

Data File : VV011973.D
Acq On : 23 Jul 2019 19:08
Operator : SY/MD
Sample : K3960-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9B0

Quant Time: Jul 24 05:57:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142209	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35246	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.59	69	27895	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	57856	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.96	46	117556	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.40	84	91194	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	53489	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	188674	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	55109	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	172271	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	21173	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	101453	56.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39798	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68617	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

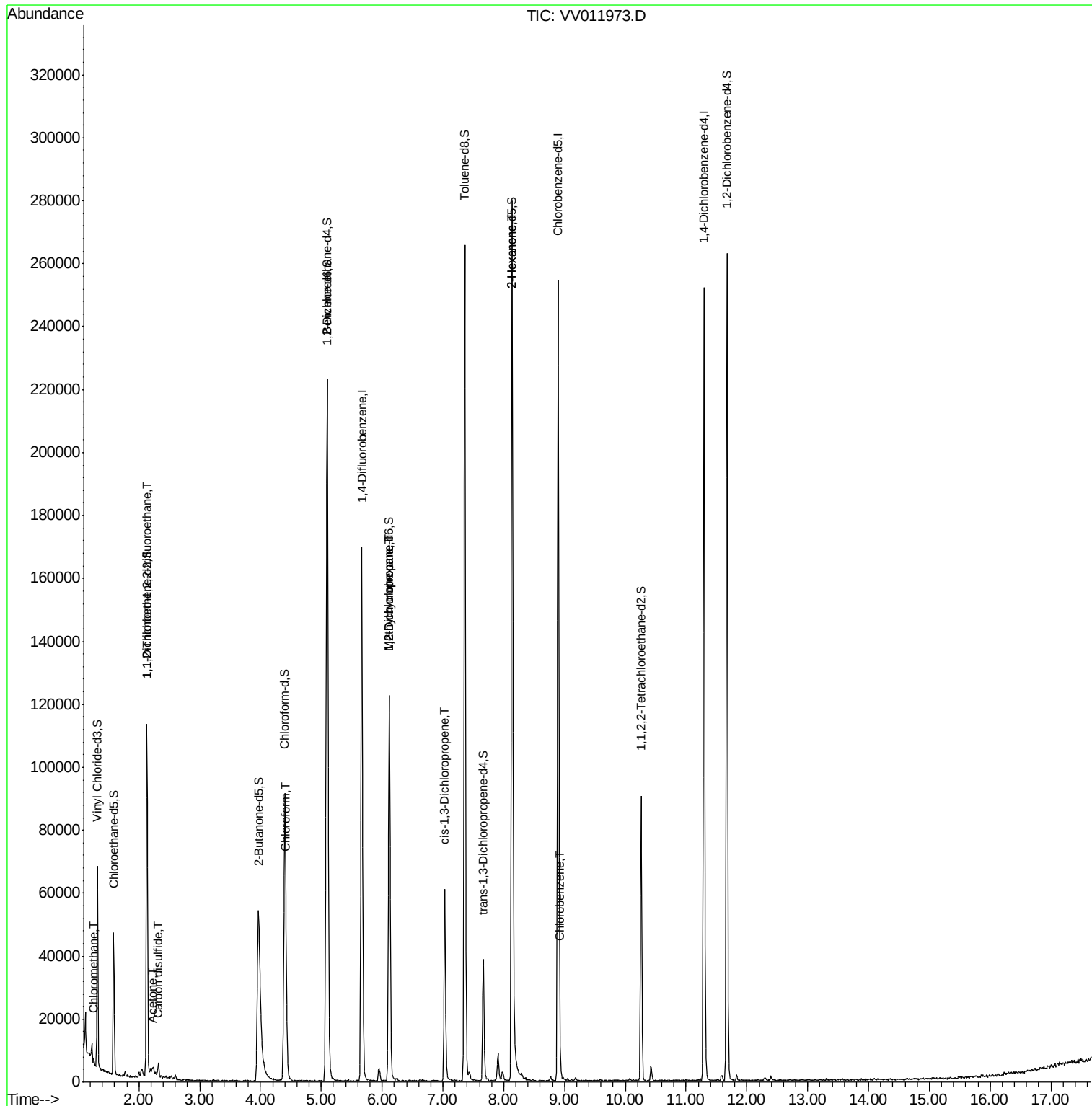
						Qvalue
3) Chloromethane	1.25	50	1350	0.158	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	592	0.082	ug/L #	15
13) Acetone	2.22	43	4765	4.092	ug/L	71
14) Carbon disulfide	2.32	76	3985	0.216	ug/L	100
25) Chloroform	4.43	83	6251	0.291	ug/L	91
35) Methylcyclohexane	6.12	83	14268	0.820	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6833	0.706	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1508	0.105	ug/L #	41
48) 2-Hexanone	8.14	43	12578	3.315	ug/L #	73
51) Chlorobenzene	8.93	112	2808	0.099	ug/L	98

