

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006883.D
 Acq On : 04 Aug 2018 15:38
 Operator : SY/MD
 Sample : J4314-14
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	265460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	257081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99969	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	92339	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.13	63	144951	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.97	46	240089	53.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	4.41	84	180655	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.09	65	94108	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.11	84	344189	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	119335	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.37	98	262743	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.67	79	38098	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.15	63	144588	40.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88675	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	91572	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

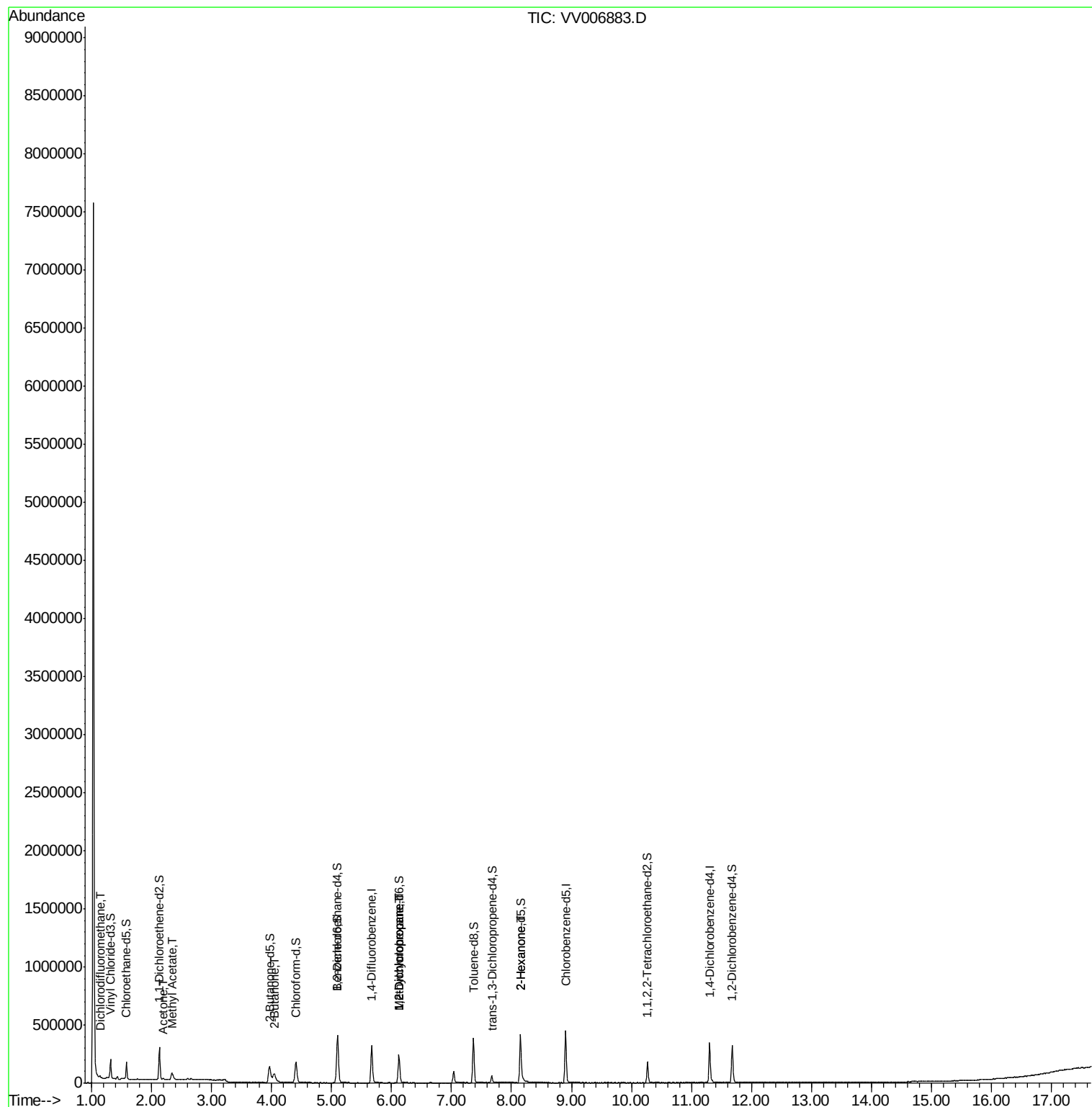
					Ovalue
2) Dichlorodifluoromethane	1.14	85	6187	0.292 ug/L	99
13) Acetone	2.21	43	8208	2.610 ug/L	89
15) Methyl Acetate	2.34	43	19712	2.083 ug/L #	54
21) 2-Butanone	4.04	43	1470	0.306 ug/L	76
35) Methylcyclohexane	6.12	83	27959	0.876 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	12786	0.617 ug/L #	90
48) 2-Hexanone	8.15	43	20086	2.583 ug/L #	83

