

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013697.D
 Acq On : 20 Nov 2019 18:45
 Operator : SY/MD
 Sample : K5941-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330270	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128769	6.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.20%
7) Chloroethane-d5	1.58	69	117092	6.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.60%
11) 1,1-Dichloroethene-d2	2.13	63	175925	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.92	46	291660	61.82	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.64%
24) Chloroform-d	4.40	84	249005	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.08	65	127863	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.10	84	506433	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.11	67	154384	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.36	98	443798	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.66	79	53429	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.13	63	201673	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105304	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	176493	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

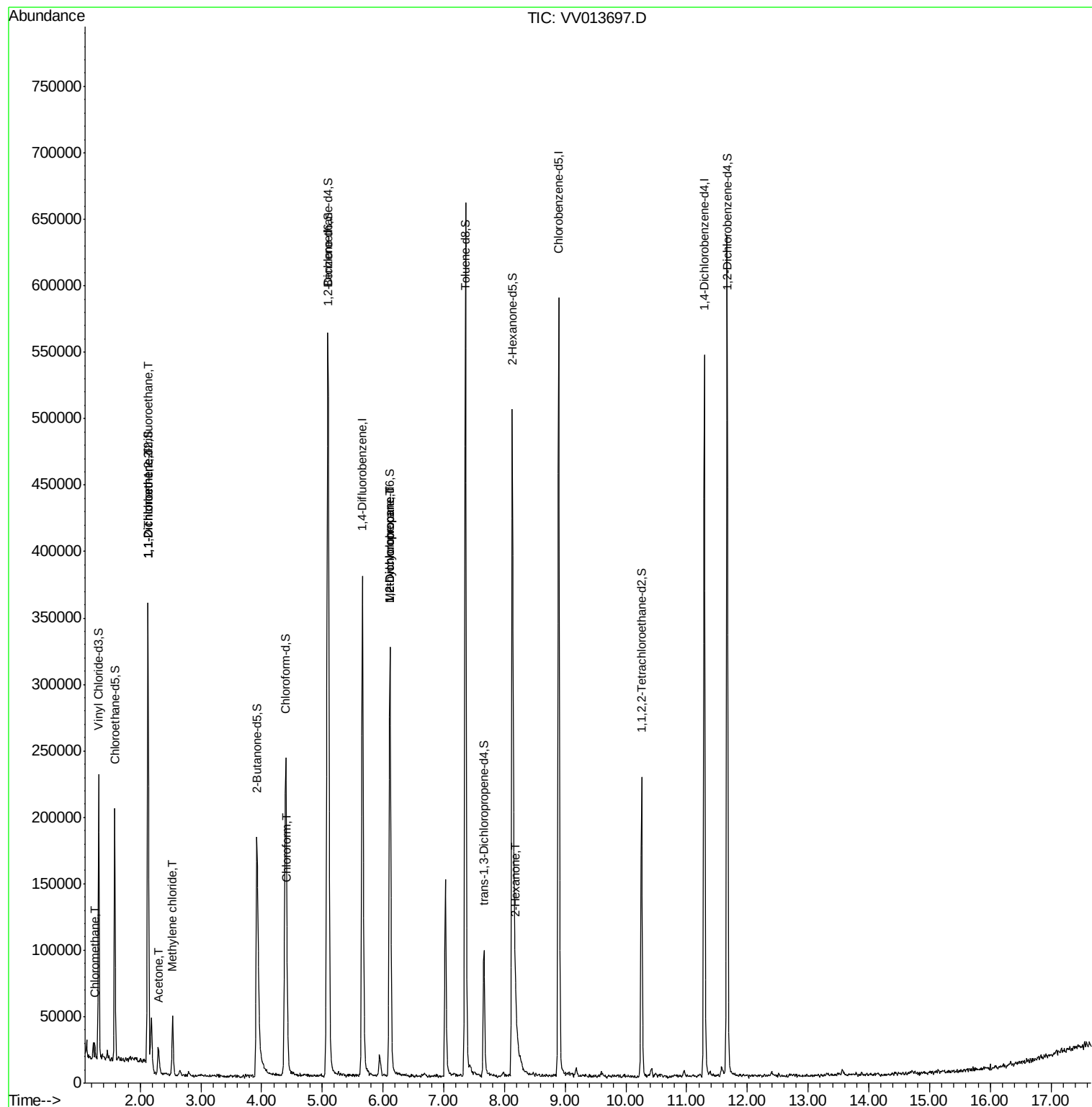
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	6779	0.232	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1905	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1951	0.099	ug/L #	1
13) Acetone	2.30	43	4426	1.487	ug/L	98
16) Methylene chloride	2.53	84	17263	0.630	ug/L	96
25) Chloroform	4.43	83	7689	0.131	ug/L	93
35) Methylcyclohexane	6.11	83	38342	0.945	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	17747	0.746	ug/L #	86
48) 2-Hexanone	8.18	43	18588	1.893	ug/L #	88

