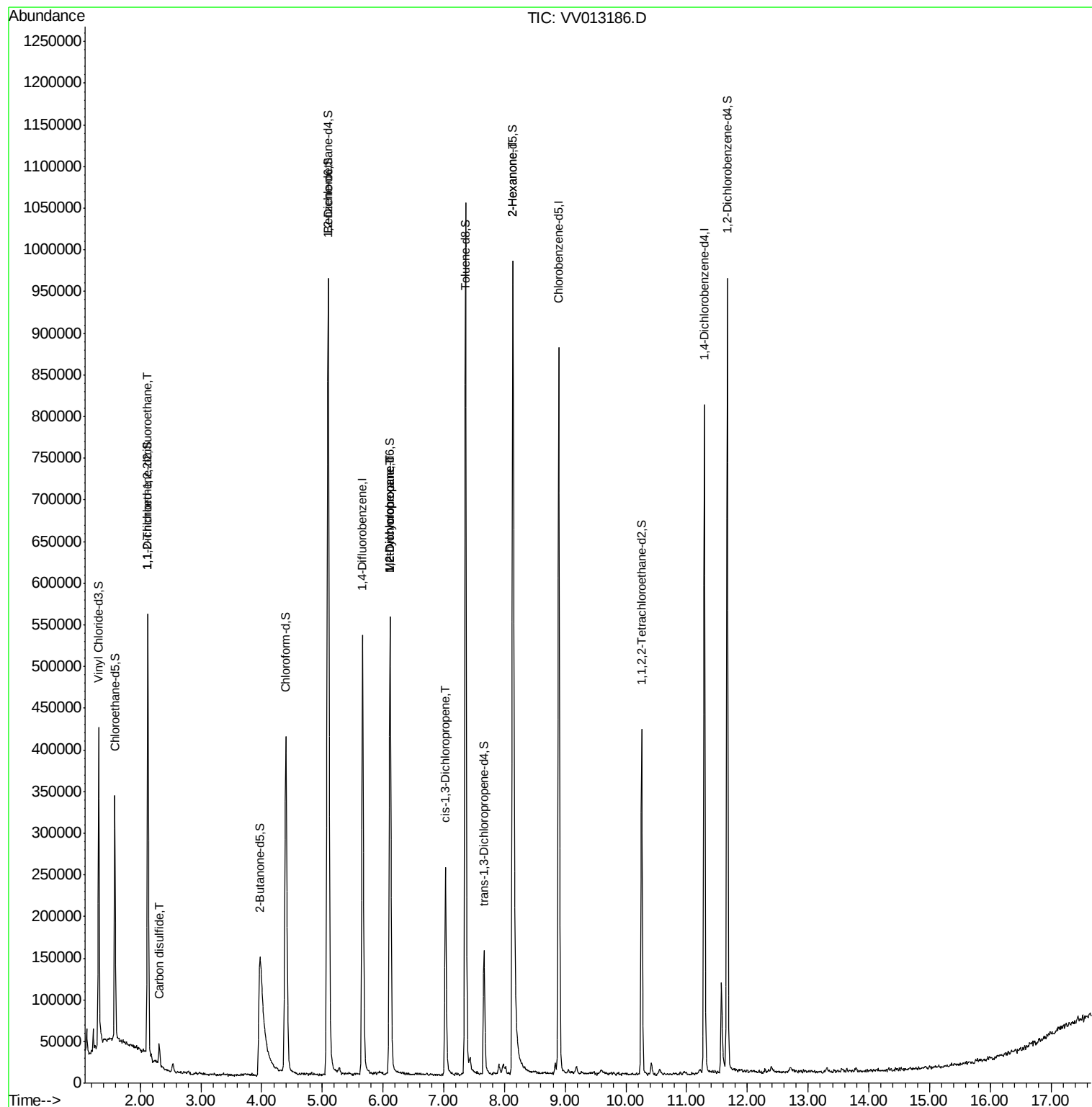
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3431	0.088	ug/L #	24
14) Carbon disulfide	2.32	76	30208	0.226	ug/L	98
35) Methylcyclohexane	6.12	83	64688	0.822	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	27564	0.591	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	6694	0.105	ug/L #	77
48) 2-Hexanone	8.14	43	60306	3.215	ug/L #	85