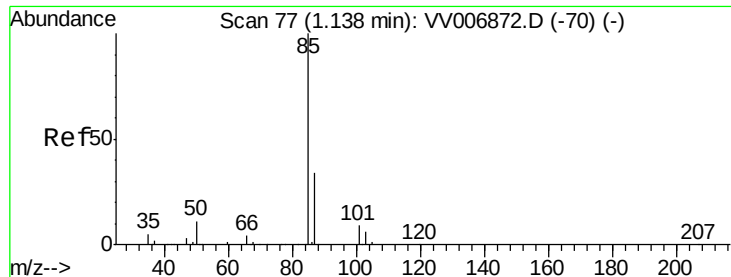
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.292 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006883.D

Acq: 04 Aug 2018 15:38

Instrument :

MSVOA_V

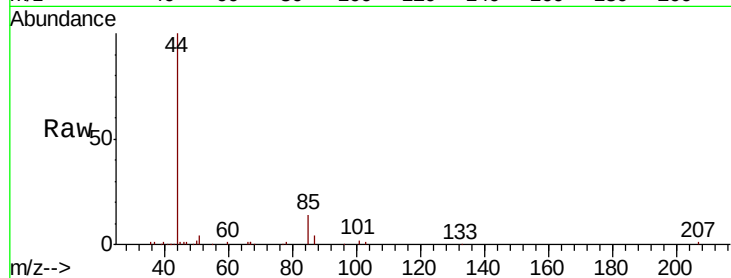
ClientSampleId :

Tot Ion: 85 Resp: 6187

Ion Ratio Lower Upper

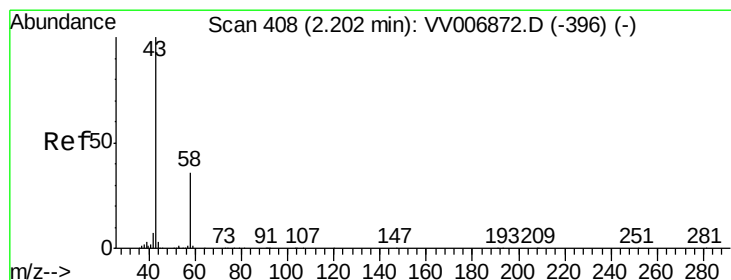
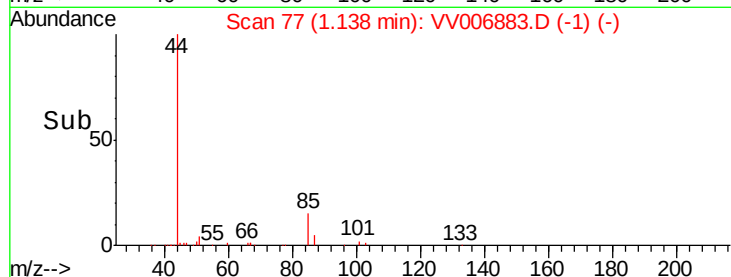
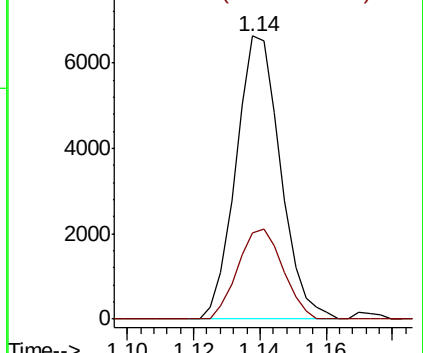
85 100

