

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008636.D
 Acq On : 17 Nov 2018 18:34
 Operator : SY/MD
 Sample : J5990-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO75

Quant Time: Nov 19 03:02:36 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	124431	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25085	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	22490	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	35952	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	104732	52.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	4.41	84	70953	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	39804	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	147969	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	46061	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	129629	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.67	79	14430	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	73467	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31950	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	45212	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

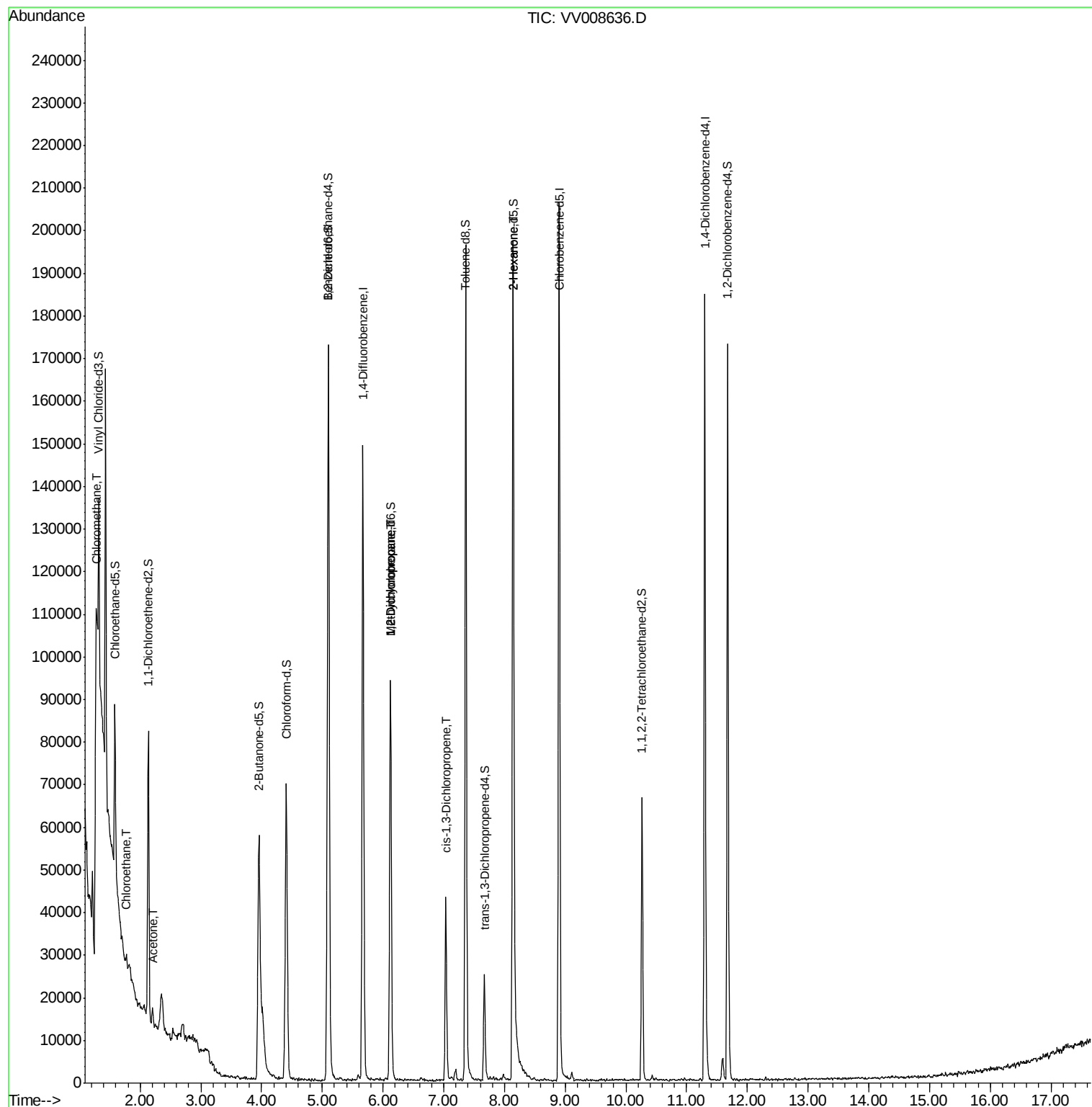
					Ovalue
3) Chloromethane	1.28	50	3237	0.378 ug/L #	41
8) Chloroethane	1.77	64	1490	0.323 ug/L #	53
13) Acetone	2.21	43	5660	5.488 ug/L	98
35) Methylcyclohexane	6.13	83	10911	0.687 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4942	0.530 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1125	0.090 ug/L #	34
48) 2-Hexanone	8.14	43	9953	2.702 ug/L #	72