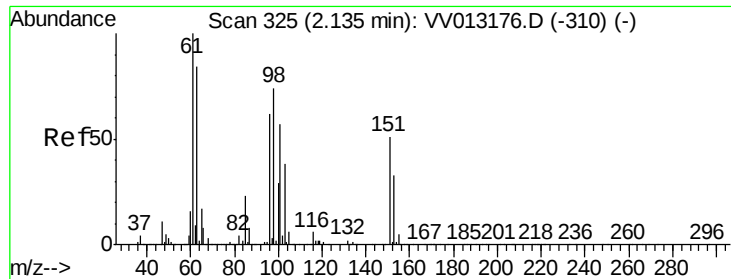
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013186.D

Acq: 17 Oct 2019 23:16

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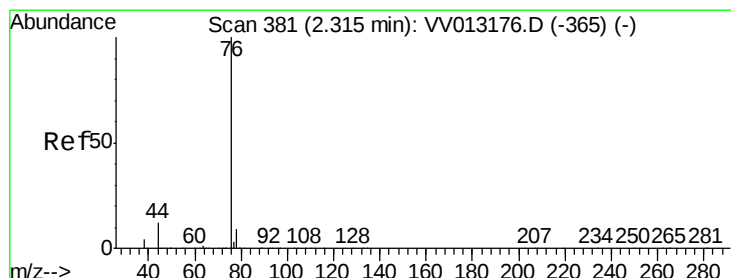
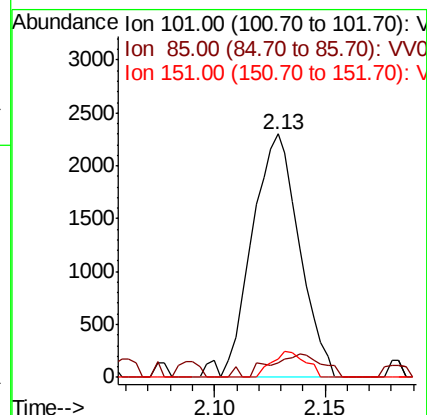
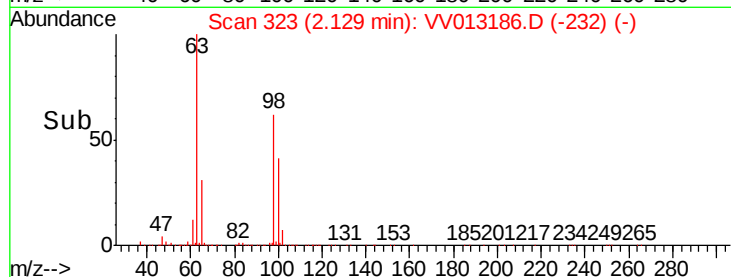
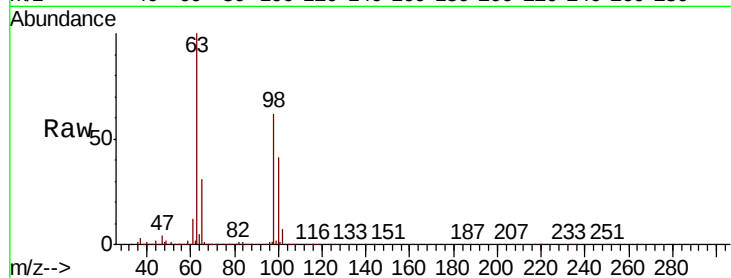
Tot Ion:101 Resp: 3431

