

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008633.D
 Acq On : 17 Nov 2018 17:19
 Operator : SY/MD
 Sample : J5990-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO72

Quant Time: Nov 19 03:02:14 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	129936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27486	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.59	69	22366	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.14	63	41298	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	105464	51.07	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.41	84	71424	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	38827	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	146726	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	46156	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	133262	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	15777	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	76841	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31746	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	44752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

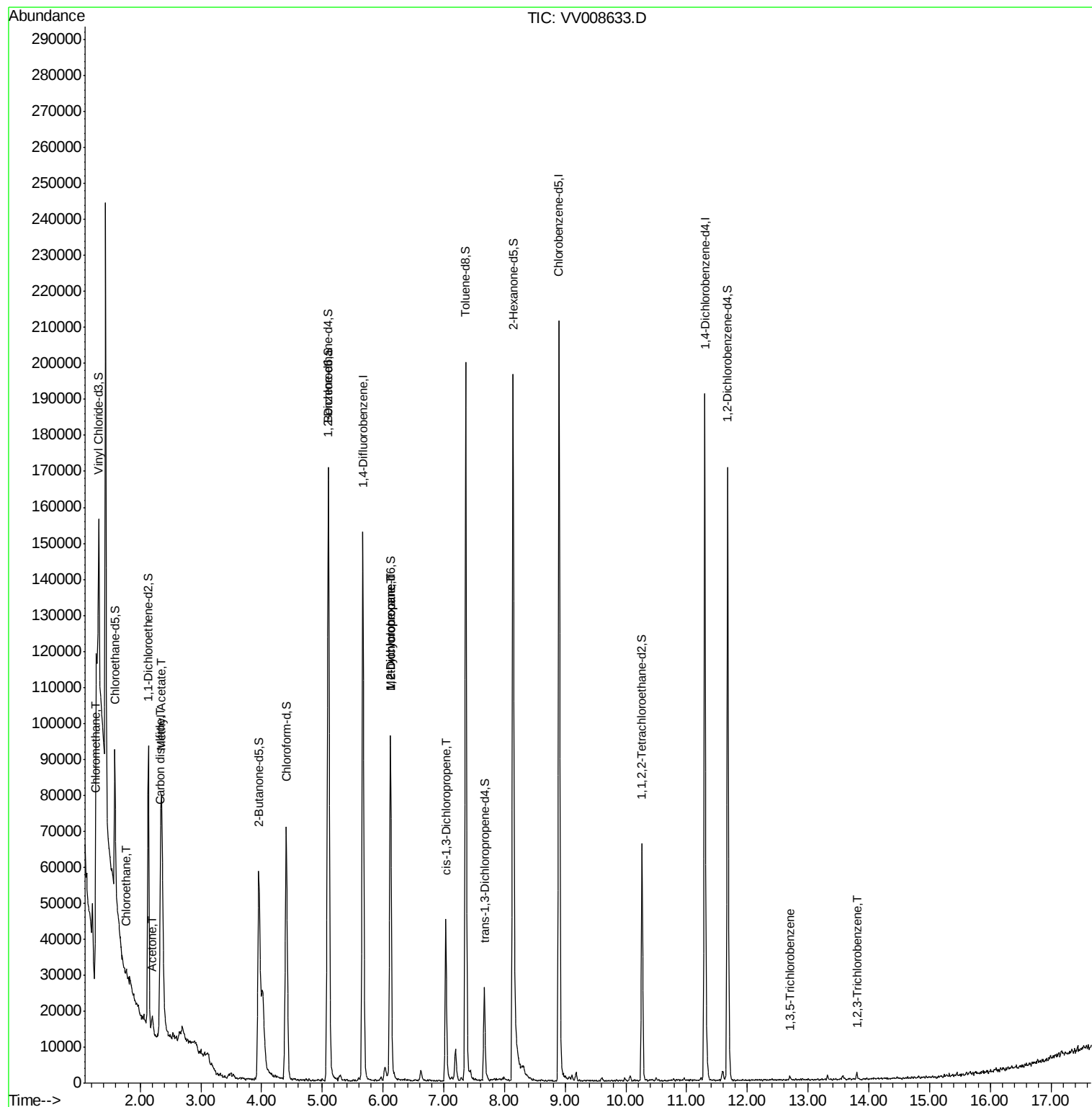
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	801	0.089	ug/L	95
8) Chloroethane	1.78	64	2352	0.489	ug/L #	52
13) Acetone	2.20	43	4525	4.201	ug/L	93
14) Carbon disulfide	2.33	76	1549	0.082	ug/L #	55
15) Methyl Acetate	2.35	43	28138	10.442	ug/L #	54
35) Methylcyclohexane	6.12	83	11007	0.666	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	5460	0.563	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1146	0.088	ug/L	84
67) 1,3,5-Trichlorobenzene	12.70	180	487	0.040	ug/L #	71
70) 1,2,3-Trichlorobenzene	13.81	180	697	0.077	ug/L #	84

