

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007272.D
 Acq On : 30 Aug 2018 19:52
 Operator : SY/MD
 Sample : VV0830WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:33:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	294284	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	294033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118658	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	99791	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	156223	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.98	46	243057	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	4.40	84	210696	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	101332	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	429394	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	136405	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.37	98	337534	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.67	79	43591	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.15	63	147915	43.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93801	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	116927	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

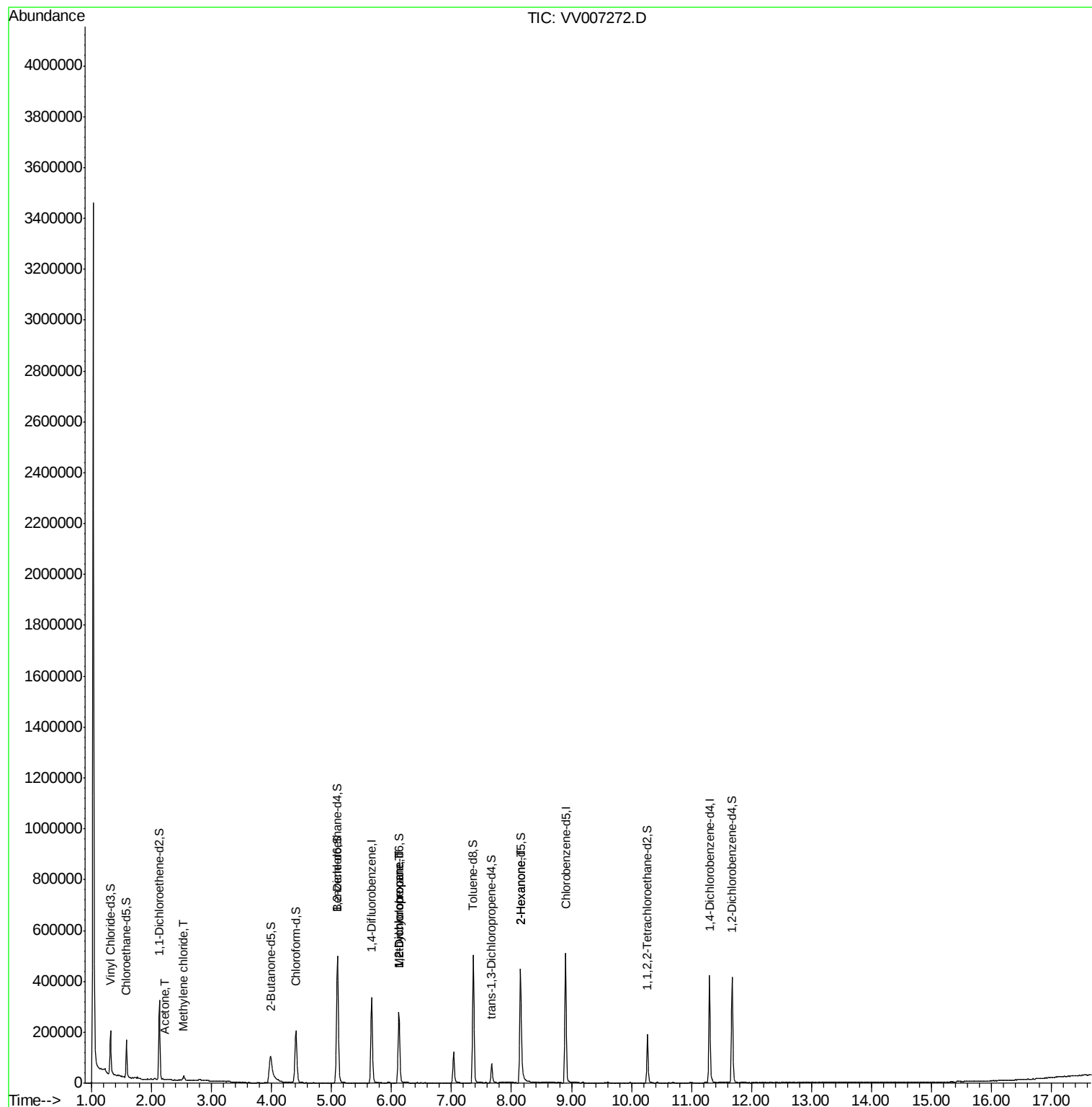
					Ovalue
13) Acetone	2.22	43	724	0.262 ug/L	52
16) Methylene chloride	2.54	84	6338	0.265 ug/L	94
35) Methylcyclohexane	6.12	83	32839	0.883 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13879	0.564 ug/L #	88
48) 2-Hexanone	8.15	43	25164	3.154 ug/L #	88