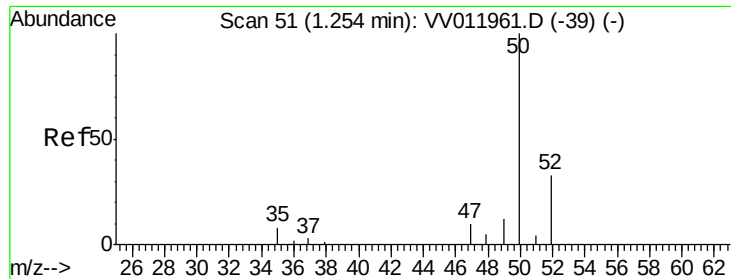
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

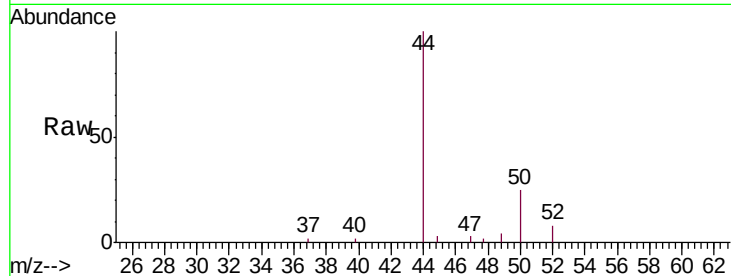
DB9B0

Tgt Ion: 50 Resp: 1350

Ion Ratio Lower Upper

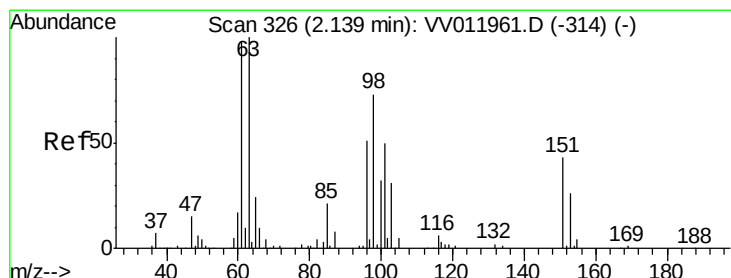
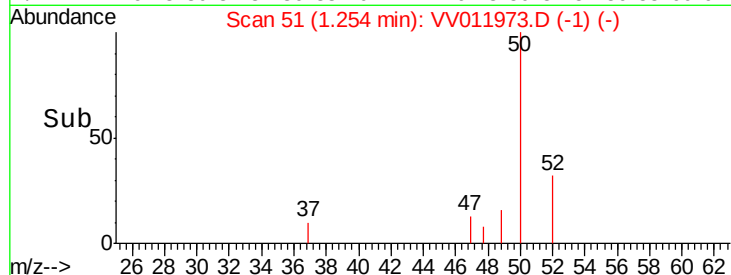
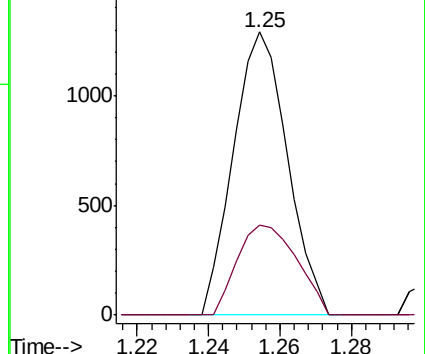
50 100

