

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008627.D
 Acq On : 17 Nov 2018 14:22
 Operator : SY/MD
 Sample : J5990-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO78

Quant Time: Nov 19 03:01:22 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	5.66	114	152643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35052	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.59	69	27597	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	52046	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.95	46	122995	50.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.40	84	88999	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	47124	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.09	84	176571	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.11	67	57800	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	159834	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	20334	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	86209	43.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39213	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	54816	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

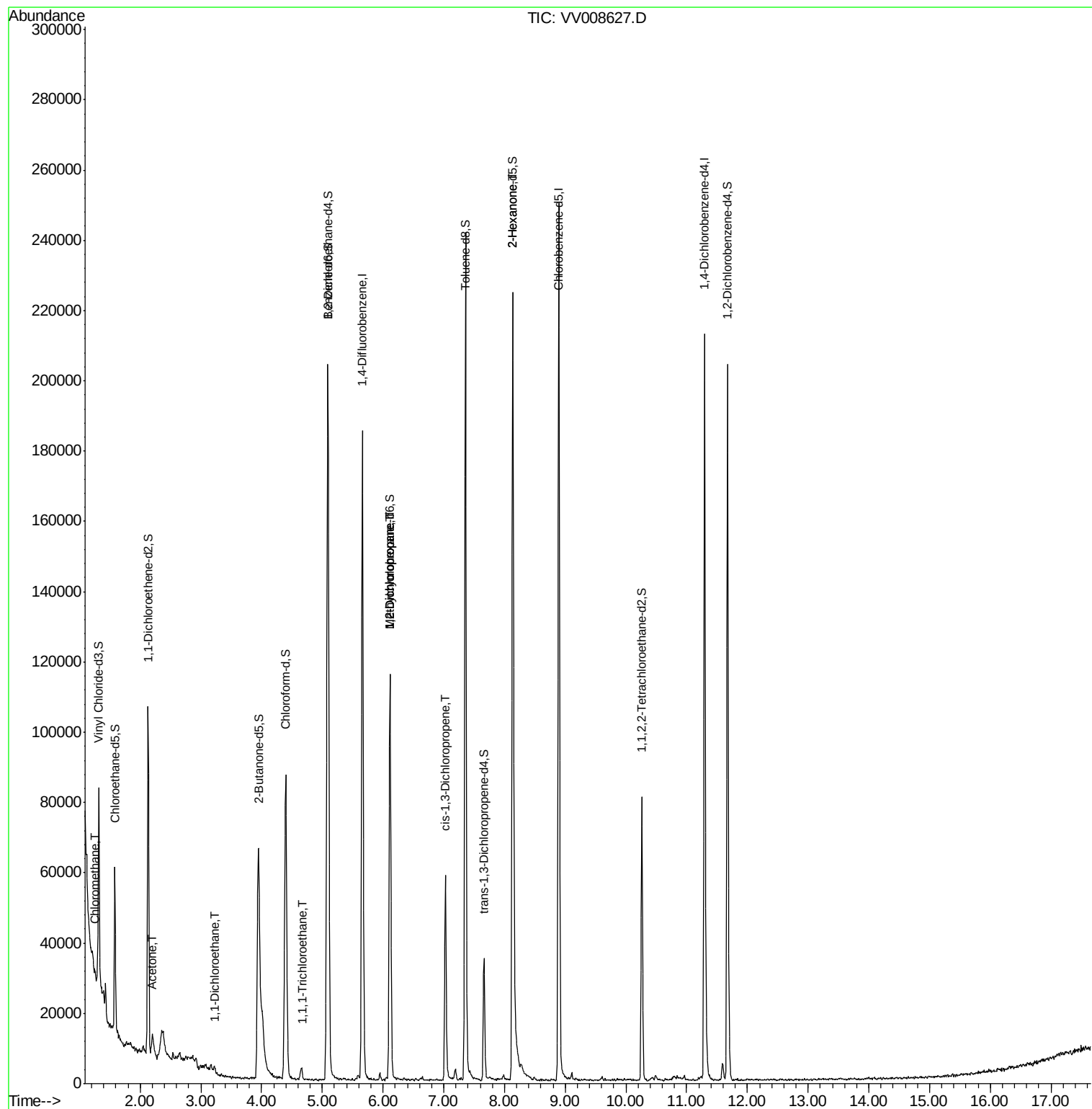
					Ovalue
3) Chloromethane	1.25	50	1929	0.183	ug/L 99
13) Acetone	2.20	43	7991	6.316	ug/L 90
19) 1,1-Dichloroethane	3.24	63	1691	0.087	ug/L 86
29) 1,1,1-Trichloroethane	4.66	97	2974	0.174	ug/L # 79
35) Methylcyclohexane	6.12	83	13281	0.692	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	6364	0.564	ug/L # 89
39) cis-1,3-Dichloropropene	7.03	75	1634	0.108	ug/L # 47
48) 2-Hexanone	8.14	43	12429	2.790	ug/L # 72

