

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008634.D
 Acq On : 17 Nov 2018 17:44
 Operator : SY/MD
 Sample : J5990-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO70

Quant Time: Nov 19 03:02:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:55:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	125732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27734	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.59	69	22346	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.14	63	41022	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.96	46	102848	51.47	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	4.41	84	73286	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	38969	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	146896	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	47357	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	132928	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	14806	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	77603	47.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32214	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	45735	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

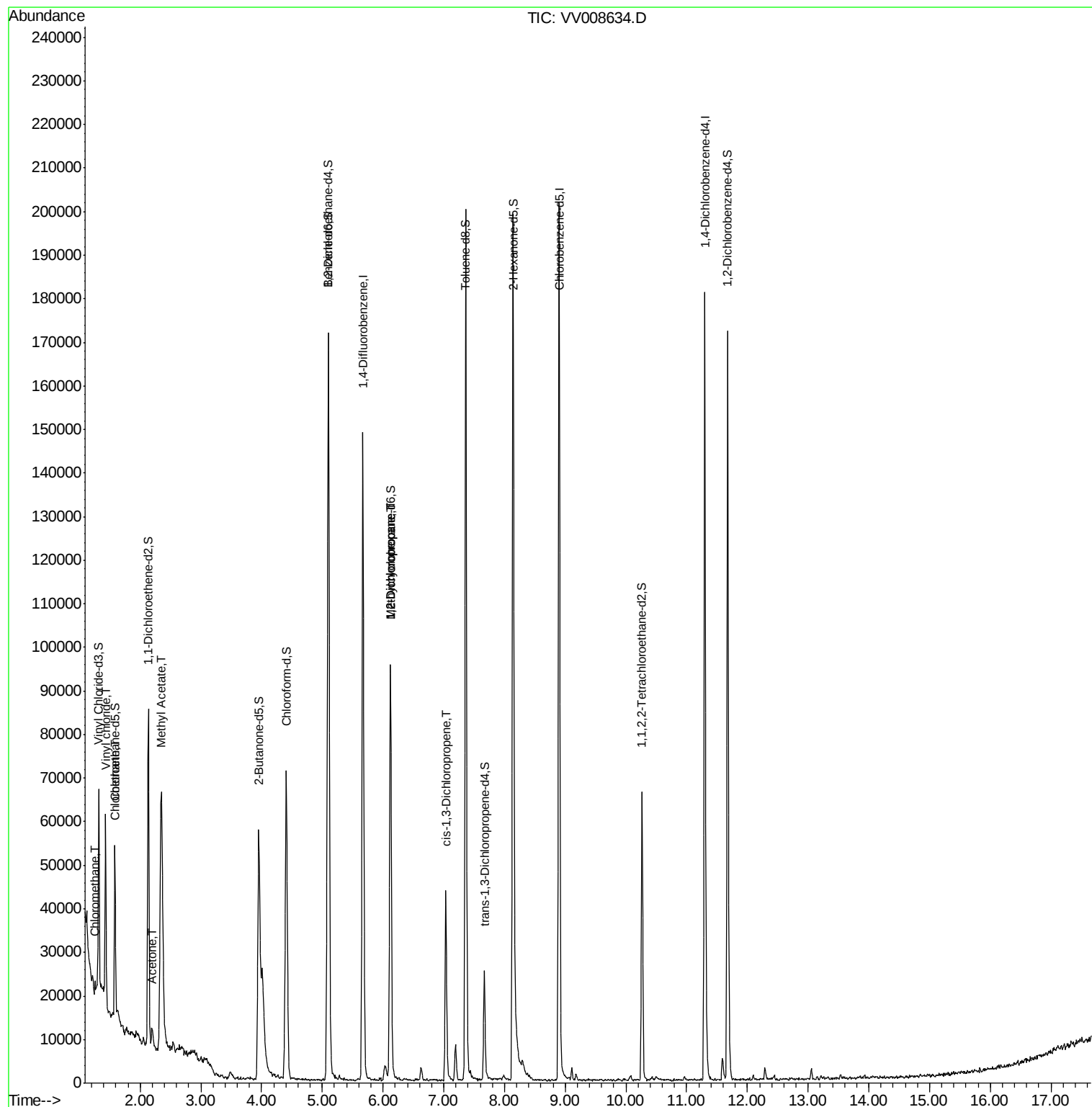
					Ovalue
3) Chloromethane	1.25	50	1492	0.172 ug/L	96
5) Vinyl chloride	1.43	62	741	0.093 ug/L #	1
8) Chloroethane	1.60	64	803	0.172 ug/L #	50
13) Acetone	2.21	43	4287	4.113 ug/L	83
15) Methyl Acetate	2.35	43	25693	9.853 ug/L #	54
35) Methylcyclohexane	6.12	83	11102	0.690 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	5196	0.550 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	981	0.077 ug/L #	71