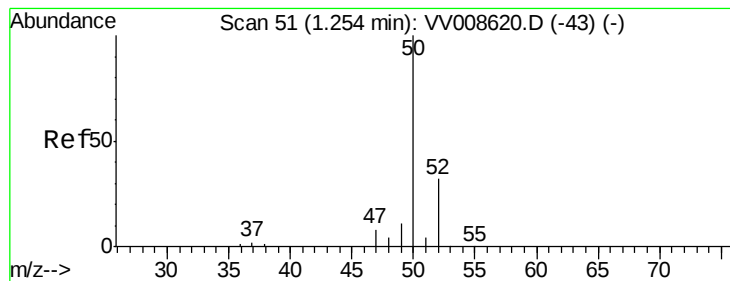
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008633.D

Acq: 17 Nov 2018 17:19

Instrument :

MSVOA_V

ClientSampled :

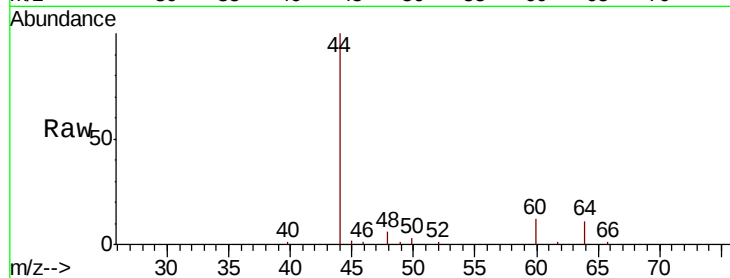
ETO72

Tot Ion: 50 Resp: 801

Ion Ratio Lower Upper

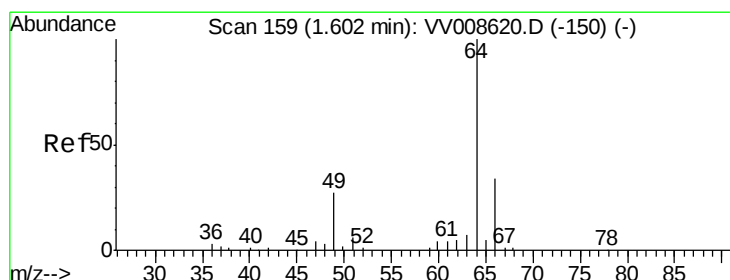
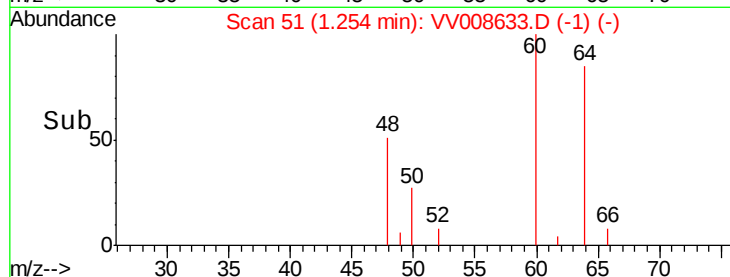
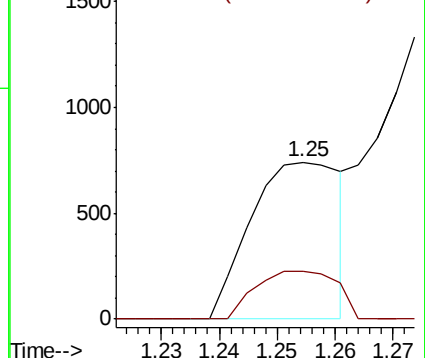
50 100