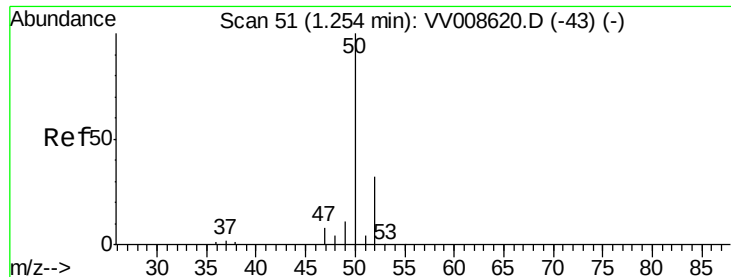
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.183 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008627.D

Acq: 17 Nov 2018 14:22

Instrument :

MSVOA_V

ClientSampleId :

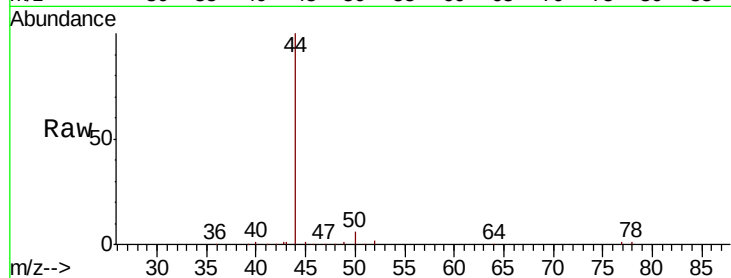
ETO78

Tot Ion: 50 Resp: 1929

Ion Ratio Lower Upper

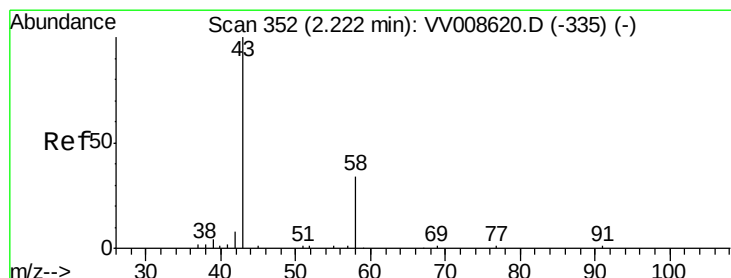
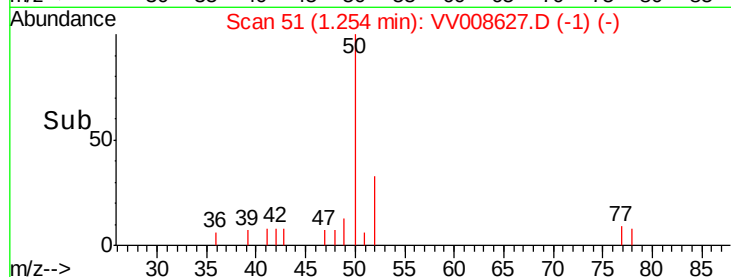
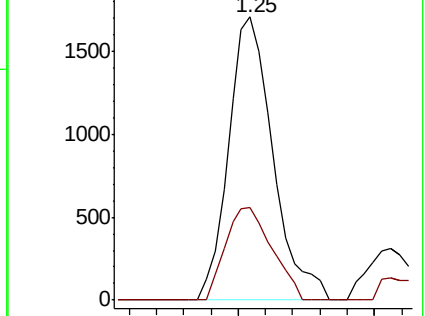
50 100

52 32.6 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV008627.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008627.D (-43) (-)