52 32.0 21.6 40.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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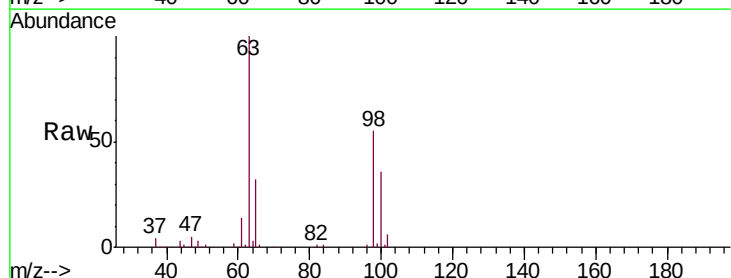
Tgt Ion: 101 Resp: 592

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

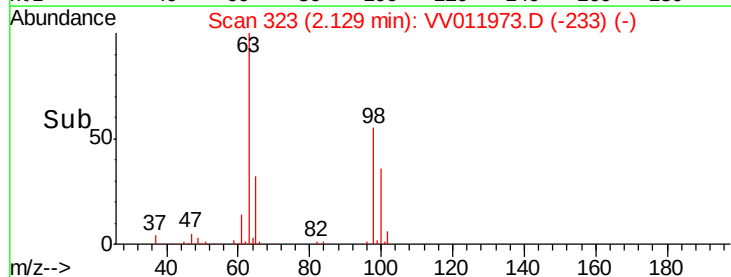
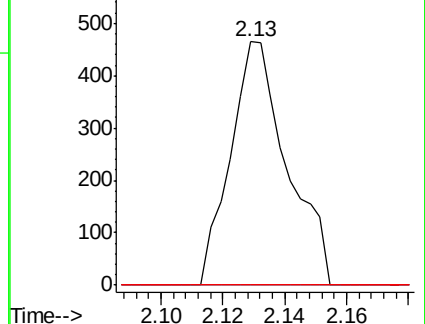
151 0.0 68.3 102.5#

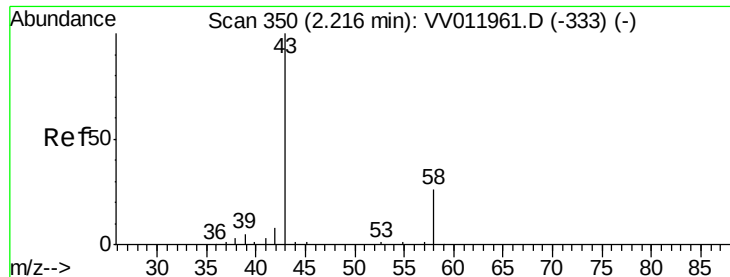


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 4.092 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

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ClientSampleId :