52 30.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.489 ug/L

RT: 1.78 min Scan# 216

Delta R.T. 0.18 min

Lab File: VV008633.D

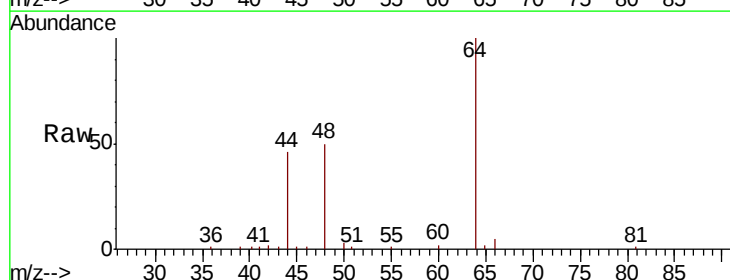
Acq: 17 Nov 2018 17:19

Tgt Ion: 64 Resp: 2352

Ion Ratio Lower Upper

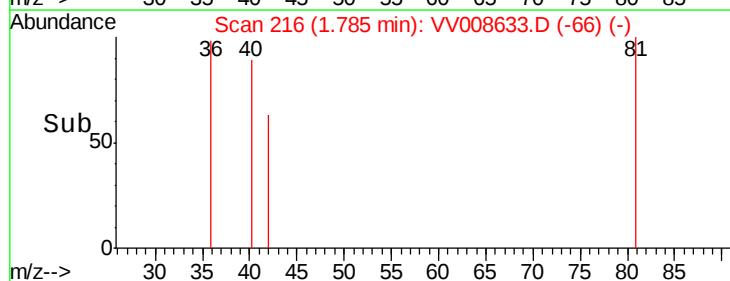
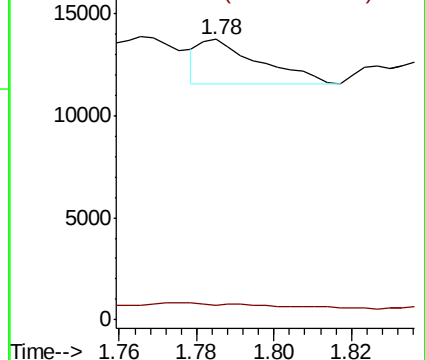
64 100

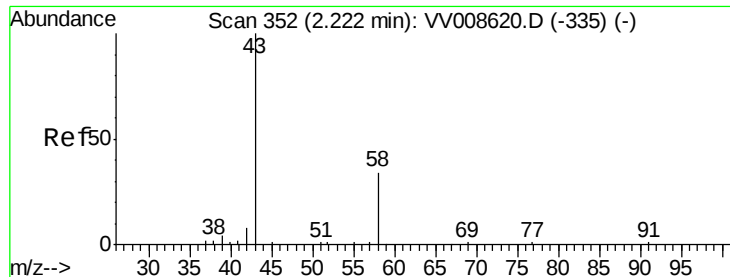
66 5.3 22.7 42.3#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 4.201 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV008633.D

Acq: 17 Nov 2018 17:19

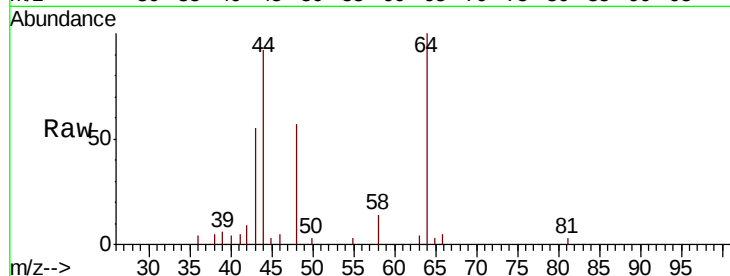
Instrument :
MSVOA_V
ClientSampleId :
ETO72