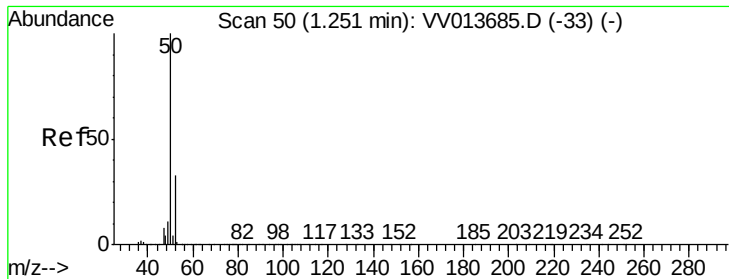
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.232 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013697.D

Acq: 20 Nov 2019 18:45

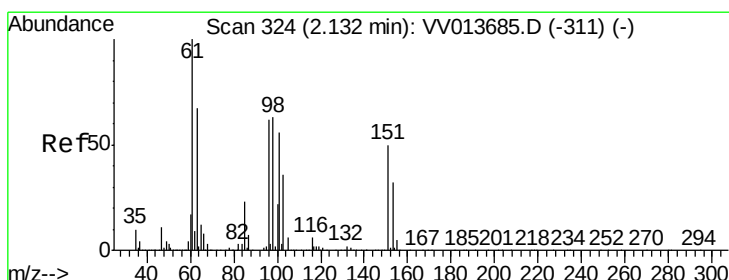
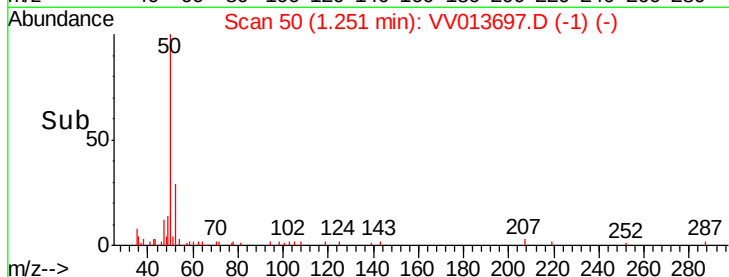
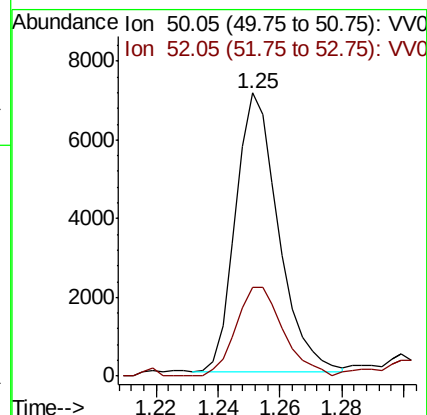
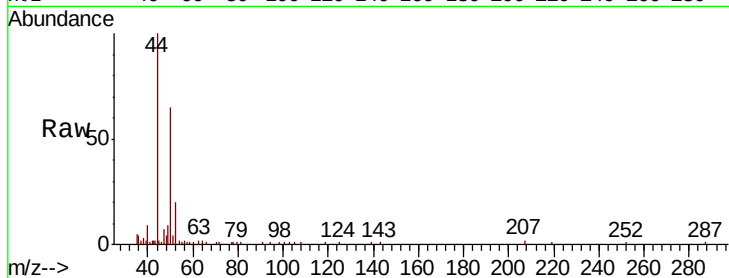
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 6779