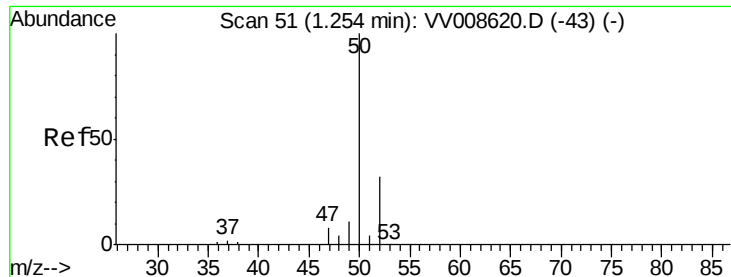
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.172 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008634.D

Acq: 17 Nov 2018 17:44

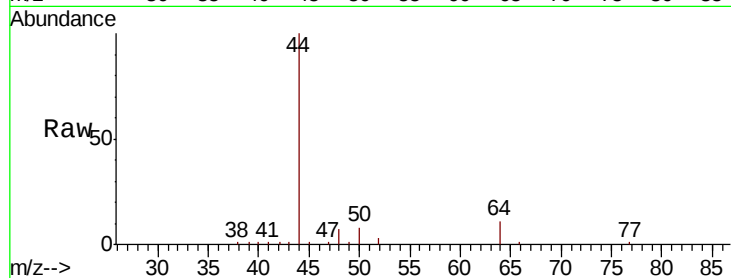
Instrument :
MSVOA_V
ClientSampled :
ETO70

Tot Ion: 50 Resp: 1492

Ion Ratio Lower Upper

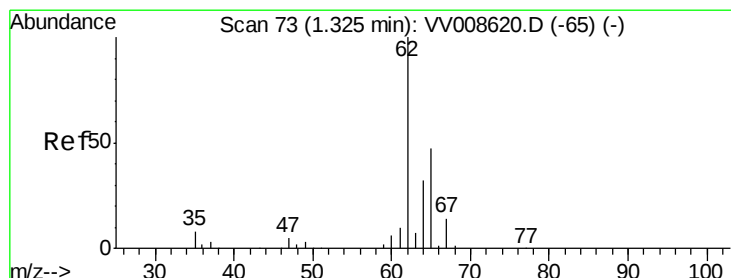
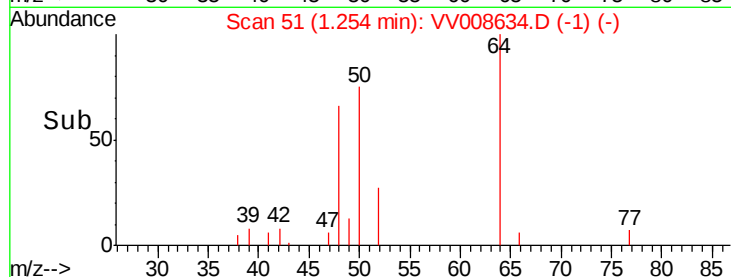
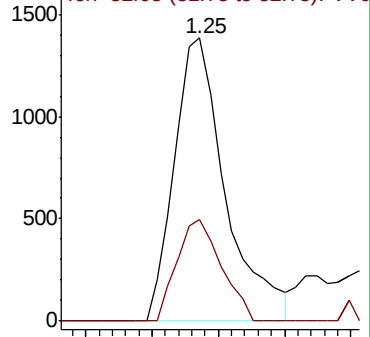
50 100