Tot Ion: 43 Resp: 4525

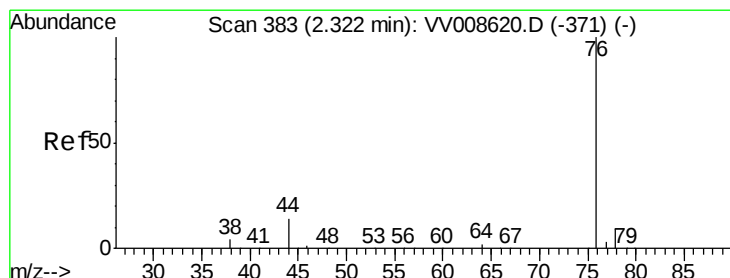
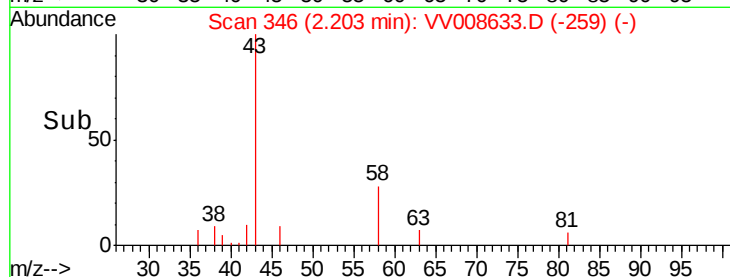
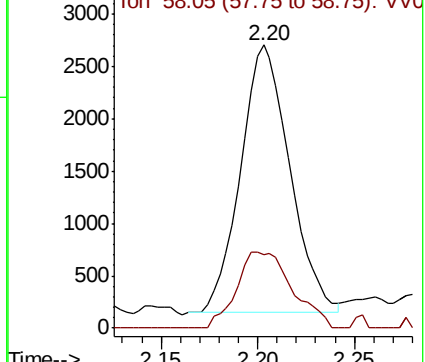
Ion Ratio Lower Upper

43 100

58 32.2 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008620.D (-335) (-)



#14

Carbon disulfide

Concen: 0.082 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.00 min

Lab File: VV008633.D

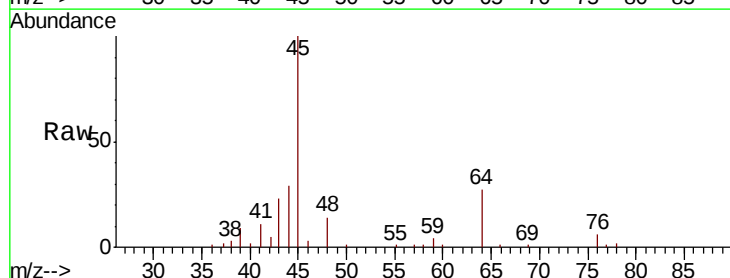
Acq: 17 Nov 2018 17:19

Tgt Ion: 76 Resp: 1549

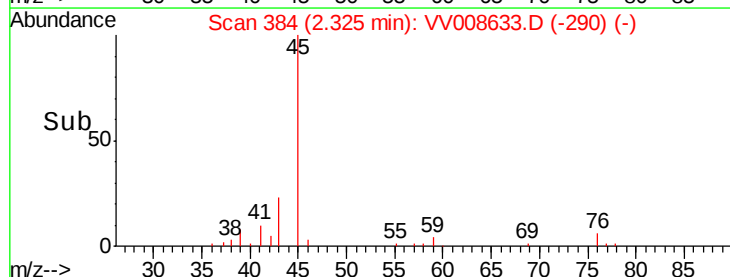
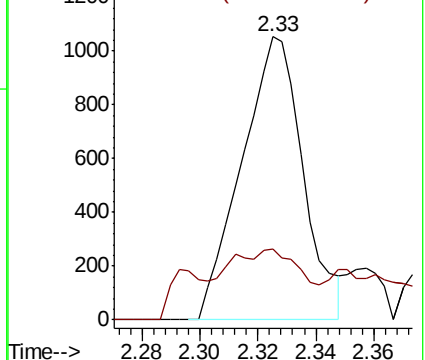
Ion Ratio Lower Upper