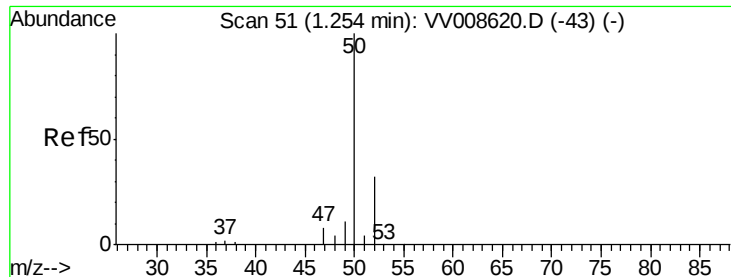
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.378 ug/L

RT: 1.28 min Scan# 58

Delta R.T. 0.02 min

Lab File: VV008636.D

Acq: 17 Nov 2018 18:34

Instrument :

MSVOA_V

ClientSampleId :

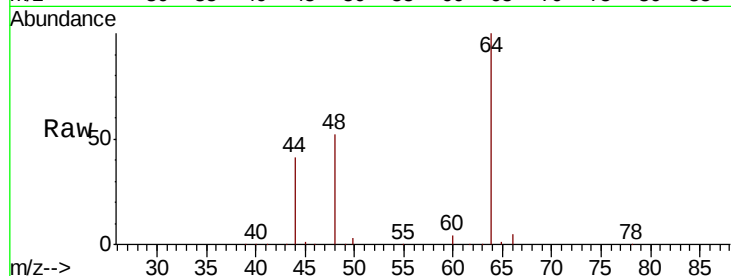
ETO75

Tot Ion: 50 Resp: 3237

Ion Ratio Lower Upper

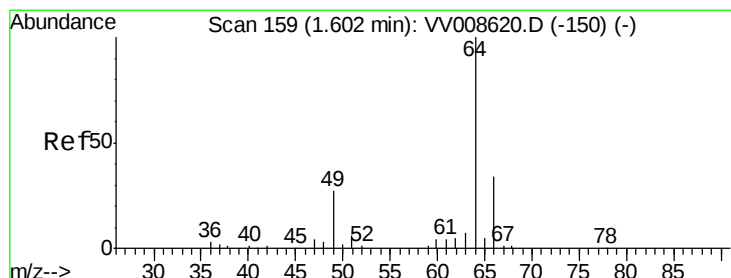
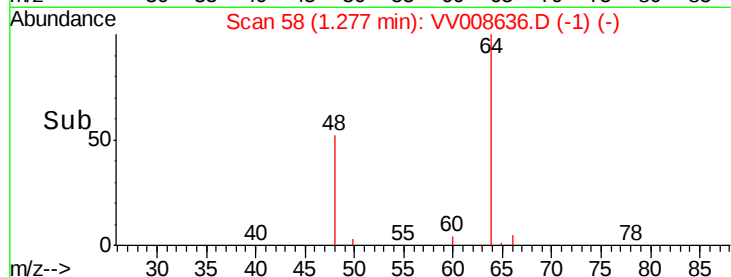
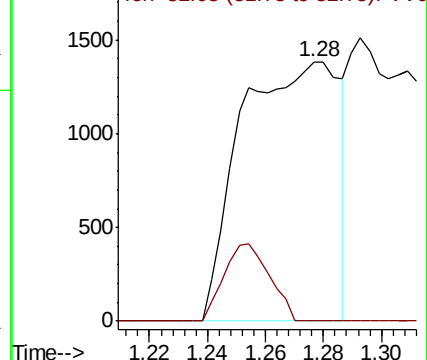
50 100

52 0.0 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: 0.323 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.17 min