87 32.1 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 2.610 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV006883.D

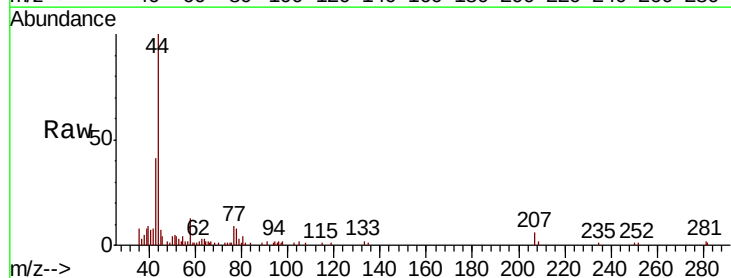
Acq: 04 Aug 2018 15:38

Tgt Ion: 43 Resp: 8208

Ion Ratio Lower Upper

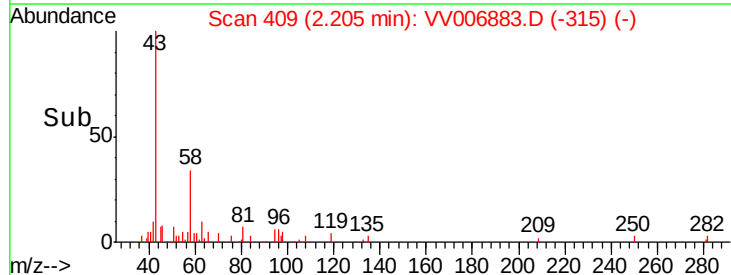
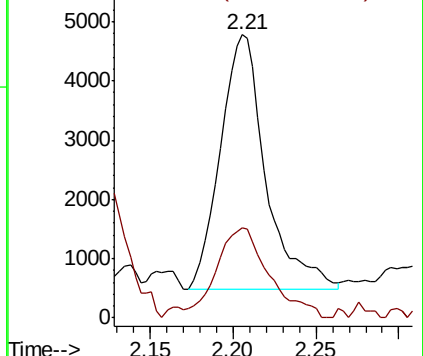
43 100

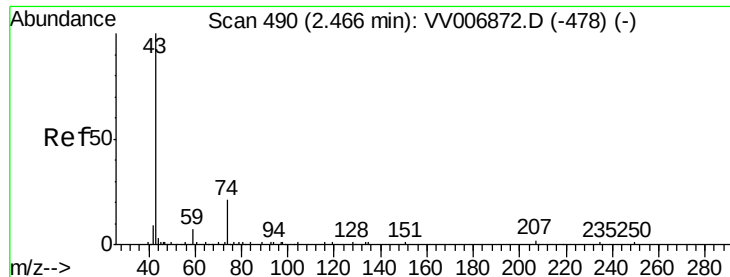
58 40.7 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