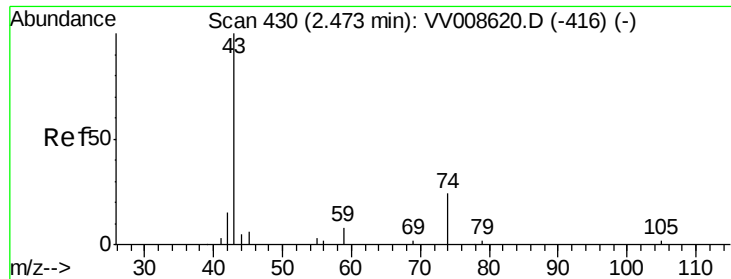
76 100

78 25.1 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VV008620.D (-371) (-)





#15

Methvl Acetate

Concen: 10.442 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.13 min

Lab File: VV008633.D

Acq: 17 Nov 2018 17:19

Instrument :

MSVOA_V

ClientSampleId :

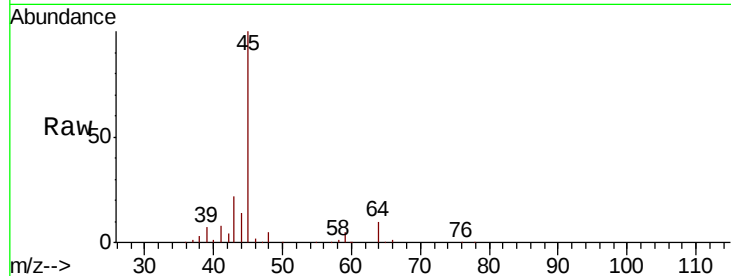
ETO72

Tot Ion: 43 Resp: 28138

Ion Ratio Lower Upper

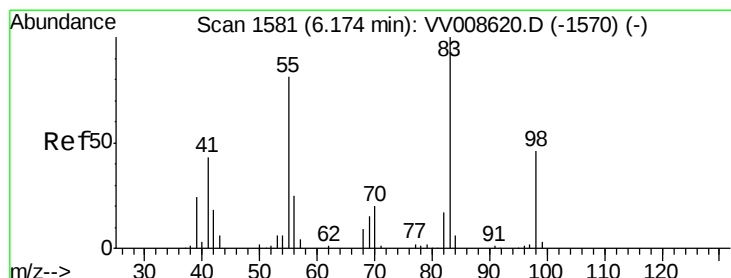
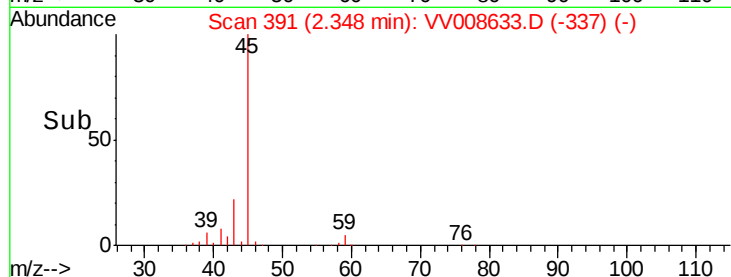
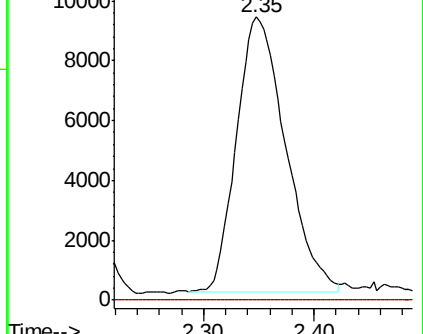
43 100

