

Data File : VU032108.D
Acq On : 17 May 2019 18:12
Operator : JC/SP
Sample : K2850-09DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W09DL

Quant Time: May 18 04:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	369361	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122085	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	102189	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.27	63	172467	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.20	46	278128	45.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	4.64	84	234624	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	120349	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.33	84	474145	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.33	67	138852	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	386407	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.85	79	47632	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.31	63	242318	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126070	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	147775	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

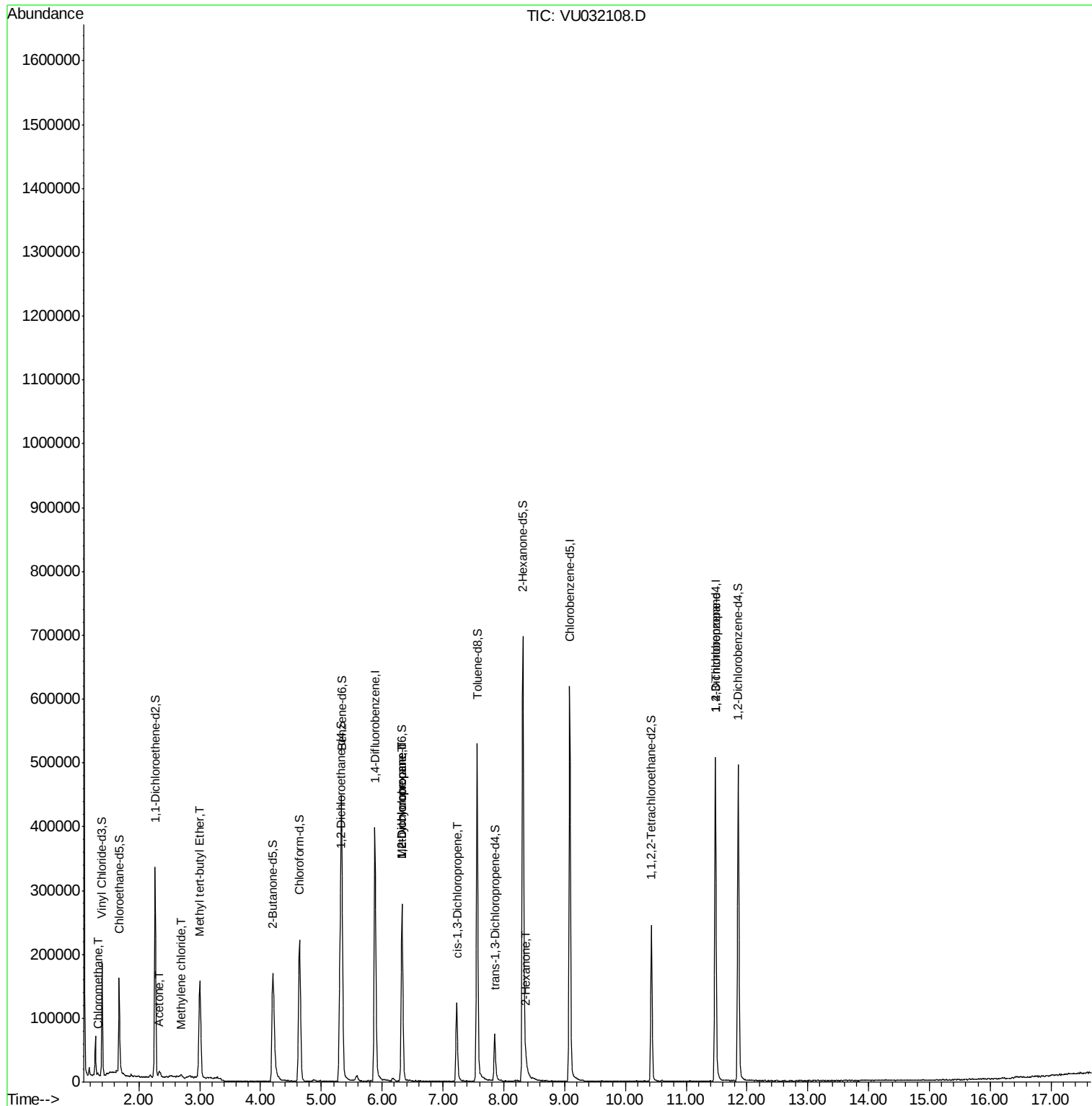
					Qvalue
3) Chloromethane	1.32	50	2675	0.151 ug/L	91
13) Acetone	2.34	43	5889	2.937 ug/L	96
16) Methylene chloride	2.69	84	2549	0.144 ug/L	86
17) Methyl tert-butyl Ether	3.00	73	180405	5.173 ug/L	96
35) Methylcyclohexane	6.33	83	34445	1.550 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	16107	1.158 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3198	0.166 ug/L	96
48) 2-Hexanone	8.37	43	10246	2.048 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	16088	1.820 ug/L	92