Ion Ratio Lower Upper

50 100

52 31.2 23.4 43.4



#10

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

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013697.D

Acq: 20 Nov 2019 18:45

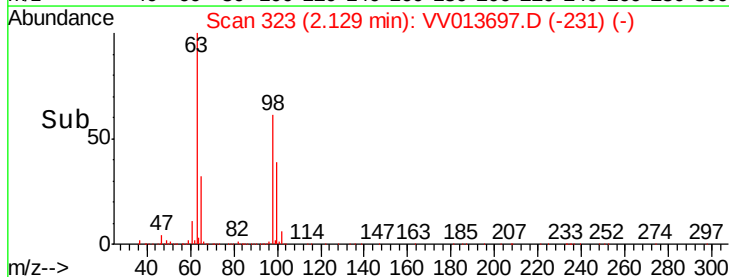
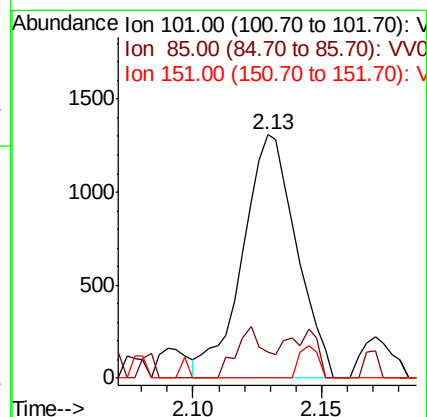
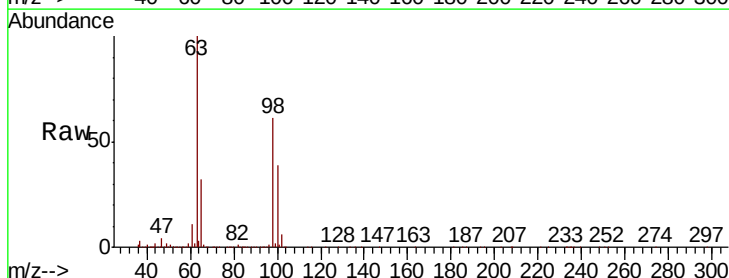
Tgt Ion: 101 Resp: 1905