52 35.8 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.093 ug/L

RT: 1.43 min Scan# 106

Delta R.T. 0.11 min

Lab File: VV008634.D

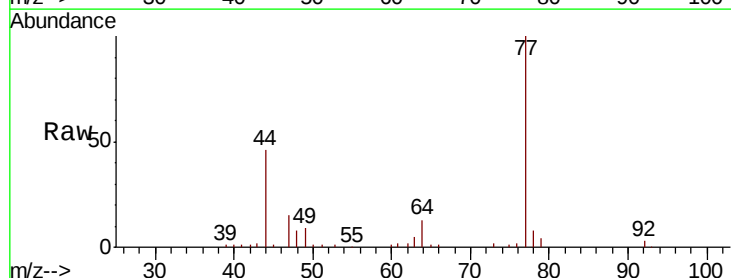
Acq: 17 Nov 2018 17:44

Tgt Ion: 62 Resp: 741

Ion Ratio Lower Upper

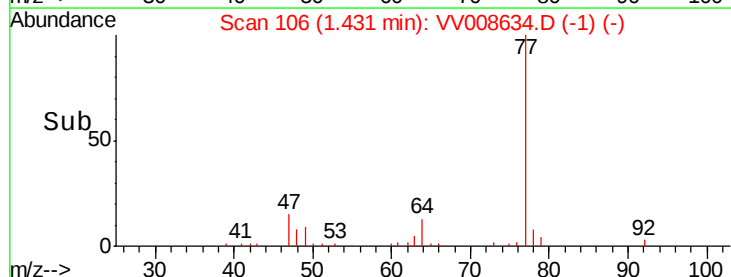
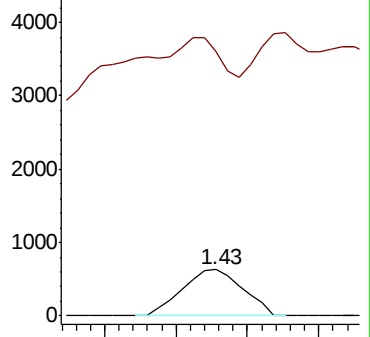
62 100

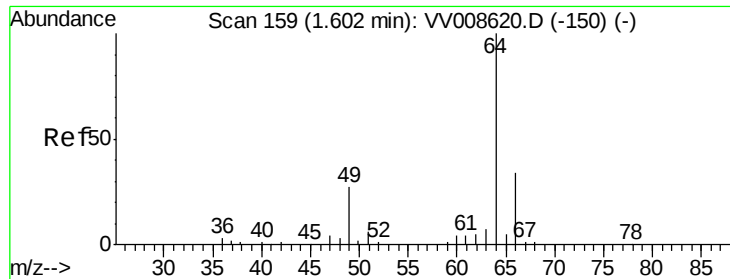
64 571.1 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

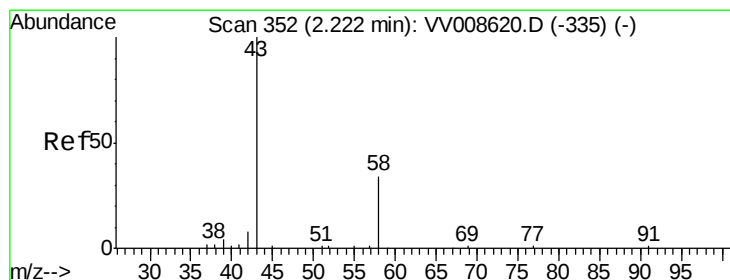
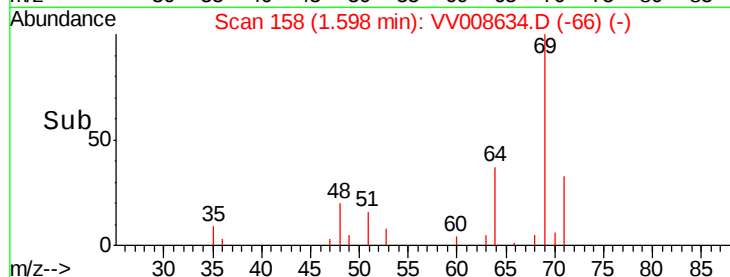
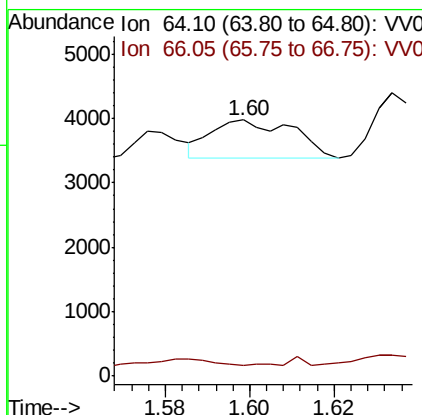
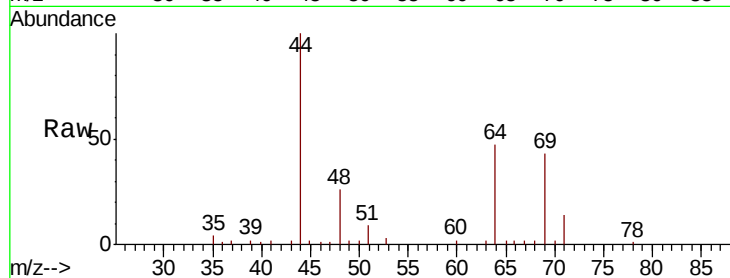