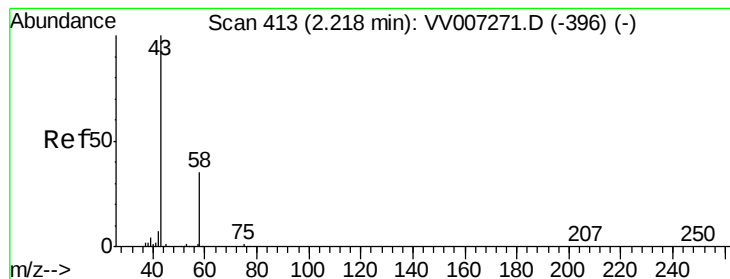
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.262 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV007272.D

Acq: 30 Aug 2018 19:52

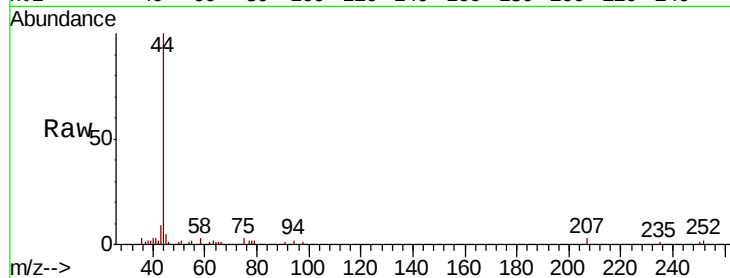
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 63.8 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007271.D (-396) (-)

2.22

800

600

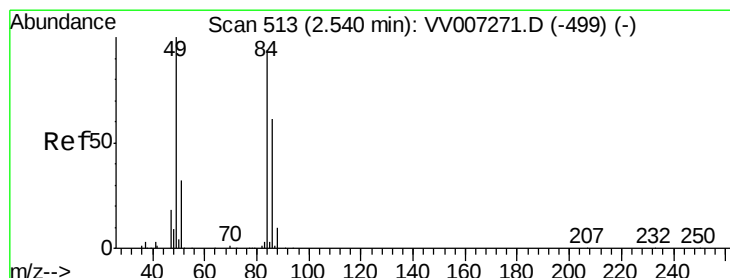
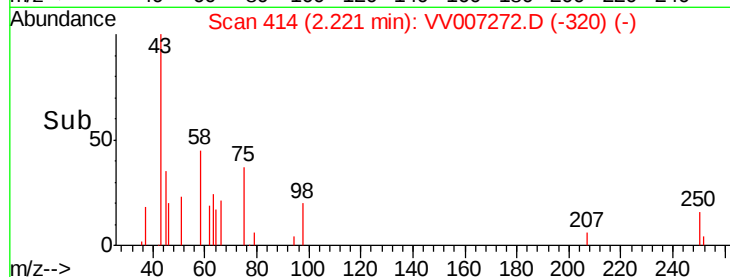
400

200

0

2.20 2.22 2.24 2.26

Time-->



#16

Methylene chloride

Concen: 0.265 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007272.D

Acq: 30 Aug 2018 19:52

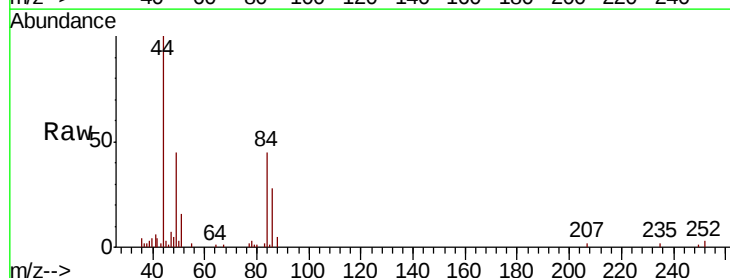
Tgt Ion: 84 Resp: 6338

Ion Ratio Lower Upper

84 100

86 61.8 44.8 83.2

49 99.6 75.2 139.6



Abundance Ion 84.05 (83.75 to 84.75): VV007271.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV007271.D (-499) (-)