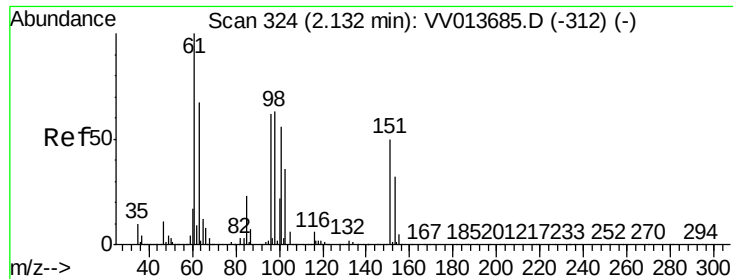
Ion Ratio Lower Upper

101 100

85 11.6 32.0 48.0#

151 0.0 69.0 103.6#

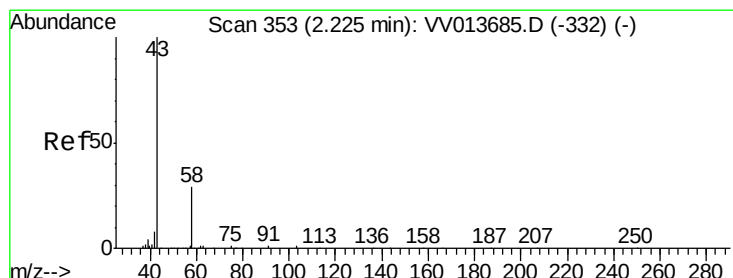
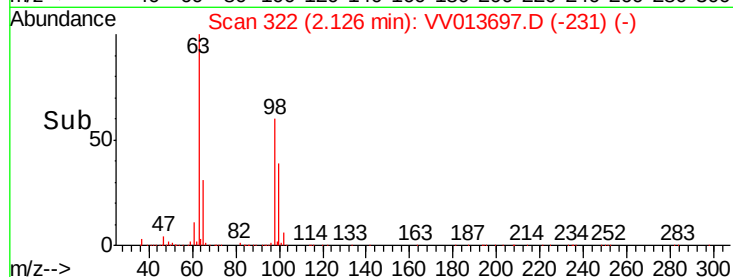
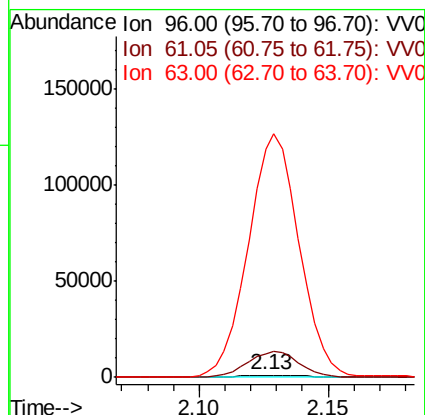
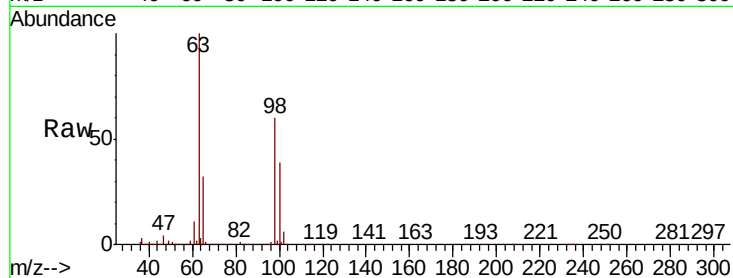




#12
 1,1-Dichloroethene
 Concen: 0.099 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV013697.D
 Acq: 20 Nov 2019 18:45

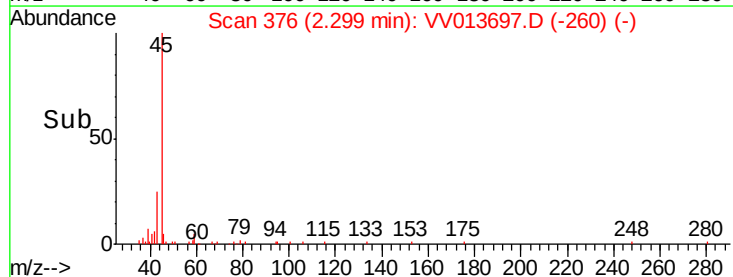
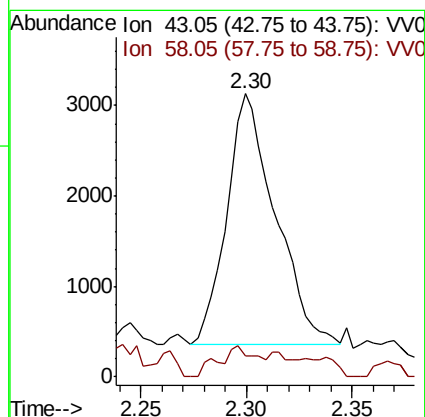
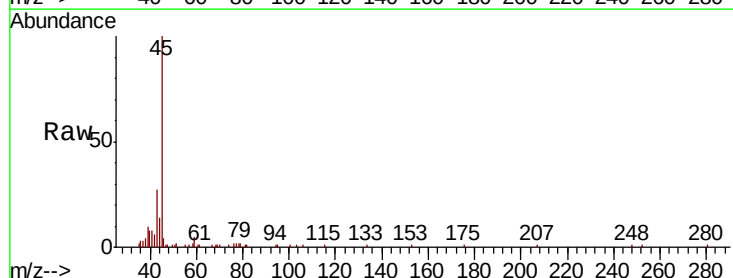
Instrument :
 MSVOA_V
 ClientSampleId :

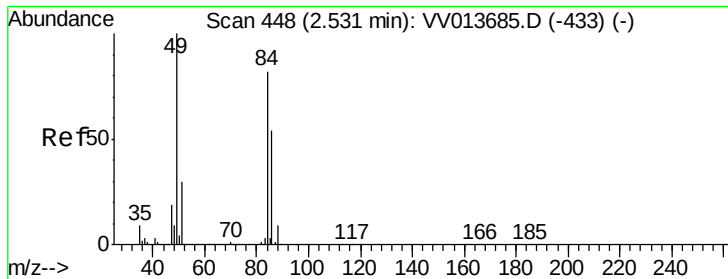
Tot Ion: 96 Resp: 1951
 Ion Ratio Lower Upper
 96 100
 61 1218.7 112.5 208.9#
 63 11570.3 76.9 142.7#