#8
 Chloroethane
 Concen: 0.172 ug/L
 RT: 1.60 min Scan# 158
 Delta R.T. -0.00 min
 Lab File: VV008634.D
 Acq: 17 Nov 2018 17:44

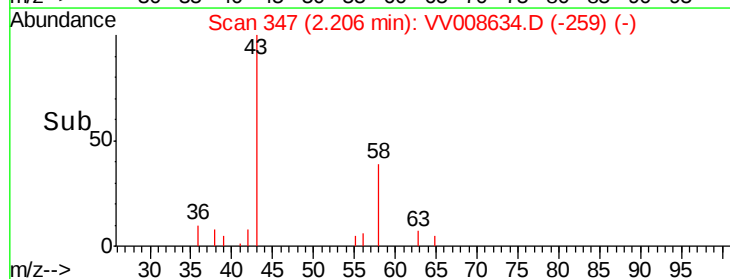
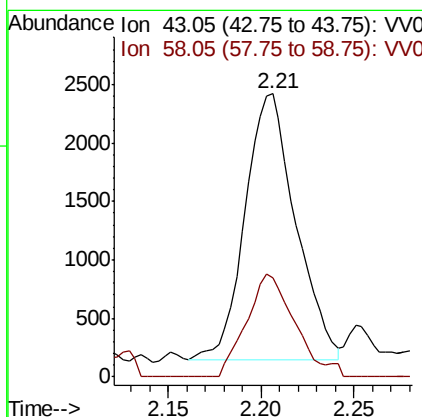
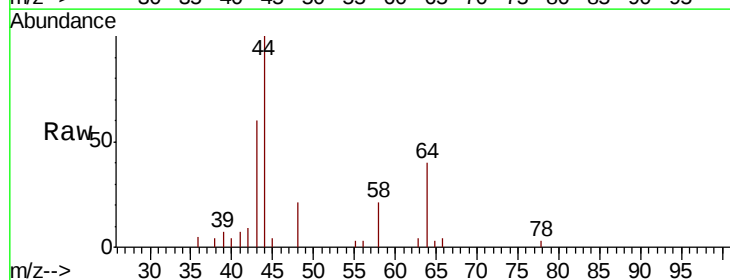
Instrument :
 MSVOA_V
 ClientSampleId :
 ETO70

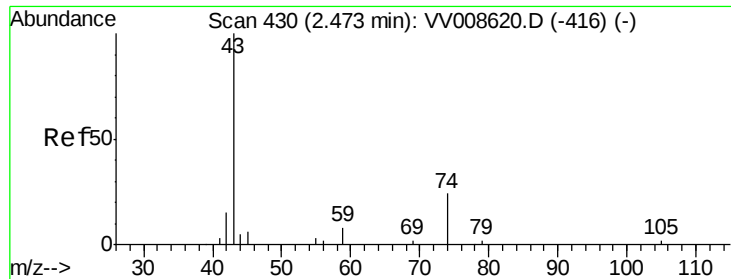
Tot Ion: 64 Resp: 803
 Ion Ratio Lower Upper
 64 100
 66 4.3 22.7 42.3#



#13
 Acetone
 Concen: 4.113 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VV008634.D
 Acq: 17 Nov 2018 17:44