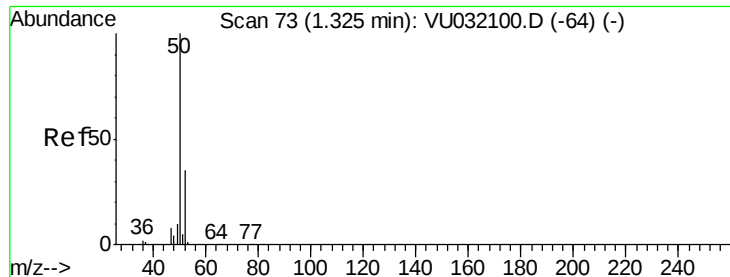
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032108.D

Acq: 17 May 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

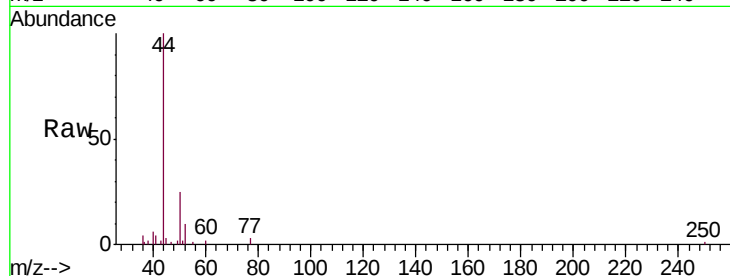
F9W09DL

Tgt Ion: 50 Resp: 2675

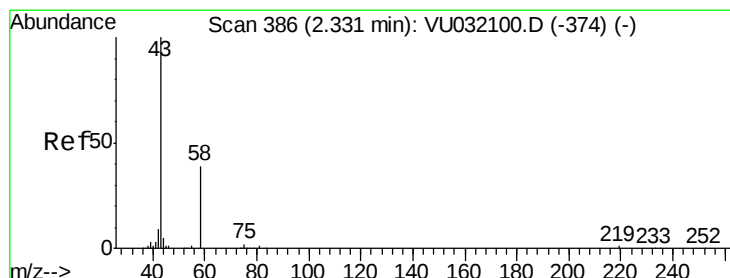
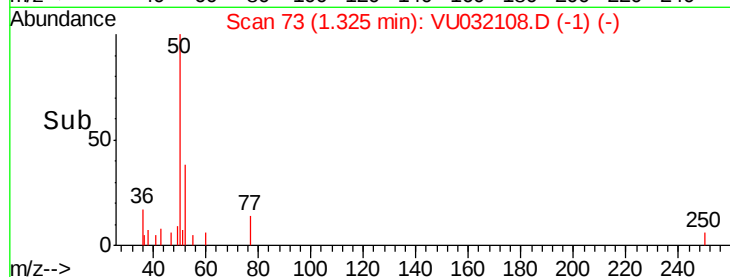
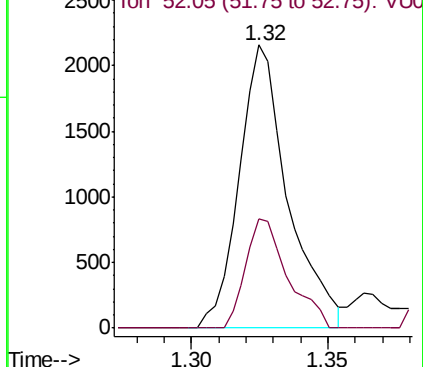
Ion Ratio Lower Upper

50 100

52 38.4 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032108.D (-64) (-)