#13
 Acetone
 Concen: 1.487 ug/L
 RT: 2.30 min Scan# 376
 Delta R.T. 0.07 min
 Lab File: VV013697.D
 Acq: 20 Nov 2019 18:45

Tgt Ion: 43 Resp: 4426
 Ion Ratio Lower Upper
 43 100
 58 7.7 0.0 17.0

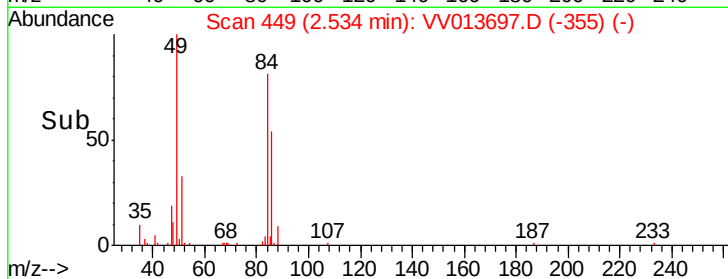
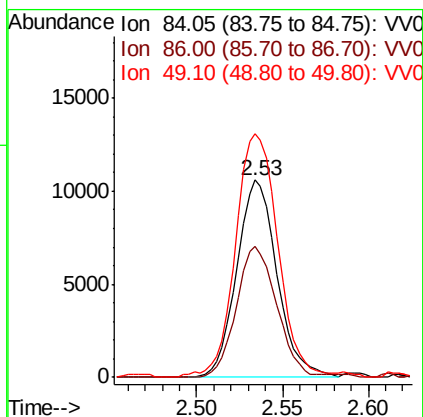
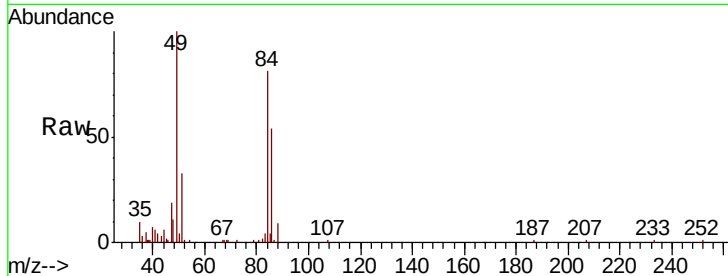




#16
Methylene chloride
Concen: 0.630 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013697.D
Acq: 20 Nov 2019 18:45

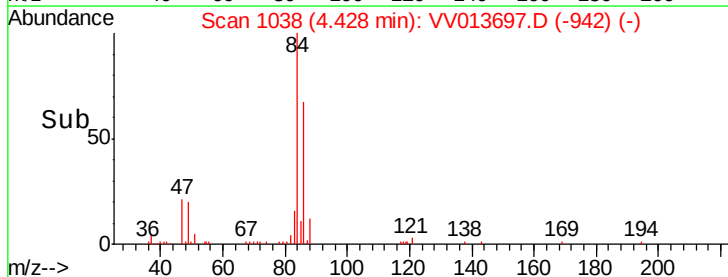
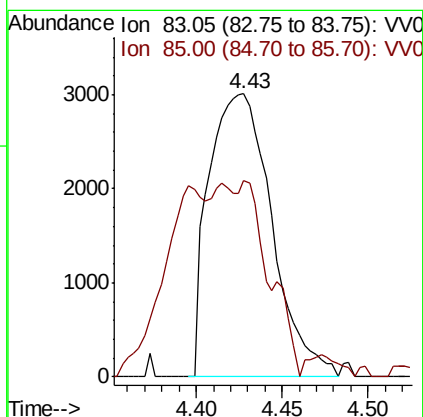
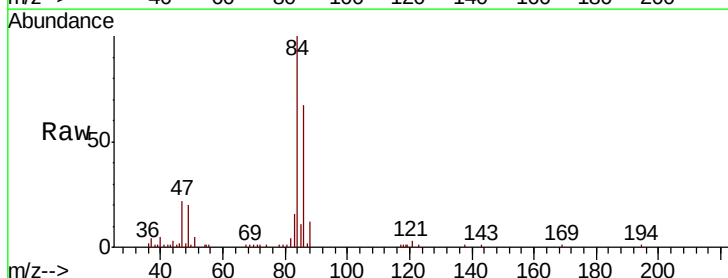
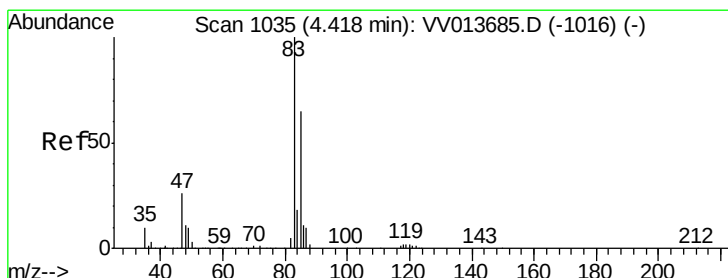
Instrument :
MSVOA_V
ClientSampleId :