#13

Acetone

Concen: 6.316 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV008627.D

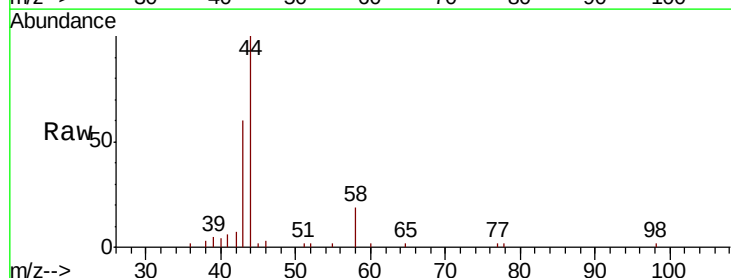
Acq: 17 Nov 2018 14:22

Tgt Ion: 43 Resp: 7991

Ion Ratio Lower Upper

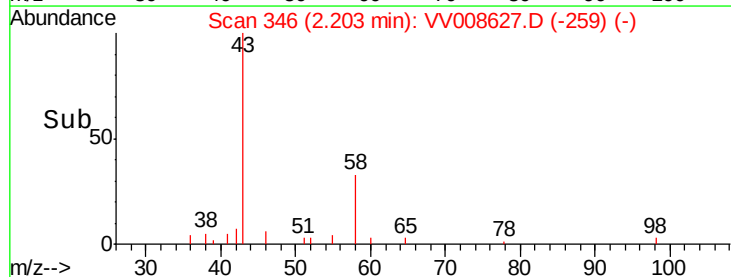
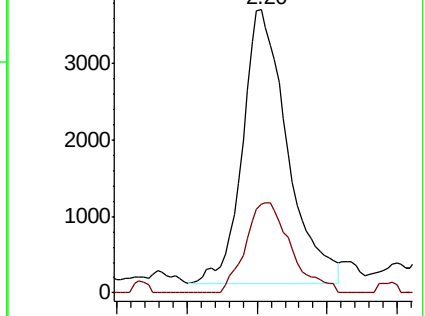
43 100

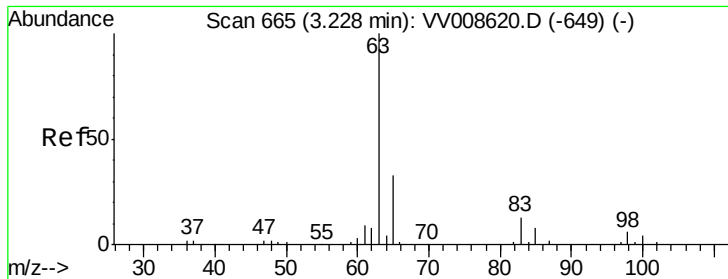
58 33.3 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008627.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008627.D (-335) (-)

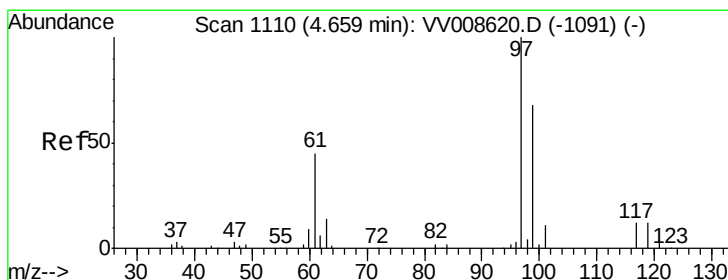
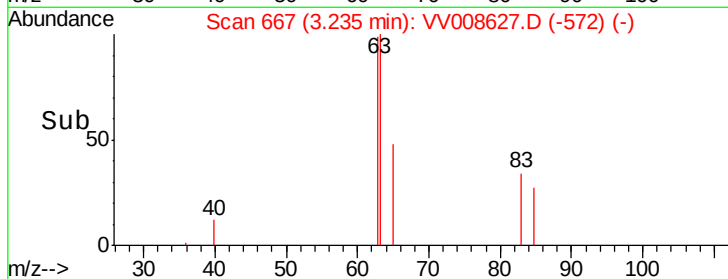
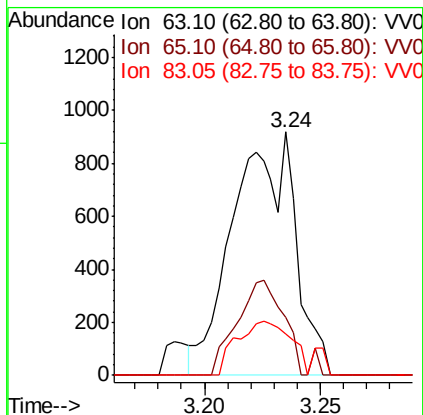
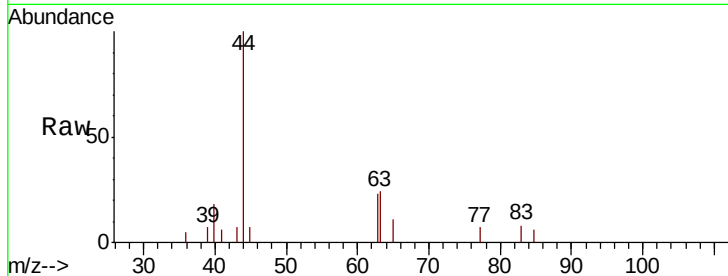