#13

Acetone

Concen: 2.937 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032108.D

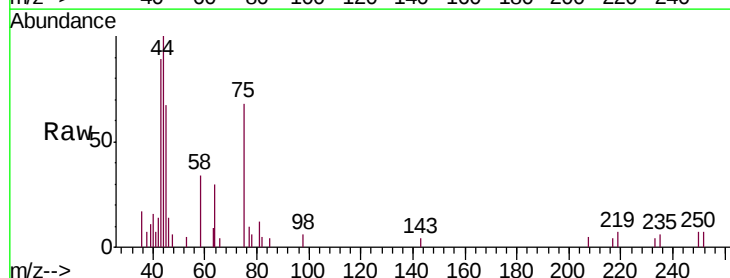
Acq: 17 May 2019 18:12

Tgt Ion: 43 Resp: 5889

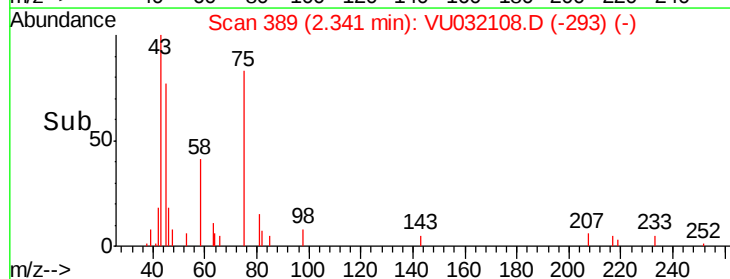
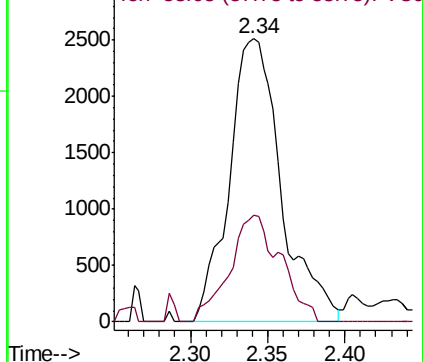
Ion Ratio Lower Upper

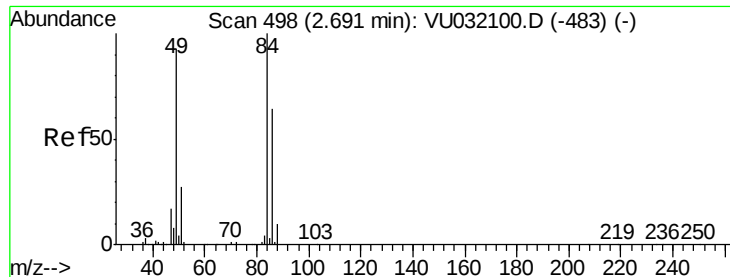
43 100

58 36.9 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032108.D (-374) (-)