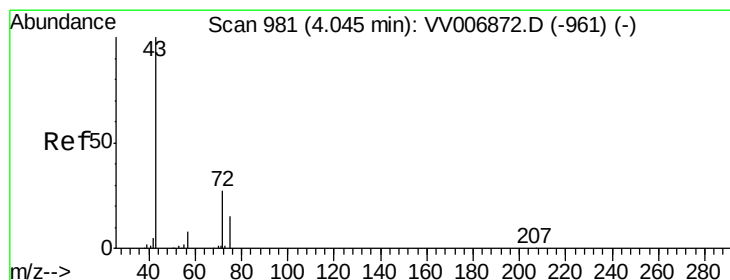
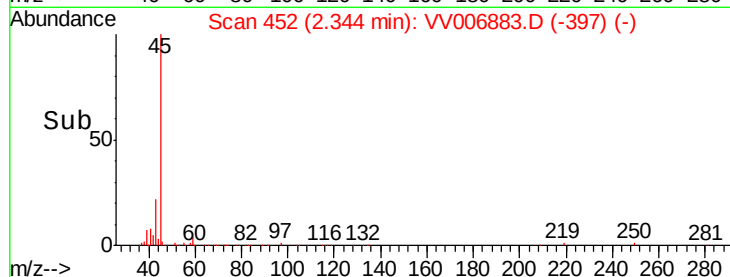
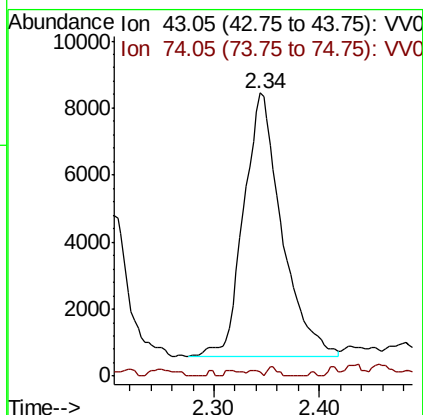
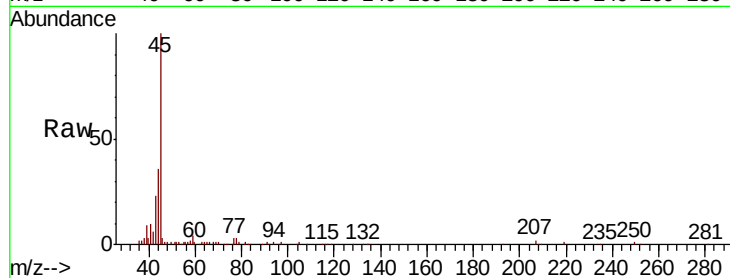




#15
Methyl Acetate
Concen: 2.083 ug/L
RT: 2.34 min Scan# 452
Delta R.T. -0.12 min
Lab File: VV006883.D
Acq: 04 Aug 2018 15:38

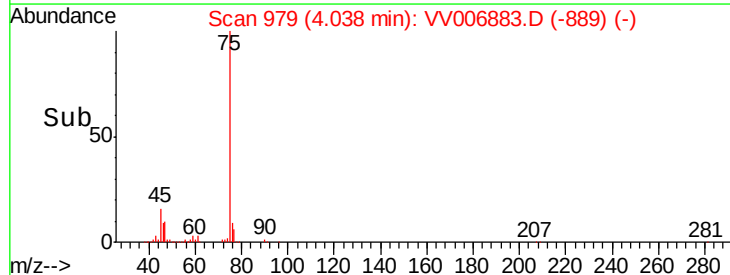
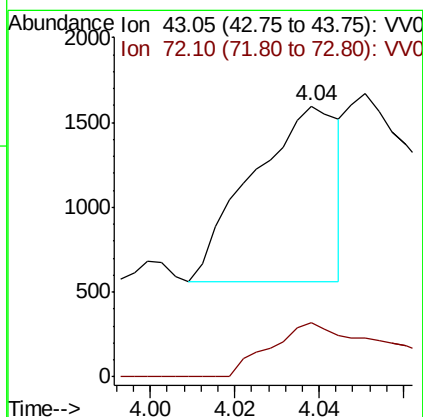
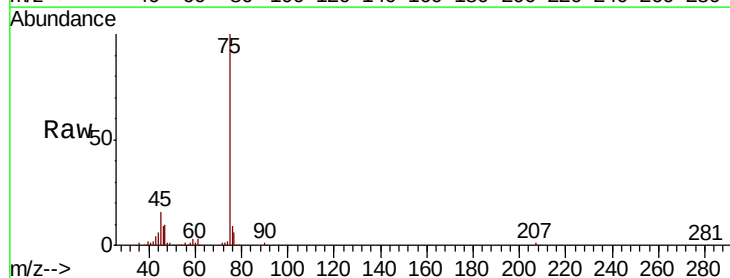
Instrument :
MSVOA_V
ClientSampleId :