#19
 1,1-Dichloroethane
 Concen: 0.087 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV008627.D
 Acq: 17 Nov 2018 14:22

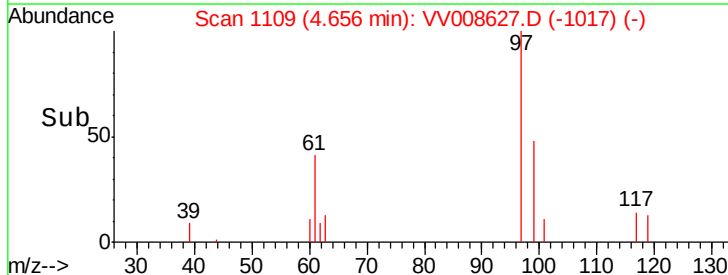
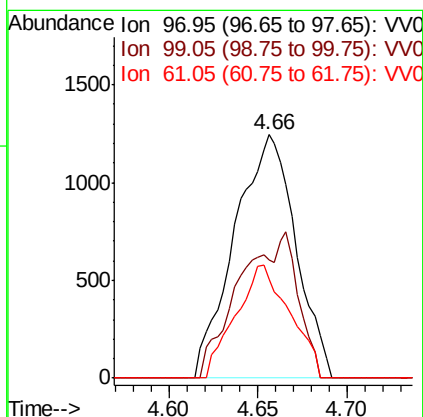
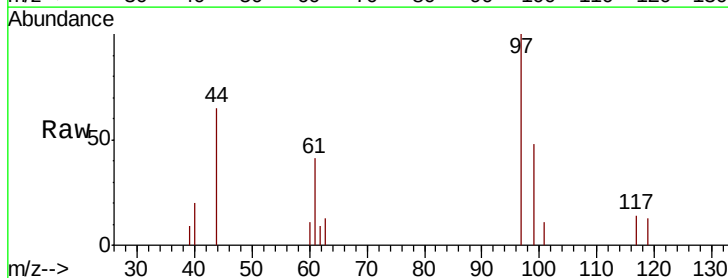
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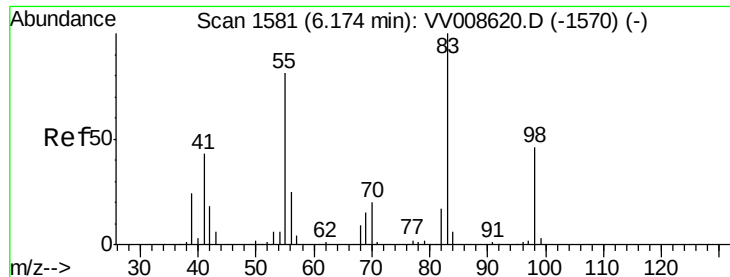
Tot Ion: 63 Resp: 1691
 Ion Ratio Lower Upper
 63 100
 65 23.9 23.2 43.0
 83 16.9 9.5 17.7



#29
 1,1,1-Trichloroethane
 Concen: 0.174 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV008627.D
 Acq: 17 Nov 2018 14:22

Tgt Ion: 97 Resp: 2974
 Ion Ratio Lower Upper
 97 100
 99 37.5 51.0 76.4#
 61 41.2 34.3 51.5