74 0.0 17.6 26.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008620.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV008620.D (-416) (-)



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008633.D

Acq: 17 Nov 2018 17:19

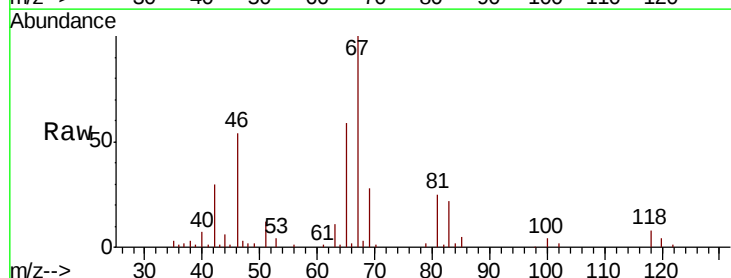
Tgt Ion: 83 Resp: 11007

Ion Ratio Lower Upper

83 100

55 0.2 65.6 98.4#

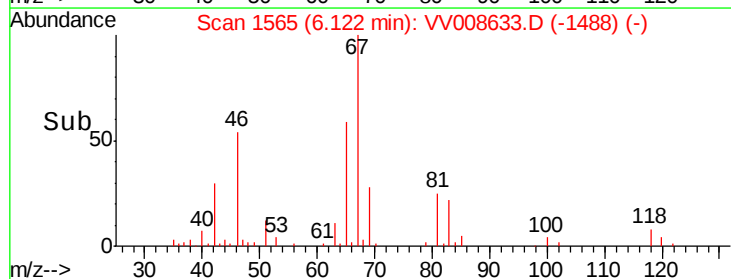
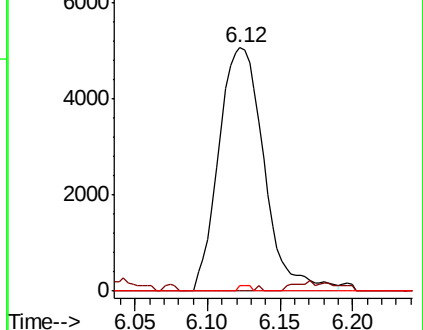
98 0.6 36.4 54.6#

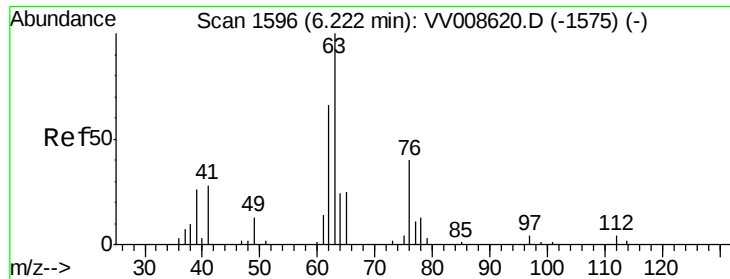


Abundance Ion 83.15 (82.85 to 83.85): VV008620.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV008620.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV008620.D (-1570) (-)