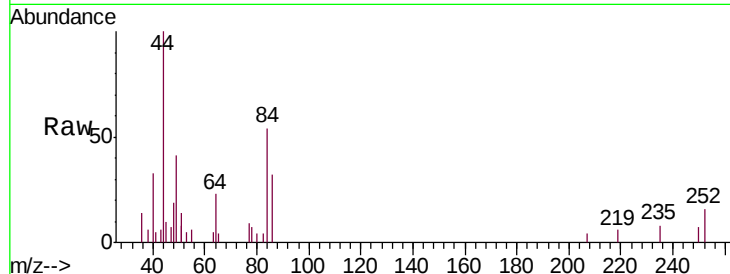




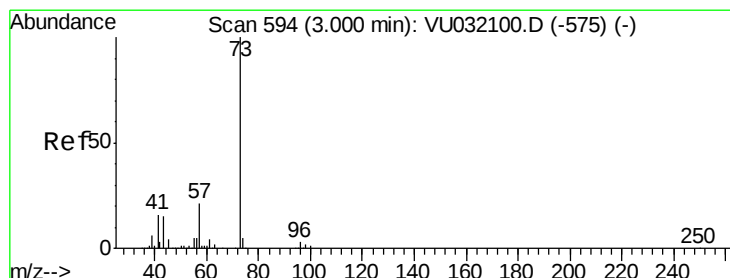
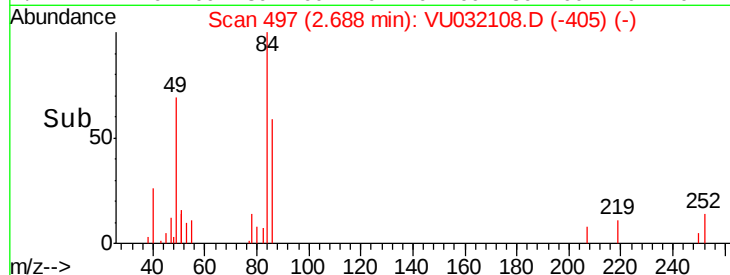
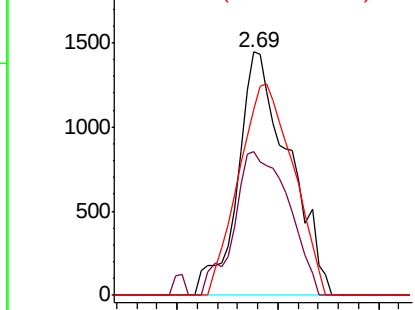
#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU032108.D
Acq: 17 May 2019 18:12

Instrument :
MSVOA_U
ClientSampleId :
F9W09DL

Tgt Ion: 84 Resp: 2549
Ion Ratio Lower Upper
84 100
86 59.2 43.1 80.1
49 76.3 67.7 125.7

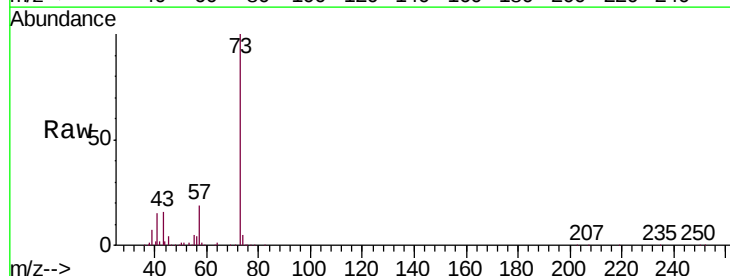


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

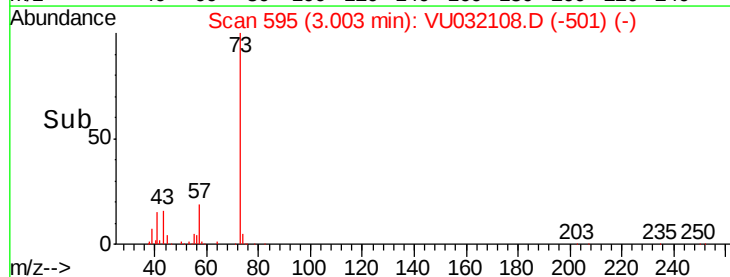
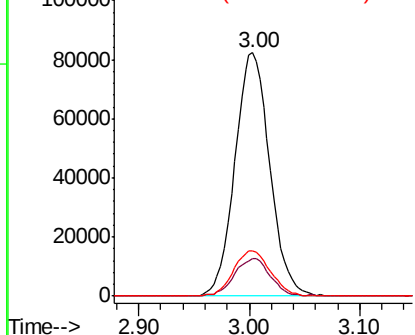


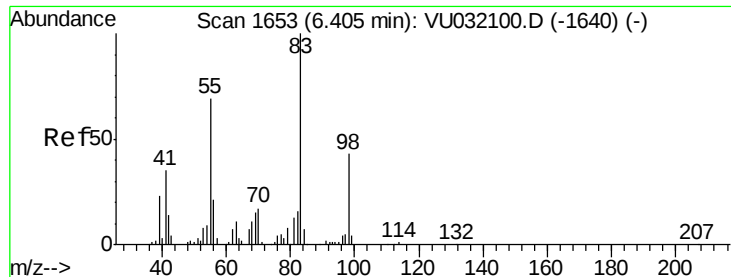
#17
Methyl tert-butyl Ether
Concen: 5.173 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032108.D
Acq: 17 May 2019 18:12

Tgt Ion: 73 Resp: 180405
Ion Ratio Lower Upper
73 100
43 15.9 13.0 19.6
57 19.7 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#35