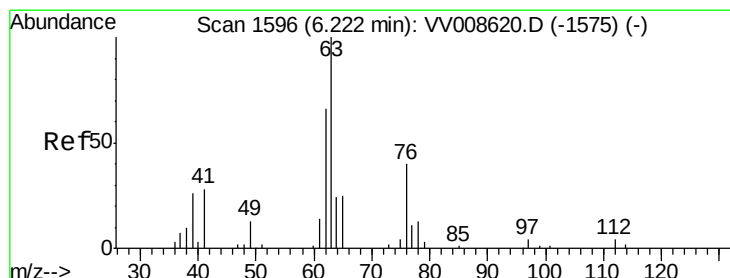
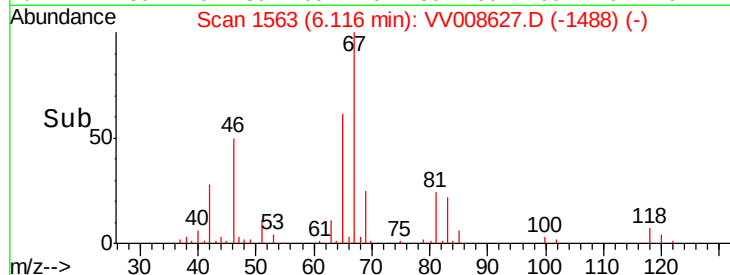
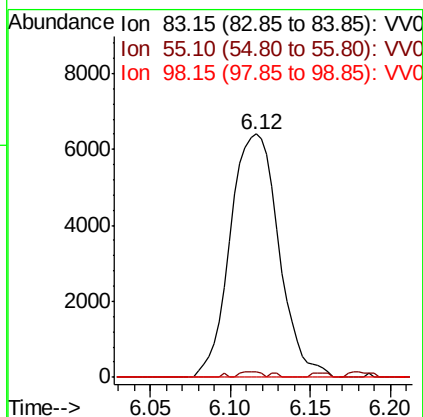
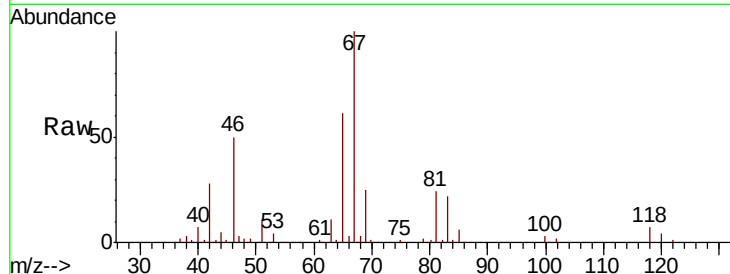




#35
Methylvlcyclohexane
Concen: 0.692 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV008627.D
Acq: 17 Nov 2018 14:22

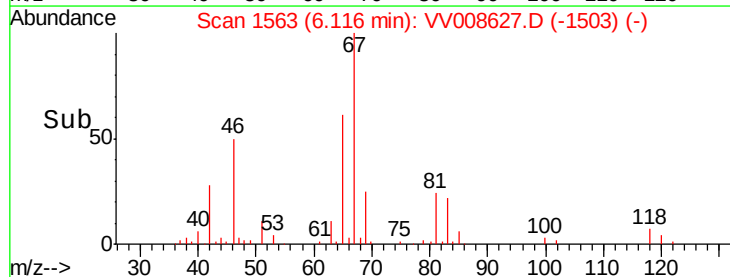
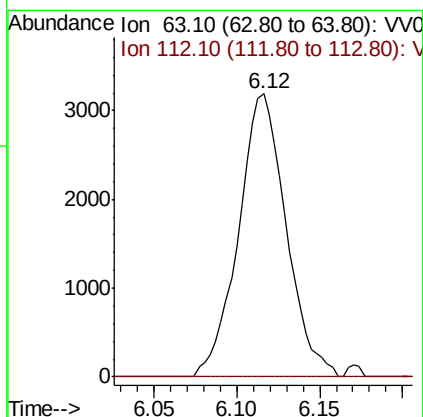
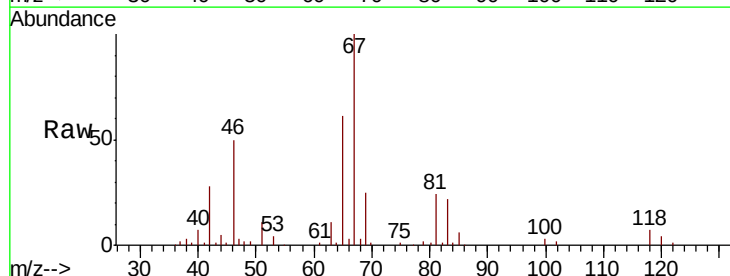
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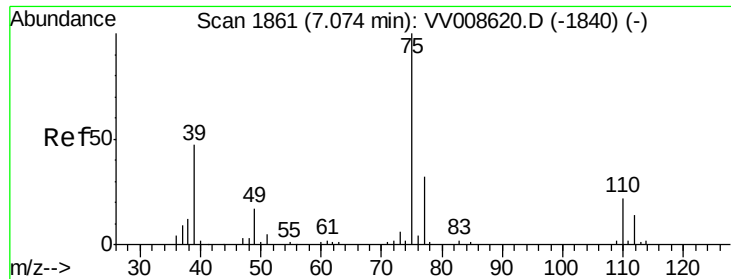
Tot Ion: 83 Resp: 13281
Ion Ratio Lower Upper
83 100
55 0.9 65.6 98.4#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV008627.D
Acq: 17 Nov 2018 14:22