Tgt Ion: 43 Resp: 4287
 Ion Ratio Lower Upper
 43 100
 58 37.0 0.0 56.4

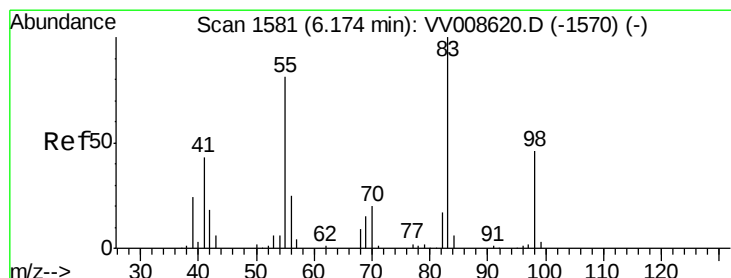
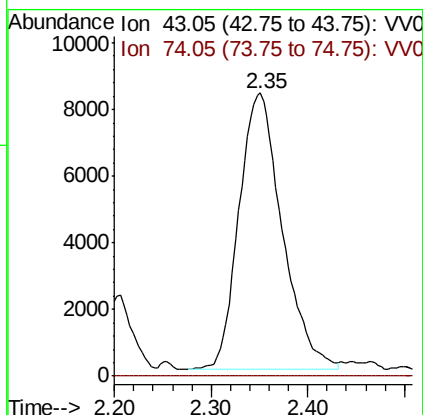
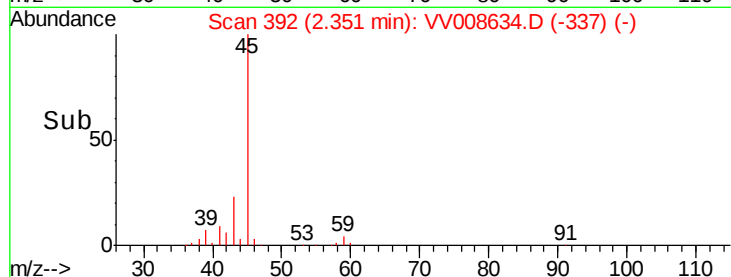
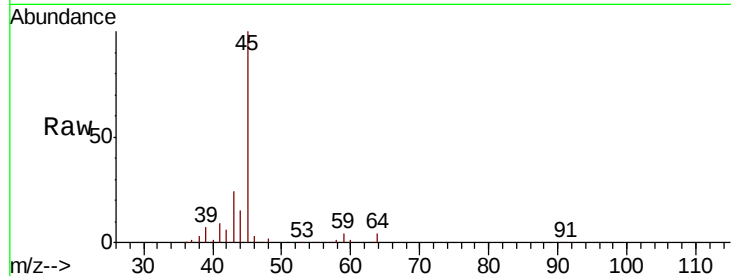




#15
Methyl Acetate
Concen: 9.853 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.12 min
Lab File: VV008634.D
Acq: 17 Nov 2018 17:44

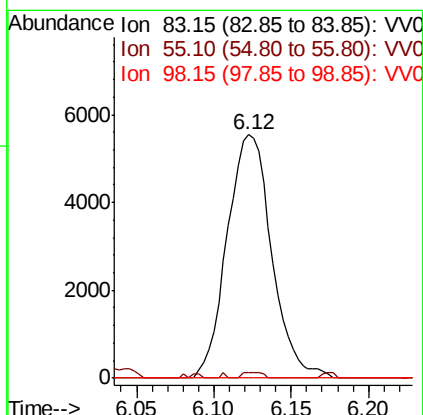
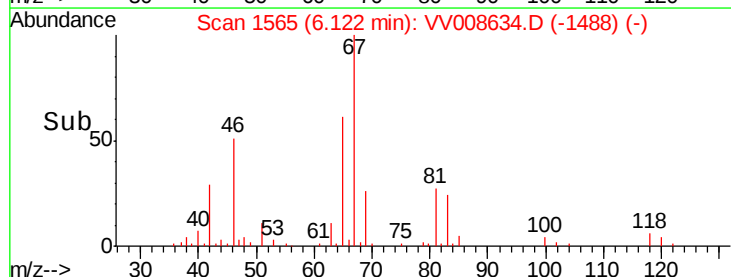
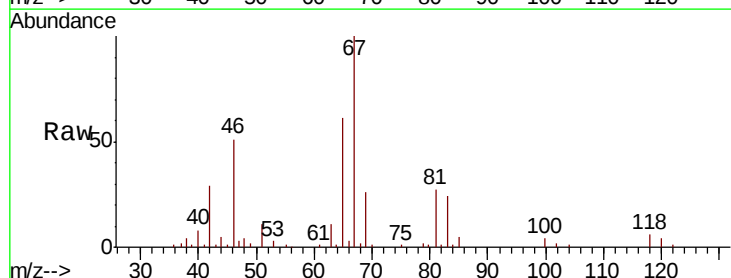
Instrument :
MSVOA_V
ClientSampleId :
ETO70