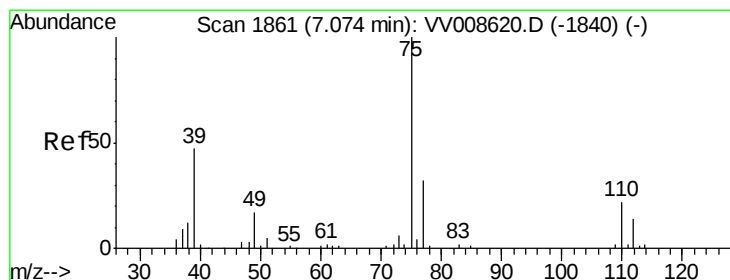
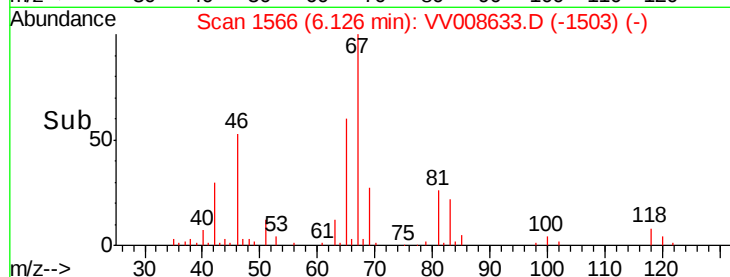
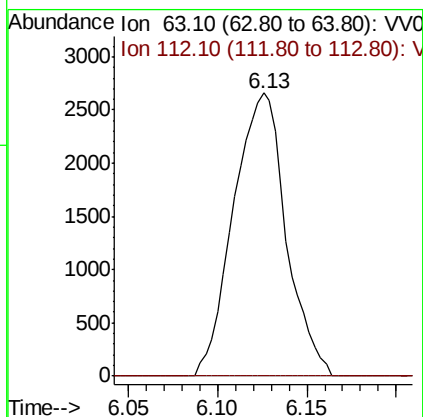
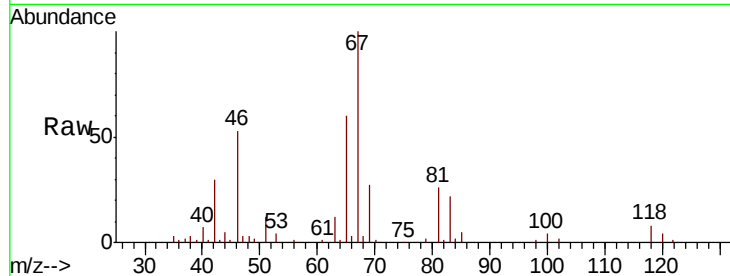




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008633.D
 Acq: 17 Nov 2018 17:19

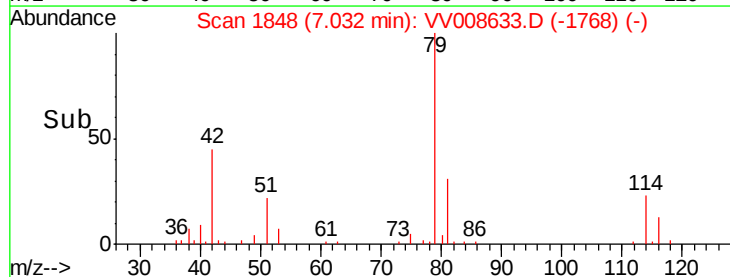
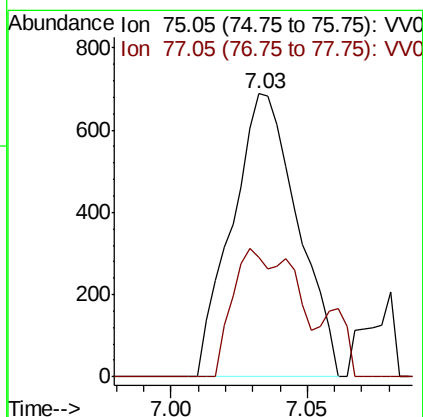
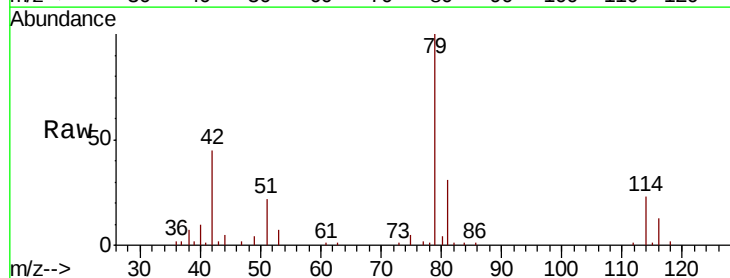
Instrument :
 MSVOA_V
 ClientSampled :
 ETO72