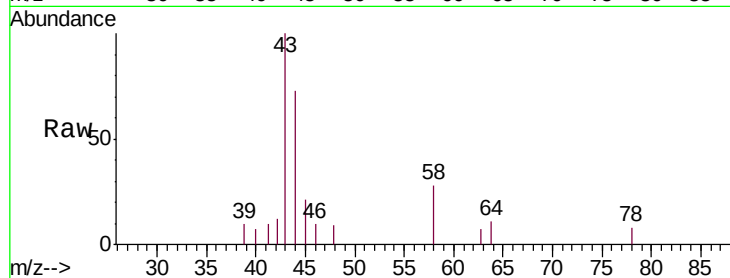
DB9B0

Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

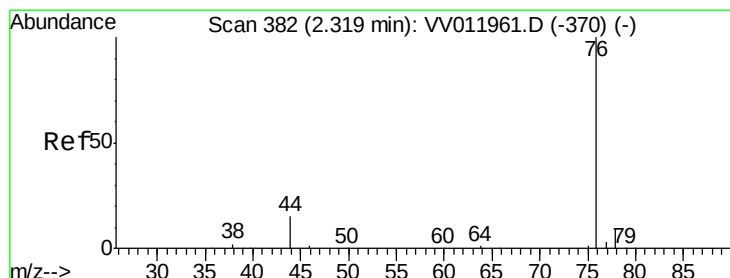
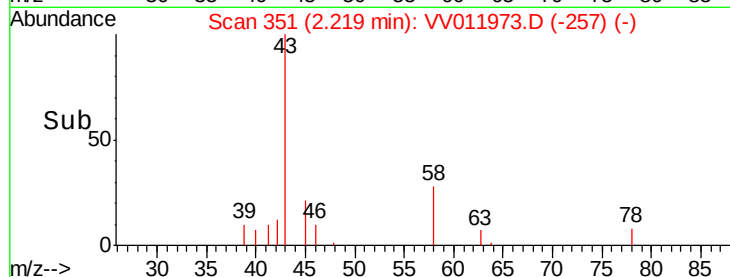
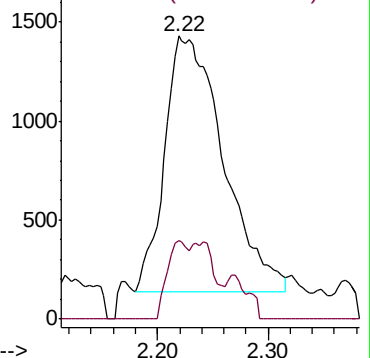
43 100

58 11.0 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011961.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV011961.D (-333) (-)



#14

Carbon disulfide

Concen: 0.216 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV011973.D

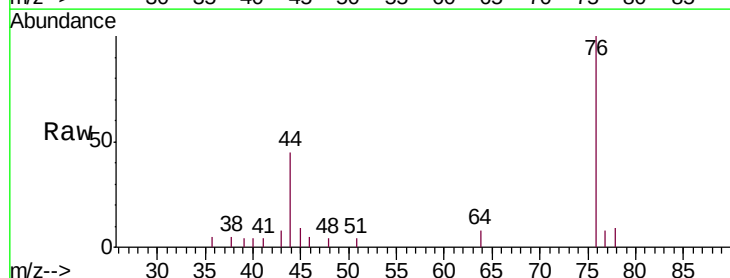
Acq: 23 Jul 2019 19:08

Tgt Ion: 76 Resp: 3985

Ion Ratio Lower Upper

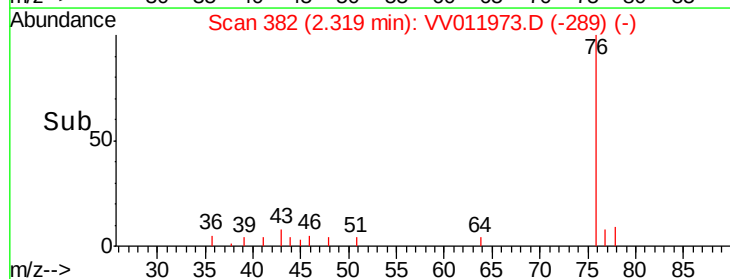
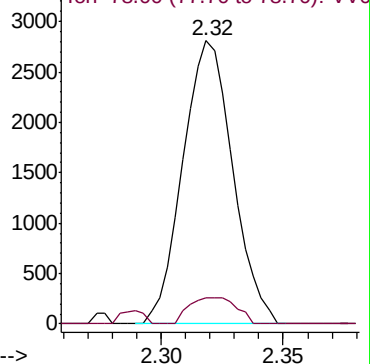
76 100