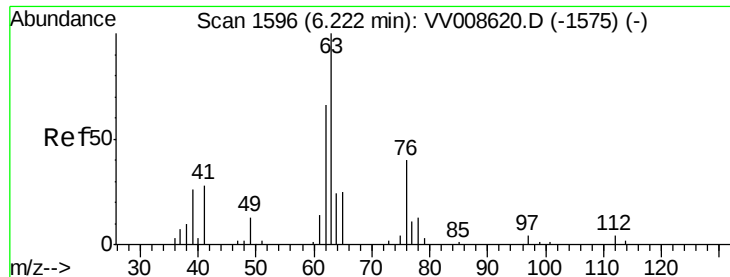
Tot Ion: 43 Resp: 25693
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008634.D
Acq: 17 Nov 2018 17:44

Tgt Ion: 83 Resp: 11102
Ion Ratio Lower Upper
83 100
55 1.1 65.6 98.4#
98 0.0 36.4 54.6#

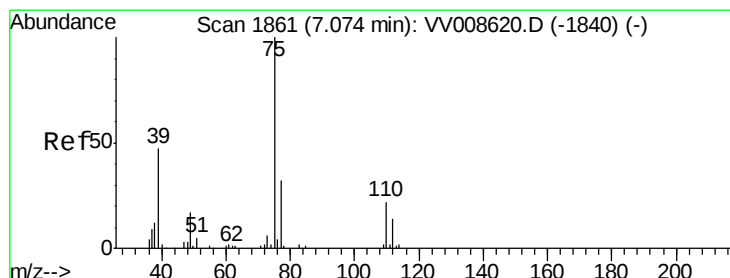
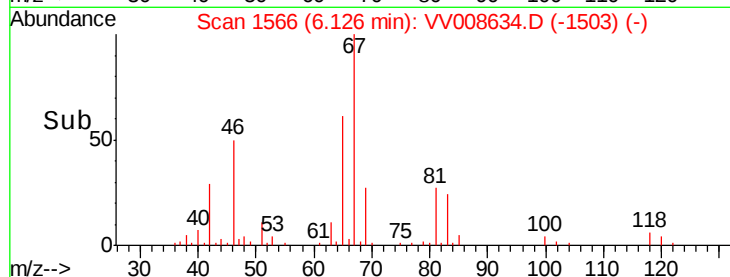
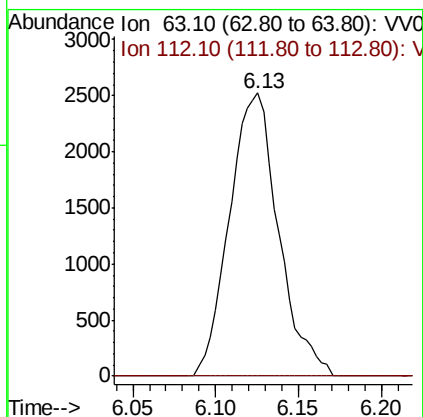
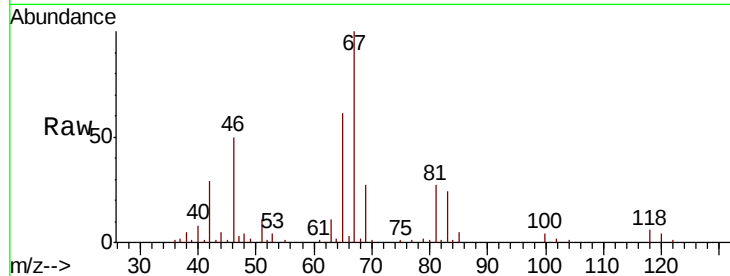




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008634.D
 Acq: 17 Nov 2018 17:44

Instrument :
 MSVOA_V
 ClientSampled :
 ETO70

Tot Ion: 63 Resp: 5196
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008634.D
 Acq: 17 Nov 2018 17:44

Tgt Ion: 75 Resp: 981
 Ion Ratio Lower Upper
 75 100
 77 49.4 23.0 42.8#