Lab File: VV008636.D

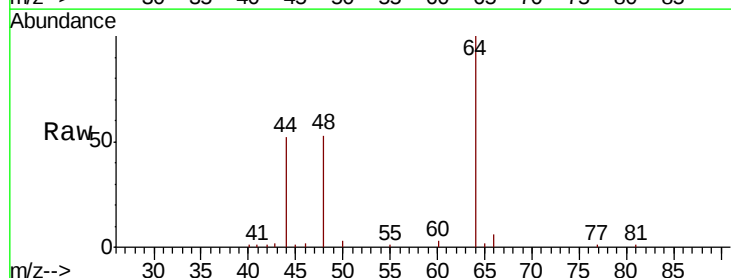
Acq: 17 Nov 2018 18:34

Tgt Ion: 64 Resp: 1490

Ion Ratio Lower Upper

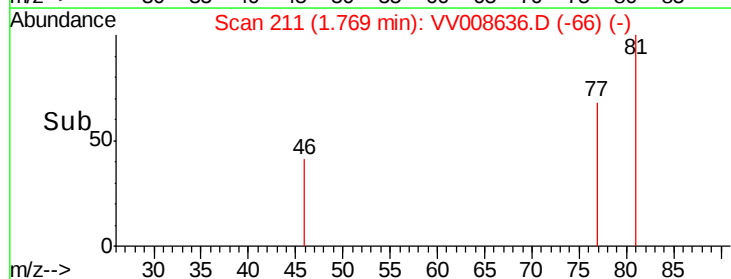
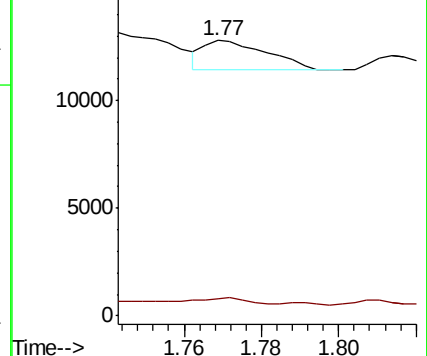
64 100

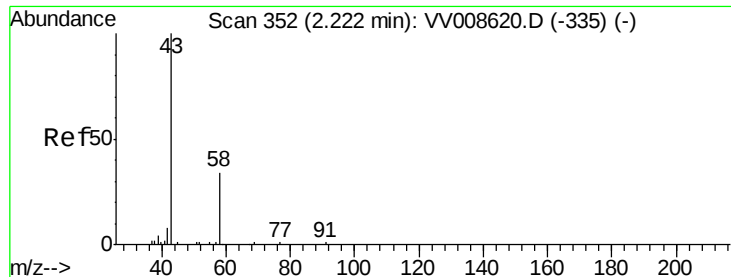
66 6.4 22.7 42.3#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 5.488 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008636.D

Acq: 17 Nov 2018 18:34

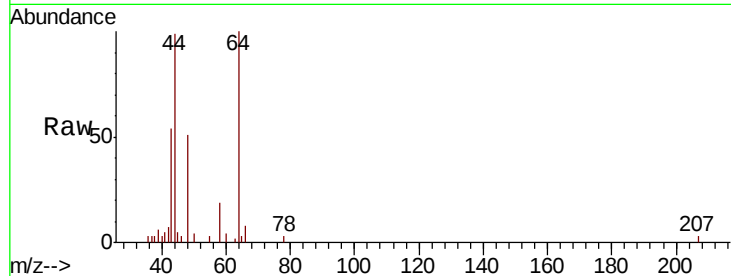
Instrument :
MSVOA_V
ClientSampled :
ETO75

Tot Ion: 43 Resp: 5660

Ion Ratio Lower Upper

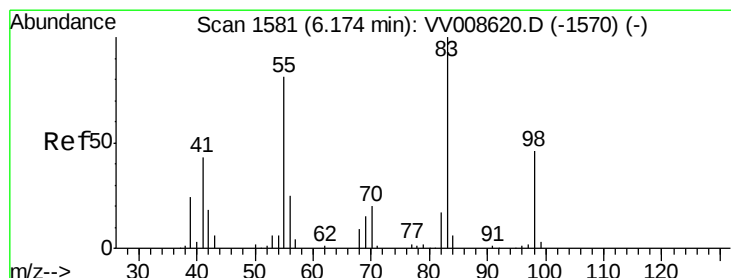
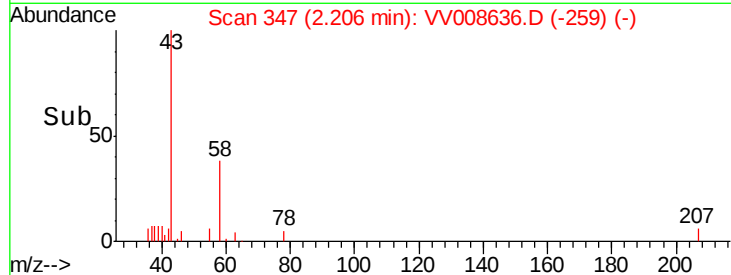
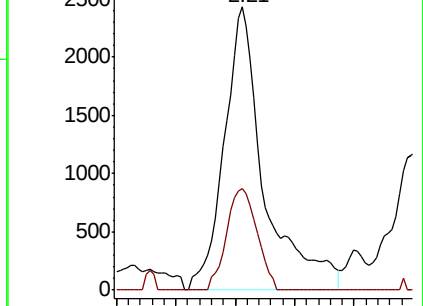
43 100