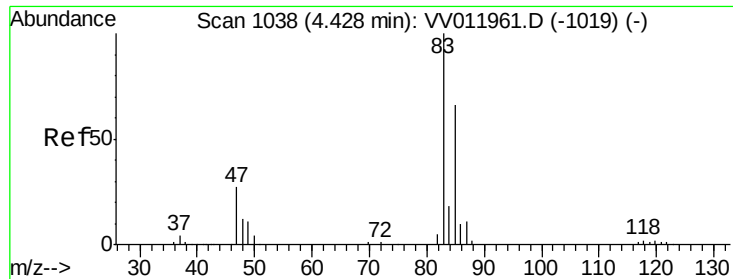
78 9.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011961.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV011961.D (-370) (-)

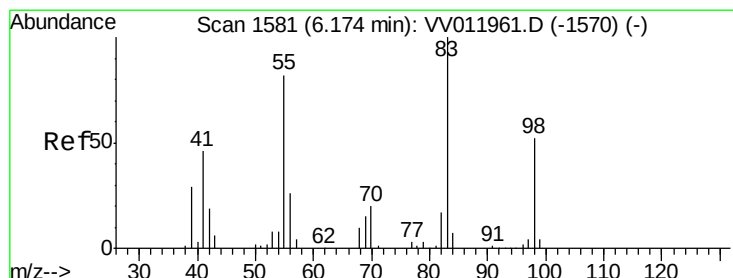
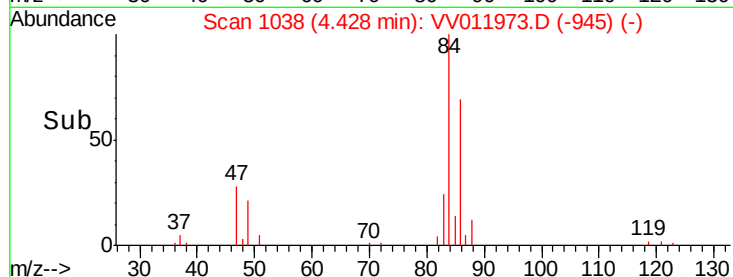
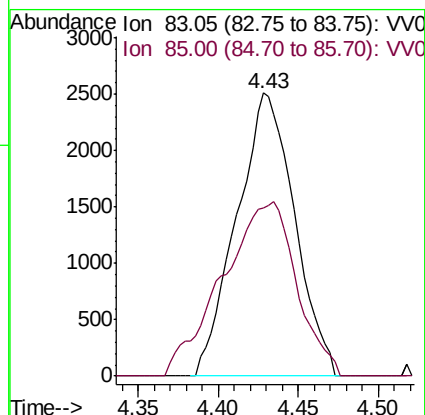
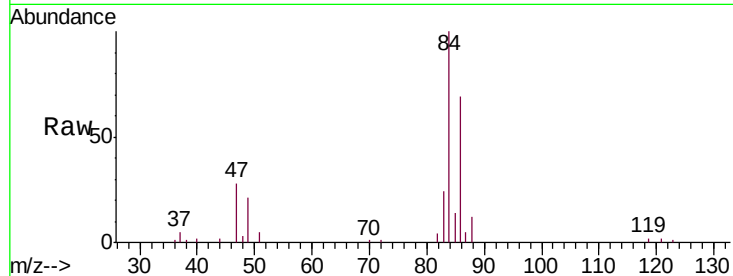




#25
Chloroform
Concen: 0.291 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011973.D
Acq: 23 Jul 2019 19:08