Ion Ratio Lower Upper

101 100

85 10.1 32.4 48.6#

151 7.5 71.9 107.9#



#14

Carbon disulfide

Concen: 0.226 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV013186.D

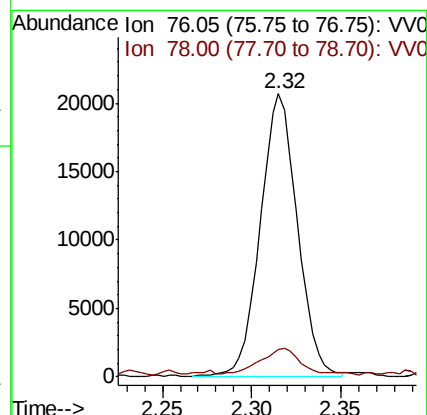
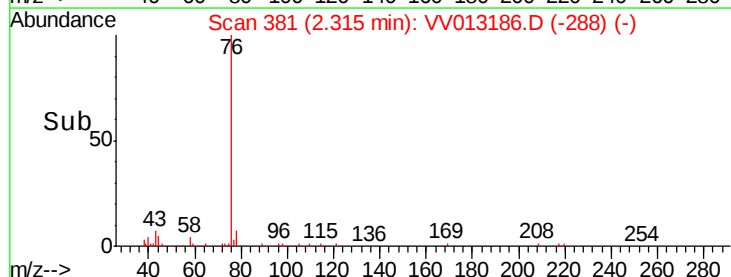
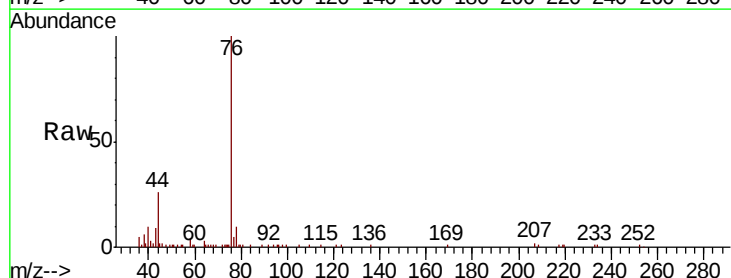
Acq: 17 Oct 2019 23:16