58 27.2 0.0 56.4



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

Ion 58.05 (57.75 to 58.75): VV008620.D (-335) (-)



#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008636.D

Acq: 17 Nov 2018 18:34

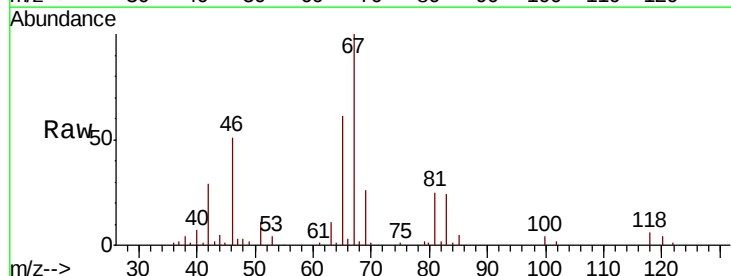
Tgt Ion: 83 Resp: 10911

Ion Ratio Lower Upper

83 100

55 0.4 65.6 98.4#

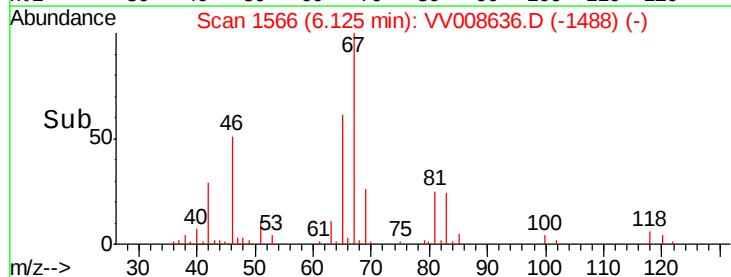
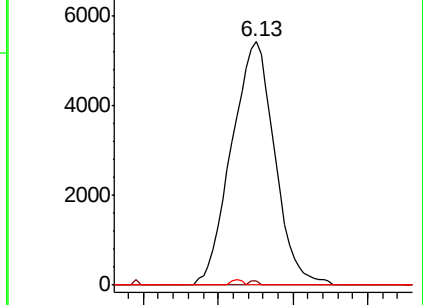
98 0.6 36.4 54.6#

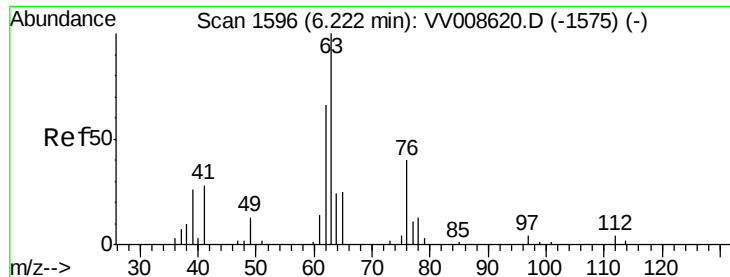


Abundance Ion 83.15 (82.85 to 83.85): VV008620.D (-1570) (-)

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

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

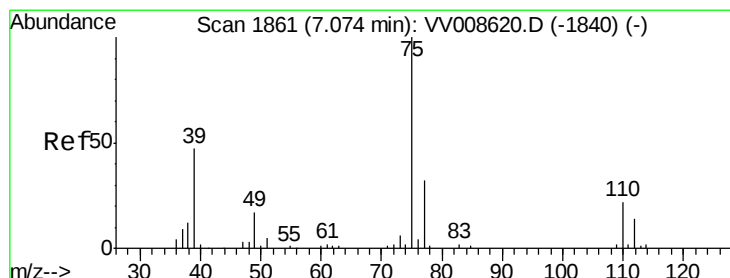
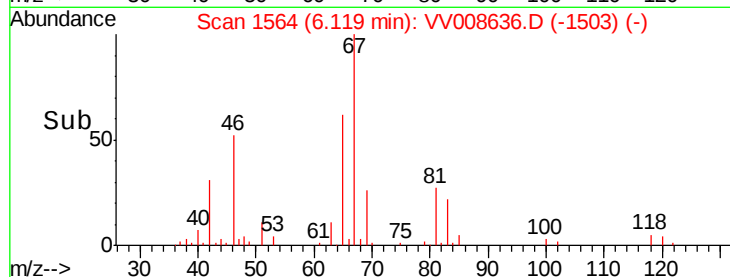
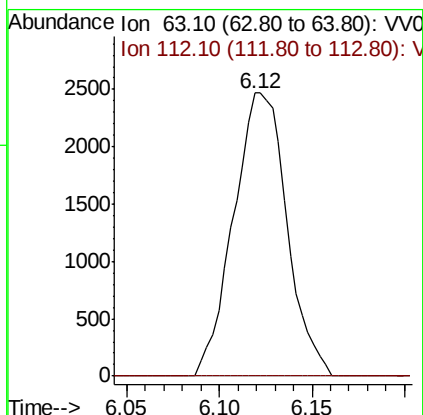
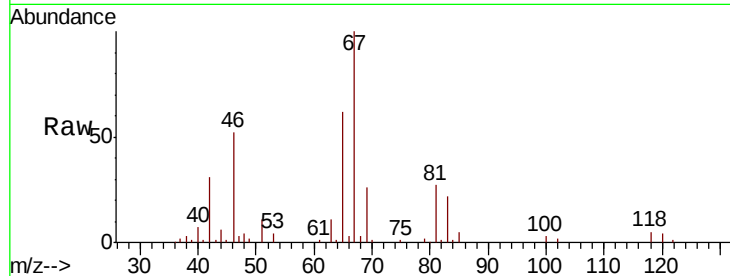