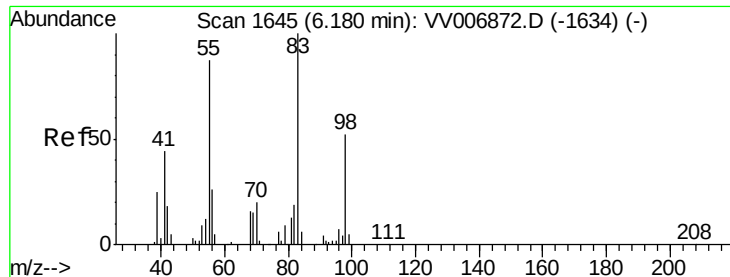
Tot Ion: 43 Resp: 19712
Ion Ratio Lower Upper
43 100
74 0.6 18.3 27.5#



#21
2-Butanone
Concen: 0.306 ug/L
RT: 4.04 min Scan# 979
Delta R.T. -0.01 min
Lab File: VV006883.D
Acq: 04 Aug 2018 15:38

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 39.3 13.4 40.1





#35

Methvlcvclohexane

Concen: 0.876 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006883.D

Acq: 04 Aug 2018 15:38

Instrument :

MSVOA_V

ClientSampleId :

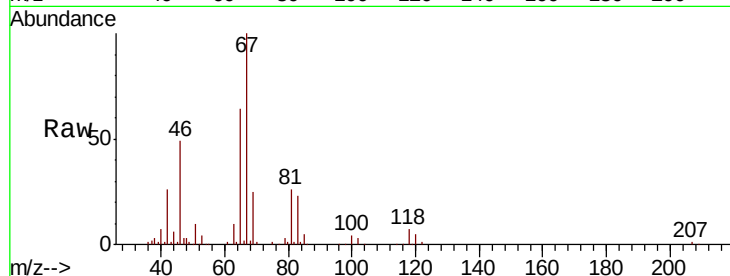
Tot Ion: 83 Resp: 27959

Ion Ratio Lower Upper

83 100

55 0.8 61.8 92.6#

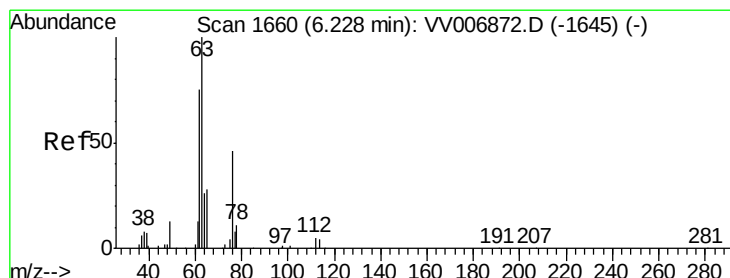
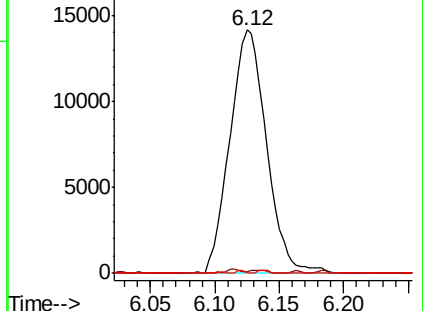
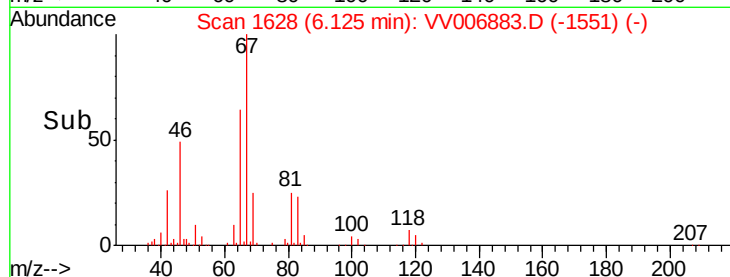
98 0.3 37.2 55.8#