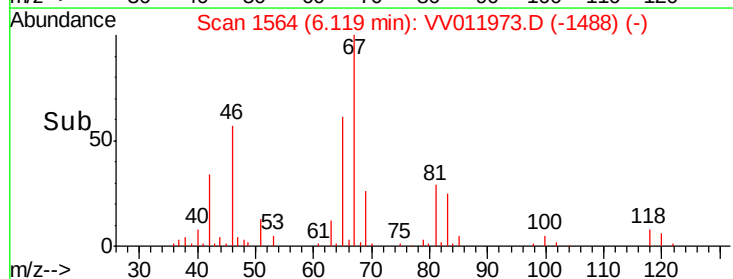
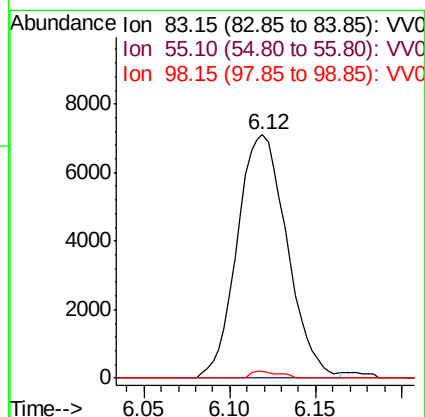
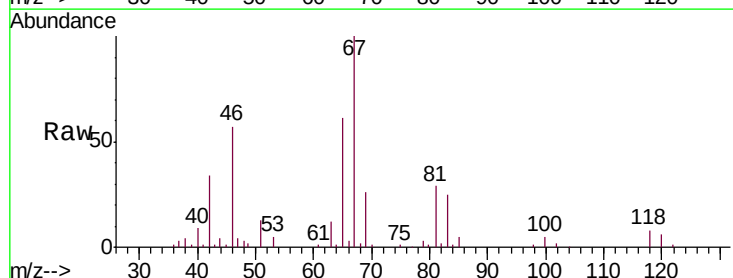
Instrument :
MSVOA_V
ClientSampled :
DB9B0

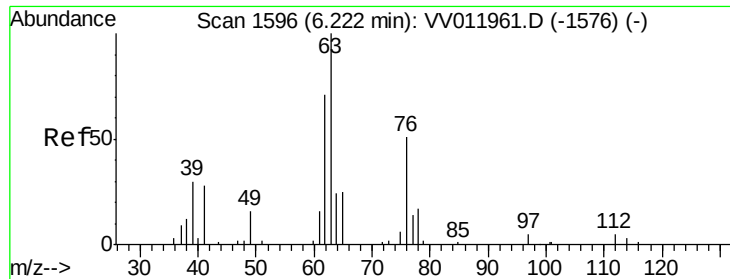
Tgt Ion: 83 Resp: 6251
Ion Ratio Lower Upper
83 100
85 59.2 46.5 86.3



#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011973.D
Acq: 23 Jul 2019 19:08

Tgt Ion: 83 Resp: 14268
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 1.6 41.4 62.0#