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008636.D
 Acq: 17 Nov 2018 18:34

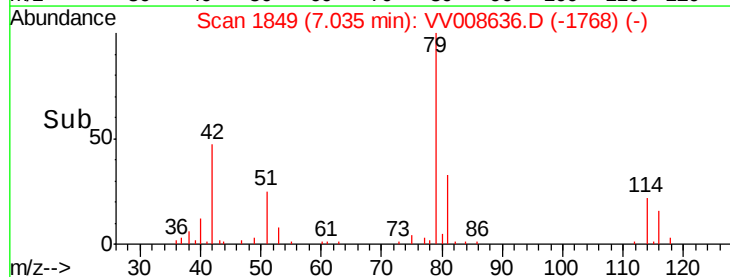
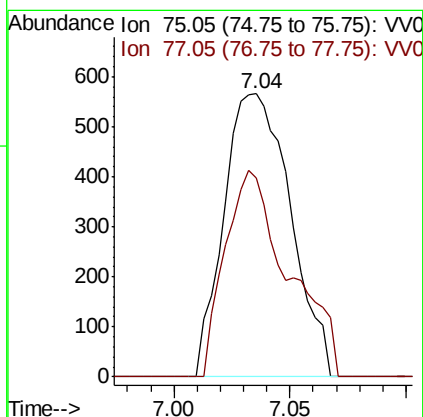
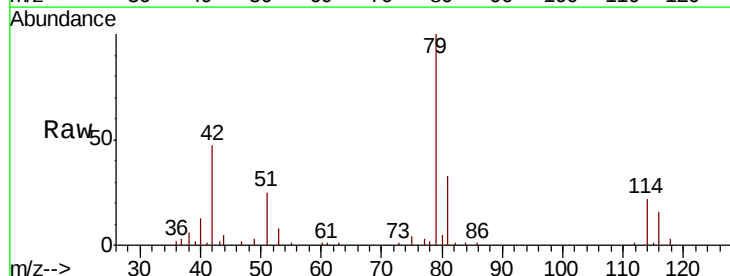
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 MSVOA_V
 ClientSampled :
 ETO75

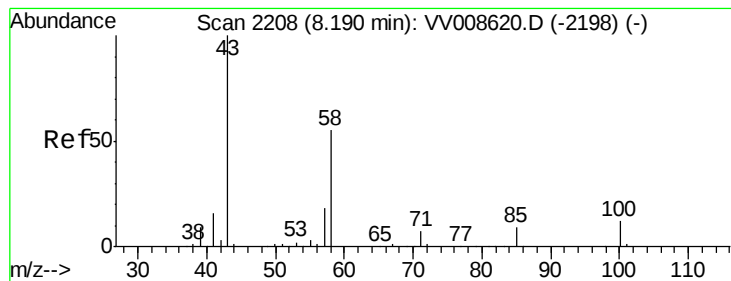
Tot Ion: 63 Resp: 4942
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008636.D
 Acq: 17 Nov 2018 18:34

Tgt Ion: 75 Resp: 1125
 Ion Ratio Lower Upper
 75 100
 77 70.3 23.0 42.8#





#48
 2-Hexanone
 Concen: 2.702 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV008636.D
 Acq: 17 Nov 2018 18:34

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO75

Tot Ion:	43	Resp:	9953
Ion	Ratio	Lower	Upper
43	100		
58	28.7	41.8	62.8#
57	24.1	15.4	23.0#
100	0.0	8.7	13.1#