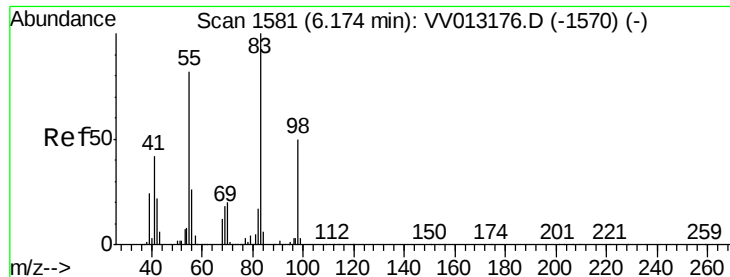
Tgt Ion: 76 Resp: 30208

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

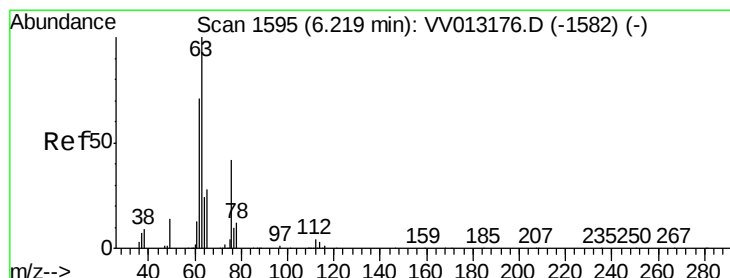
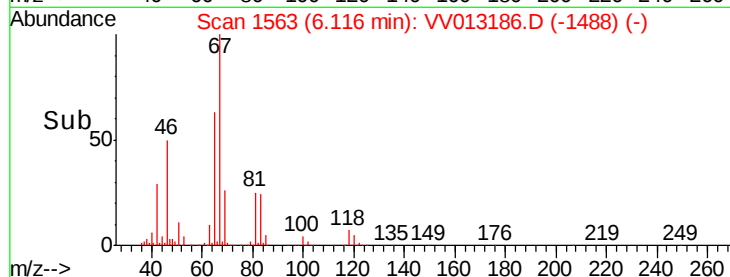
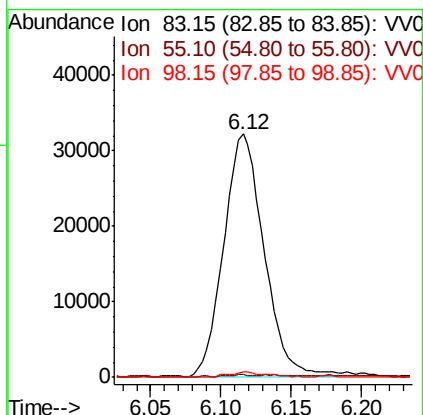
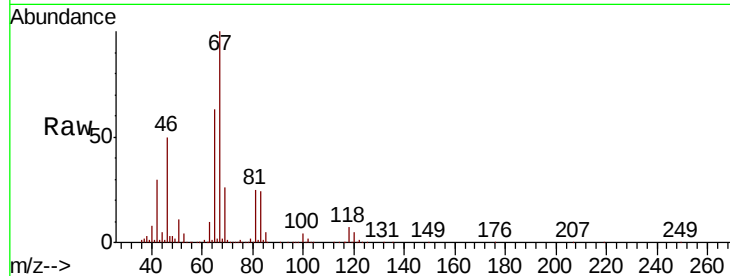




#35
Methvlcvclohexane
Concen: 0.822 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013186.D
Acq: 17 Oct 2019 23:16

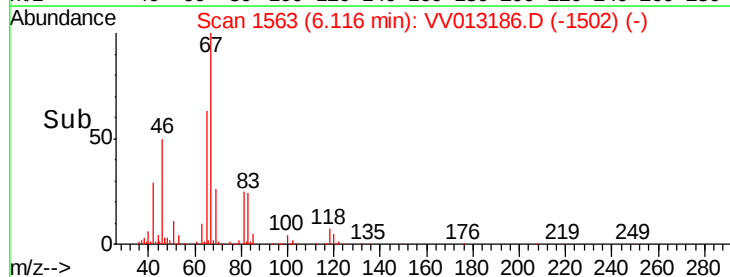
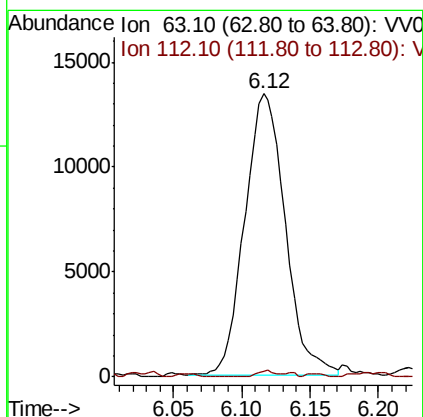
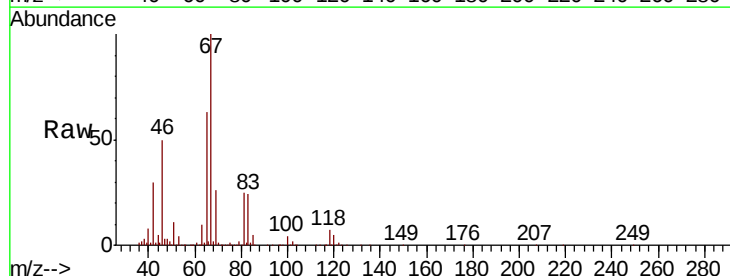
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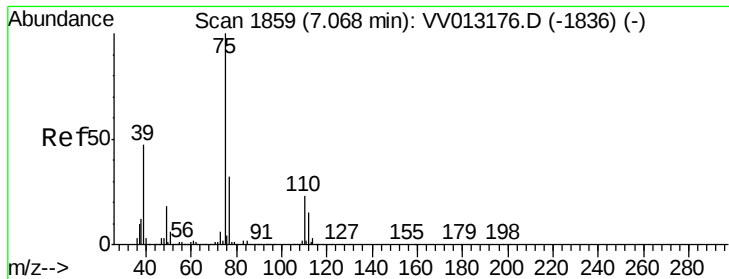
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.0	96.0#
98	1.4	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013186.D
Acq: 17 Oct 2019 23:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.8	5.8#