Tgt Ion: 63 Resp: 6364
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

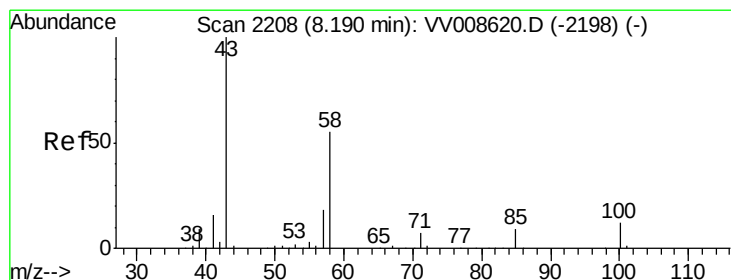
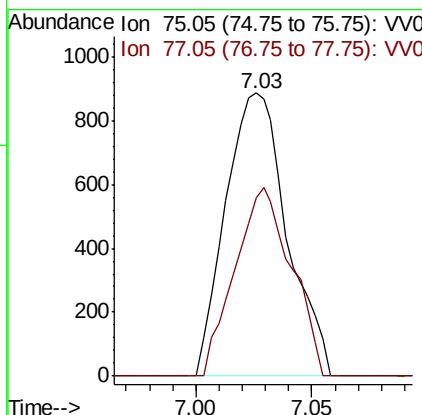
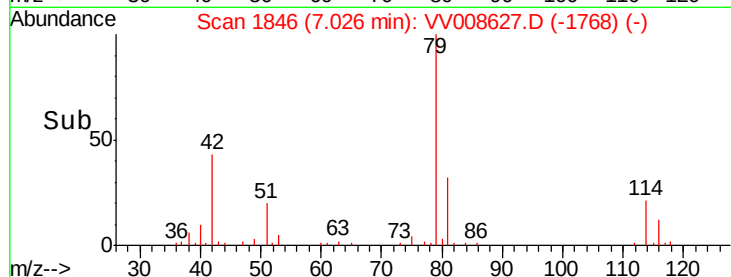
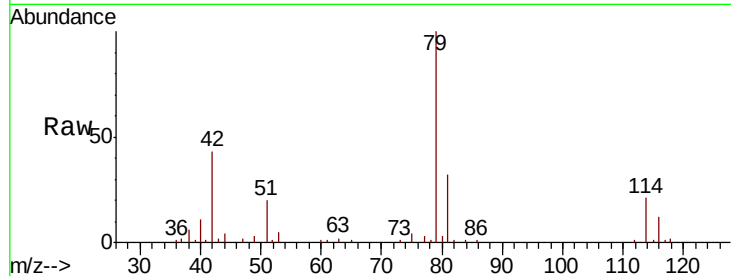




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV008627.D
 Acq: 17 Nov 2018 14:22

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO78

Tot Ion: 75 Resp: 1634
 Ion Ratio Lower Upper
 75 100
 77 62.8 23.0 42.8#



#48
 2-Hexanone
 Concen: 2.790 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV008627.D
 Acq: 17 Nov 2018 14:22

Tgt Ion: 43 Resp: 12429
 Ion Ratio Lower Upper
 43 100
 58 28.3 41.8 62.8#
 57 25.1 15.4 23.0#
 100 0.0 8.7 13.1#