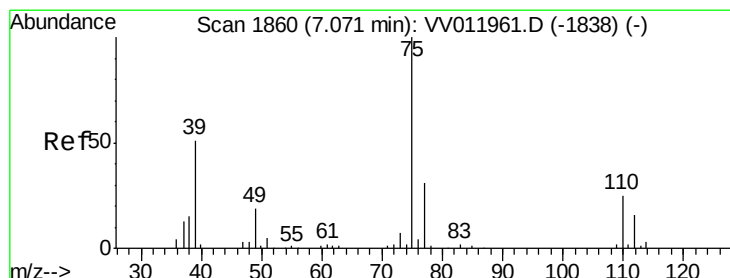
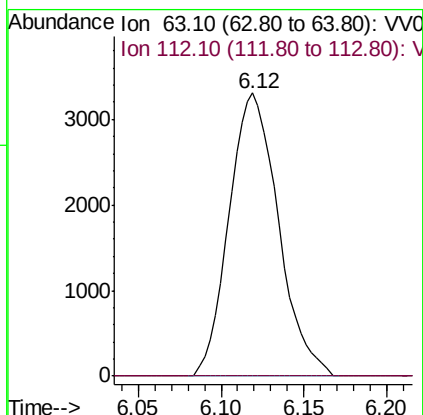
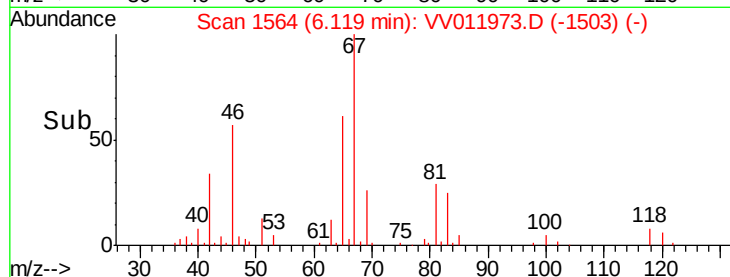
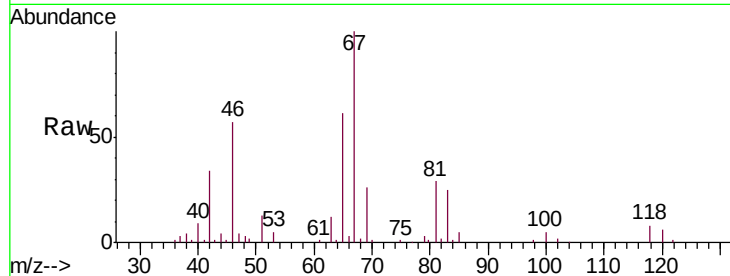




#37
 1,2-Dichloropropane
 Concen: 0.706 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011973.D
 Acq: 23 Jul 2019 19:08

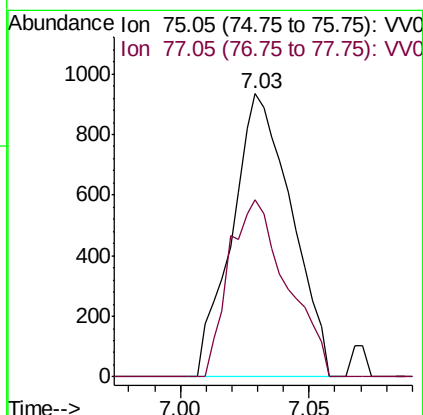
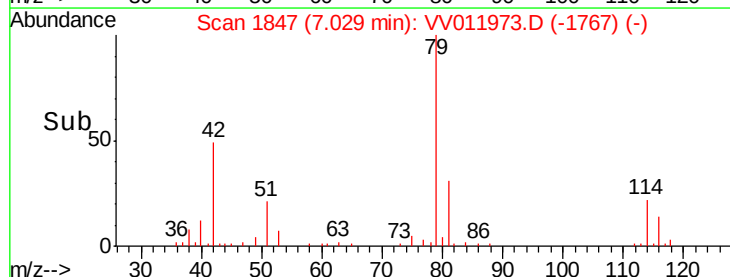
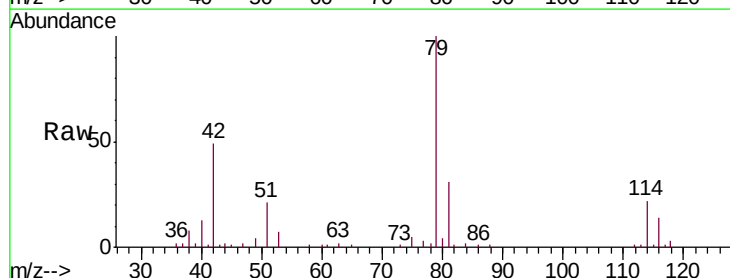
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9B0