Methylcyclohexane

Concen: 1.550 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032108.D

Acq: 17 May 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

F9W09DL

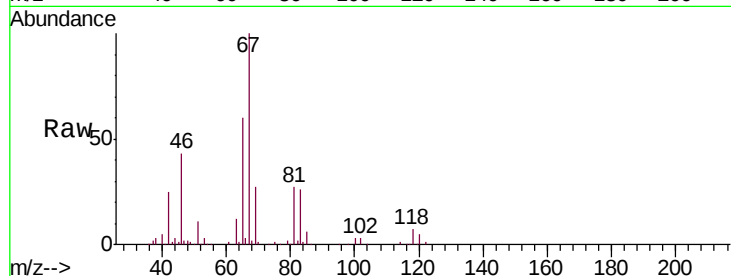
Tgt Ion: 83 Resp: 34445

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

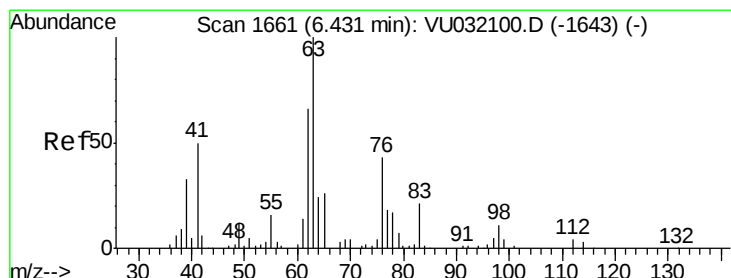
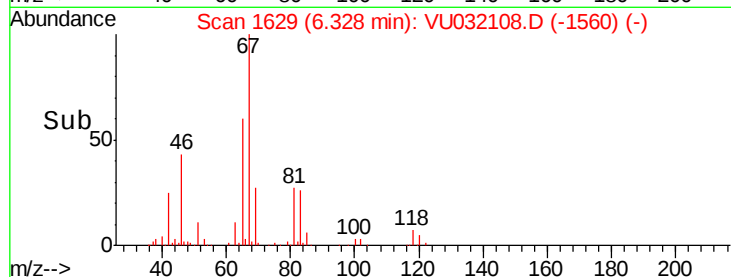
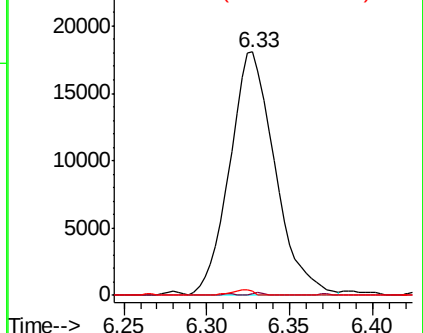
98 1.1 36.8 55.2#



Abundance Ion 83.15 (82.85 to 83.85): VU032108.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU032108.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU032108.D (-1640) (-)