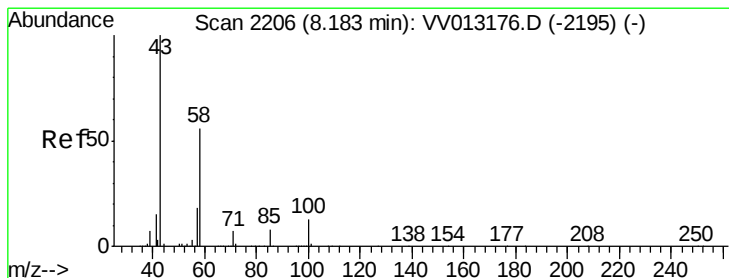
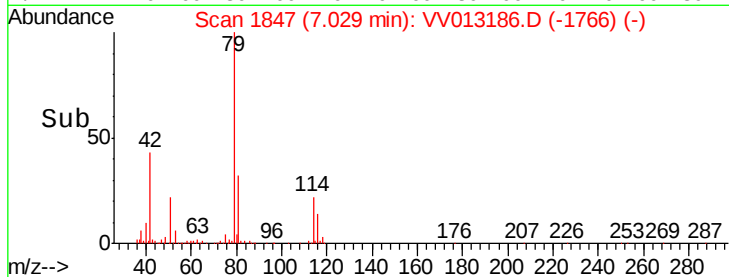
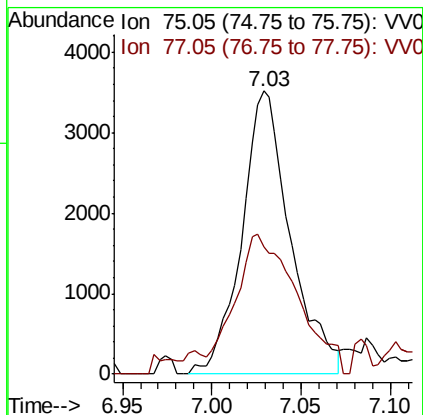
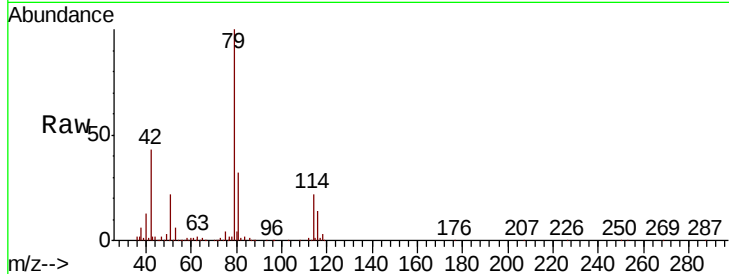


#39

cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013186.D
 Acq: 17 Oct 2019 23:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 6694
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.6 42.0#



#48

2-Hexanone
 Concen: 3.215 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV013186.D
 Acq: 17 Oct 2019 23:16

Tgt Ion: 43 Resp: 60306
 Ion Ratio Lower Upper
 43 100
 58 46.3 44.2 66.2
 57 27.1 14.5 21.7#
 100 4.3 9.5 14.3#