Ion 49.10 (48.80 to 49.80): VV007271.D (-499) (-)

5000

4000

3000

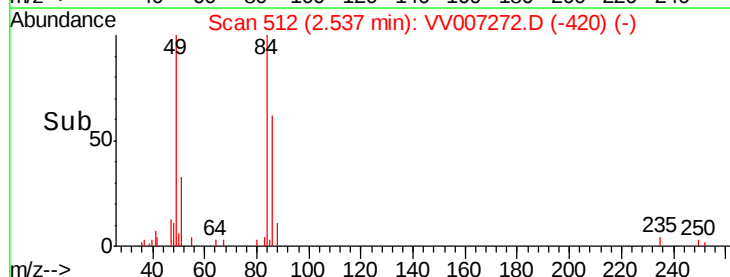
2000

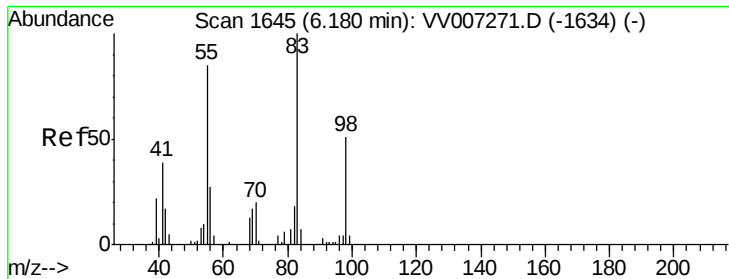
1000

0

2.50 2.54 2.60

Time-->

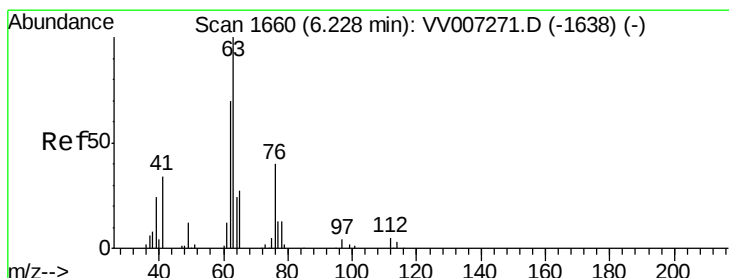
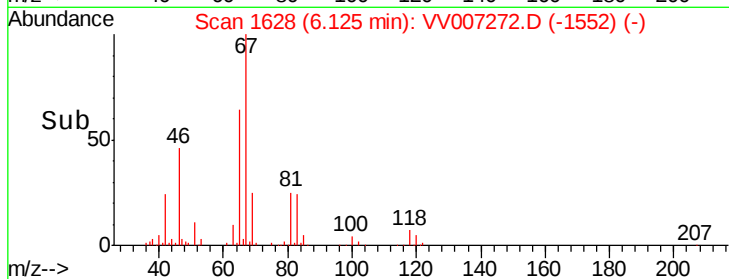
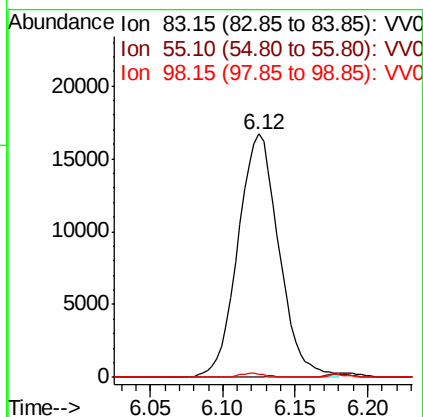
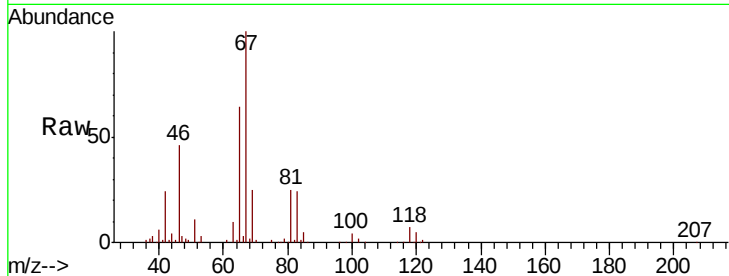