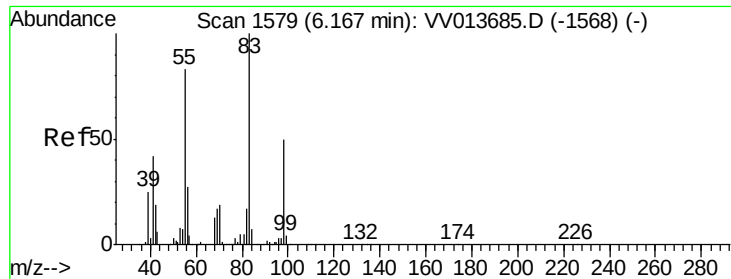
Tot Ion: 84 Resp: 17263
Ion Ratio Lower Upper
84 100
86 66.2 44.1 81.9
49 123.5 83.4 155.0



#25
Chloroform
Concen: 0.131 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013697.D
Acq: 20 Nov 2019 18:45

Tgt Ion: 83 Resp: 7689
Ion Ratio Lower Upper
83 100
85 69.3 44.4 82.5





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.05 min

Lab File: VV013697.D

Acq: 20 Nov 2019 18:45

Instrument :

MSVOA_V

ClientSampled :

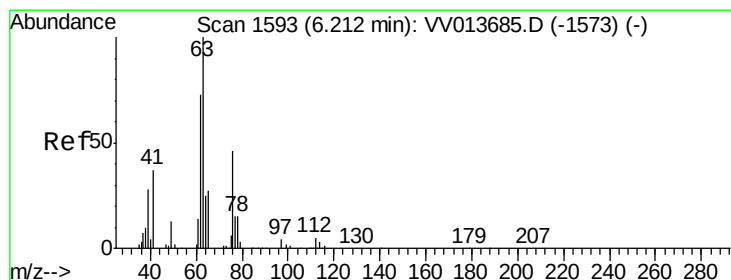
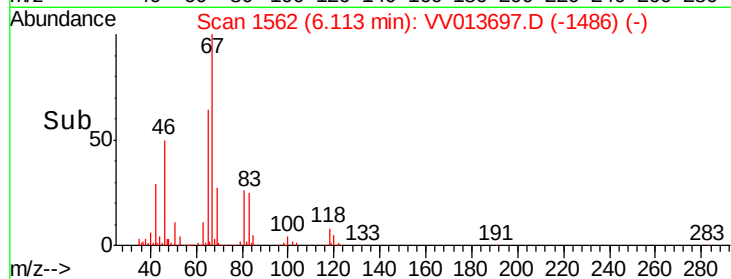
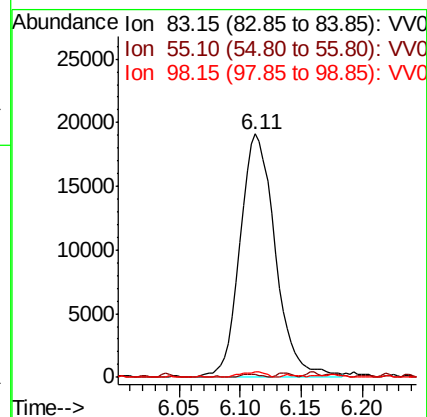
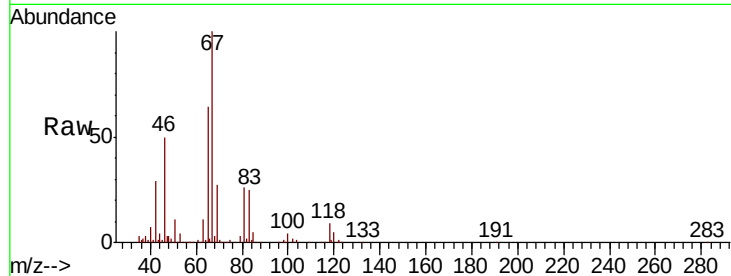
Tot Ion: 83 Resp: 38342