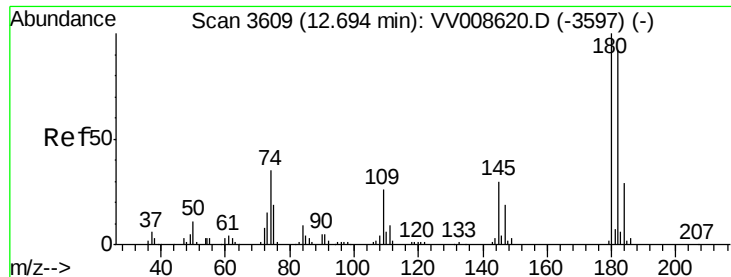
Tot Ion: 63 Resp: 5460
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008633.D
 Acq: 17 Nov 2018 17:19

Tgt Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 77 42.0 23.0 42.8

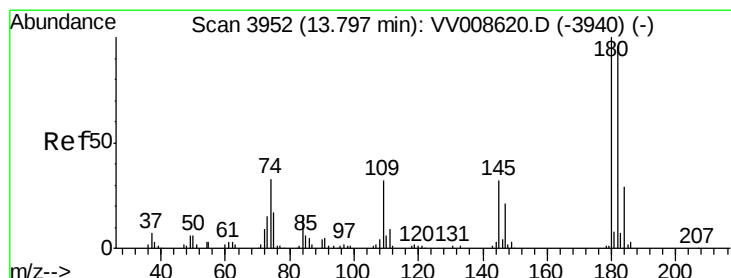
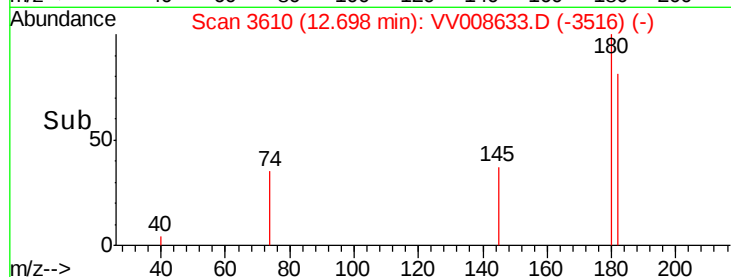
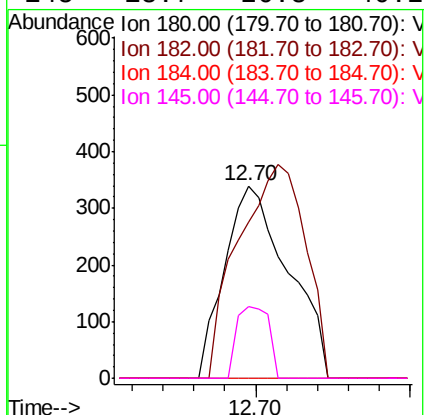
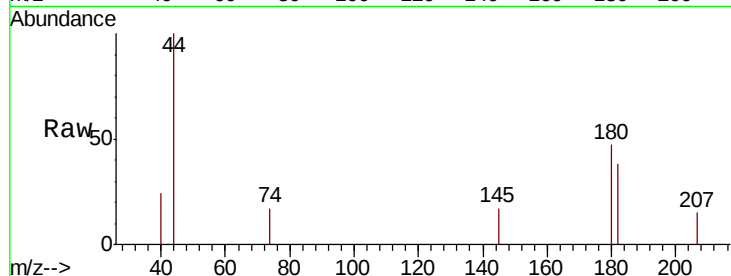




#67
 1,3,5-Trichlorobenzene
 Concen: 0.040 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV008633.D
 Acq: 17 Nov 2018 17:19

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO72

Tot Ion:180 Resp: 487
 Ion Ratio Lower Upper
 180 100
 182 116.6 75.9 113.9#
 184 0.0 23.9 35.9#
 145 18.7 26.8 40.2#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.077 ug/L
 RT: 13.81 min Scan# 3955
 Delta R.T. 0.01 min
 Lab File: VV008633.D
 Acq: 17 Nov 2018 17:19

Tgt Ion:180 Resp: 697
 Ion Ratio Lower Upper
 180 100
 182 80.5 76.0 114.0
 145 24.1 28.2 42.2#