#35
Methvlcvclohexane
Concen: 0.883 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007272.D
Acq: 30 Aug 2018 19:52

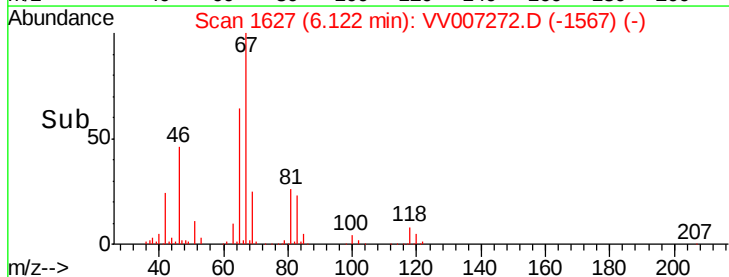
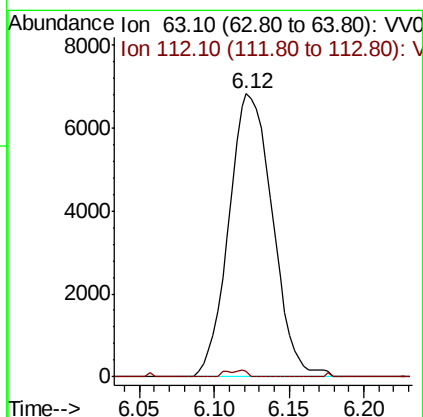
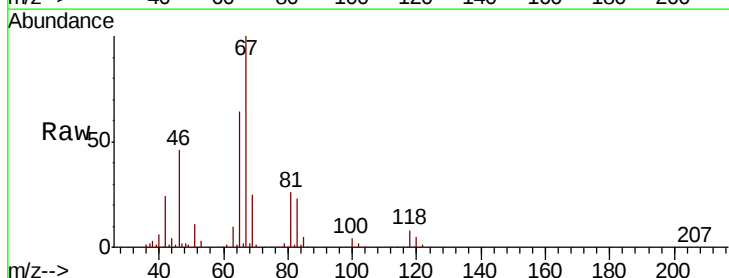
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MSVOA_V
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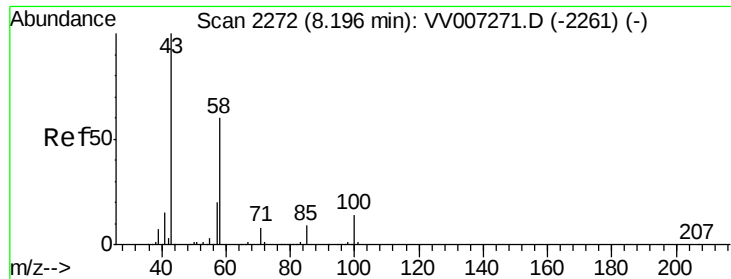
Tot Ion: 83 Resp: 32839
Ion Ratio Lower Upper
83 100
55 0.1 63.5 95.3#
98 0.8 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV007272.D
Acq: 30 Aug 2018 19:52

Tgt Ion: 63 Resp: 13879
Ion Ratio Lower Upper
63 100
112 1.1 3.9 5.9#





#48
 2-Hexanone
 Concen: 3.154 ug/L
 RT: 8.15 min Scan# 2257
 Delta R.T. -0.05 min
 Lab File: VV007272.D
 Acq: 30 Aug 2018 19:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.6	69.8
57	37.4	15.4	23.0#
100	4.1	10.4	15.6#