Ion Ratio Lower Upper

83 100

55 0.7 64.1 96.1#

98 1.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013697.D

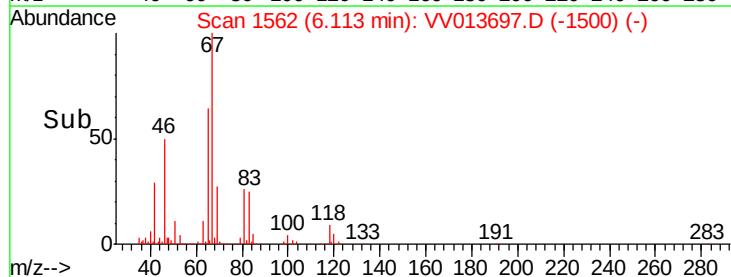
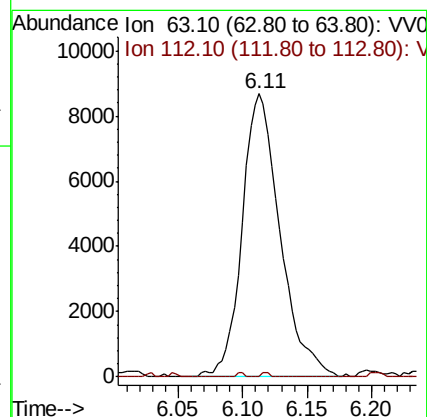
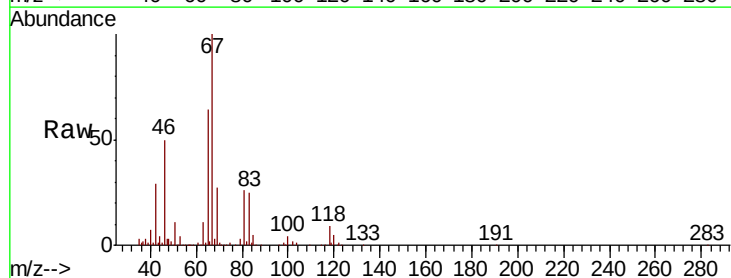
Acq: 20 Nov 2019 18:45

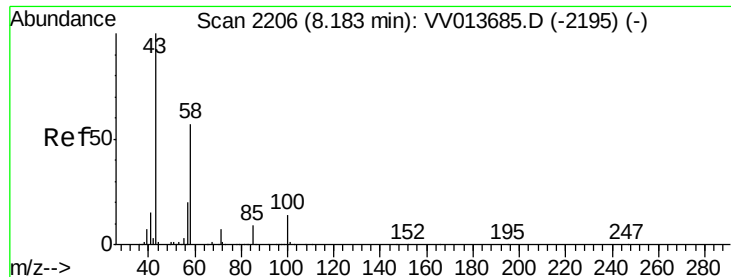
Tgt Ion: 63 Resp: 17747

Ion Ratio Lower Upper

63 100

112 0.3 4.1 6.1#





#48

2-Hexanone

Concen: 1.893 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013697.D

Acq: 20 Nov 2019 18:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 18588

Ion Ratio Lower Upper

43 100

58 45.4 43.0 64.6

57 23.6 15.4 23.2#

100 5.2 10.1 15.1#