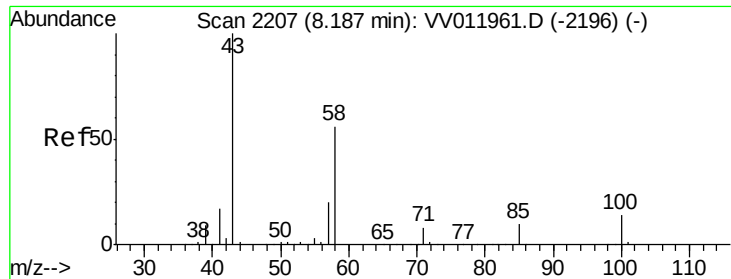
Tgt Ion: 63 Resp: 6833
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011973.D
 Acq: 23 Jul 2019 19:08

Tgt Ion: 75 Resp: 1508
 Ion Ratio Lower Upper
 75 100
 77 62.6 21.3 39.6#

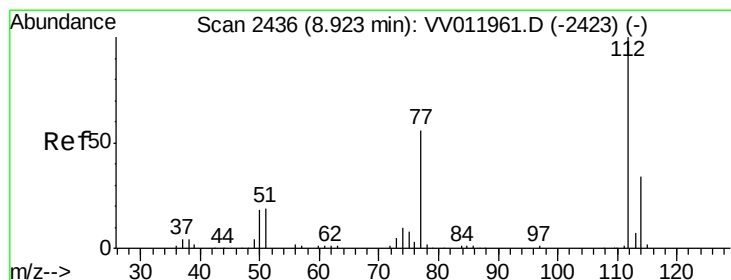
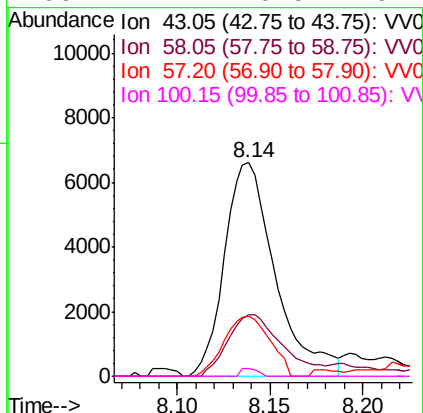
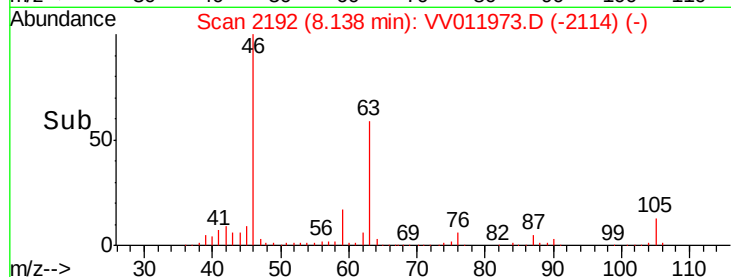
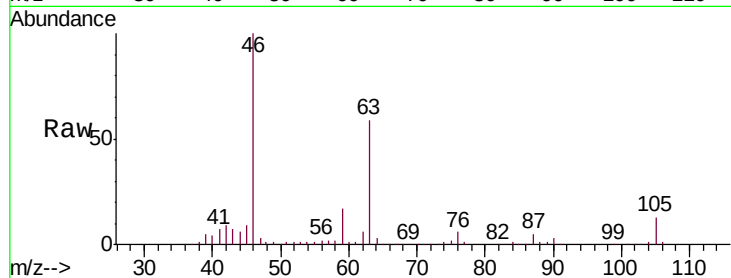




#48
2-Hexanone
Concen: 3.315 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011973.D
Acq: 23 Jul 2019 19:08

Instrument :
MSVOA_V
ClientSampleId :
DB9B0

Tgt Ion: 43 Resp: 12578
Ion Ratio Lower Upper
43 100
58 31.1 43.7 65.5#
57 25.1 16.0 24.0#
100 1.1 10.5 15.7#



#51
Chlorobenzene
Concen: 0.099 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.01 min
Lab File: VV011973.D
Acq: 23 Jul 2019 19:08

Tgt Ion: 112 Resp: 2808
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.8
77 56.7 46.4 69.6