Abundance Ion 83.15 (82.85 to 83.85): VV006883.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VV006883.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VV006883.D (-1628) (-)



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006883.D

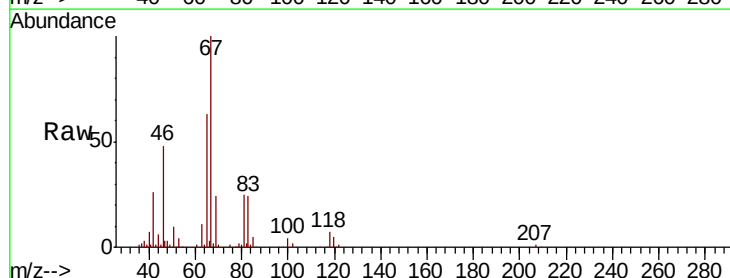
Acq: 04 Aug 2018 15:38

Tgt Ion: 63 Resp: 12786

Ion Ratio Lower Upper

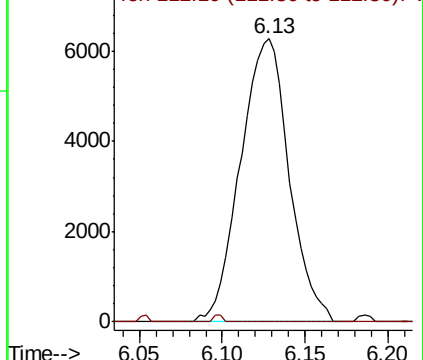
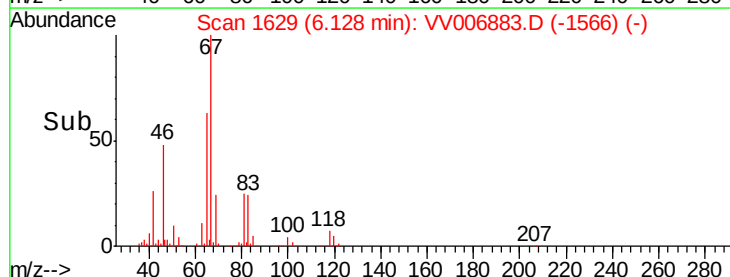
63 100

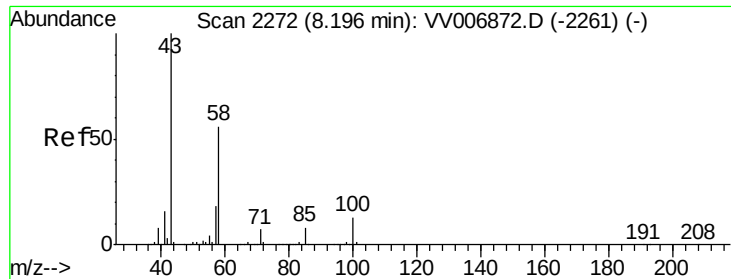
112 0.5 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006883.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VV006883.D (-1629) (-)





#48
 2-Hexanone
 Concen: 2.583 ug/L
 RT: 8.15 min Scan# 2257
 Delta R.T. -0.05 min
 Lab File: VV006883.D
 Acq: 04 Aug 2018 15:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	45.4	68.0
57	41.8	15.4	23.2
100	5.6	10.6	16.0