#37

1,2-Dichloropropane

Concen: 1.158 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032108.D

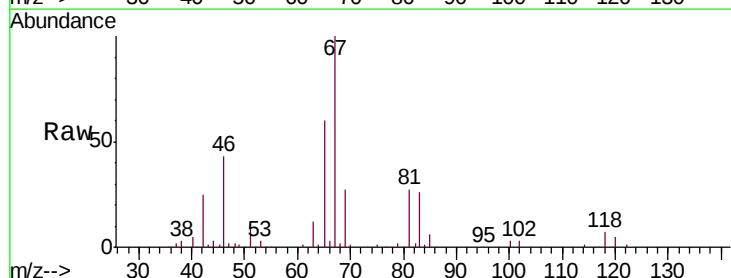
Acq: 17 May 2019 18:12

Tgt Ion: 63 Resp: 16107

Ion Ratio Lower Upper

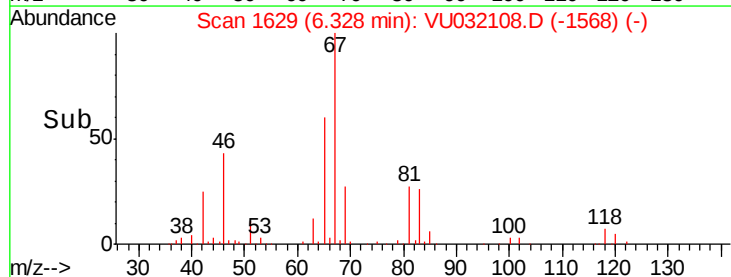
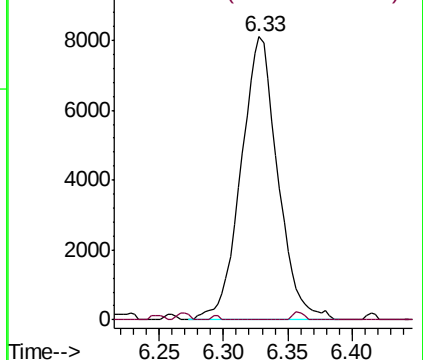
63 100

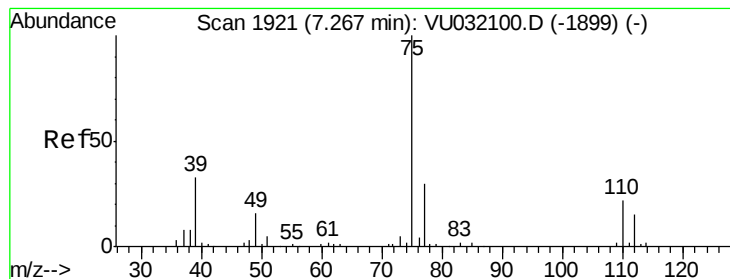
112 0.8 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032108.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VU032108.D (-1568) (-)



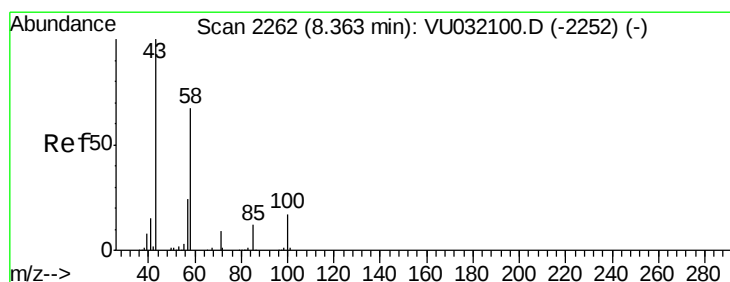
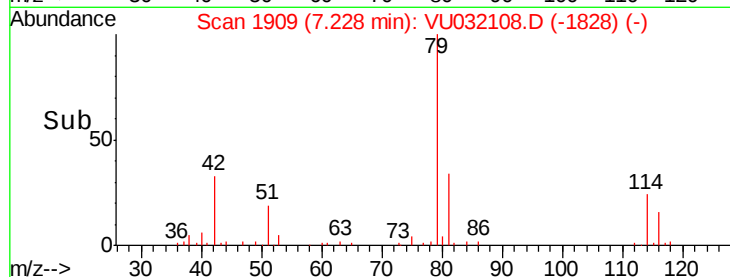
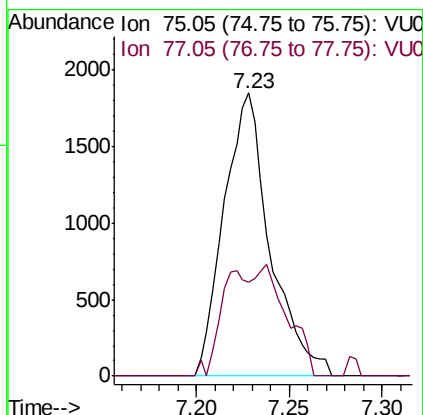
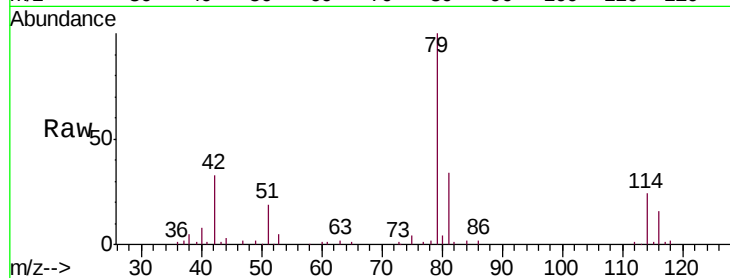


#39

cis-1,3-Dichloropropene
 Concen: 0.166 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032108.D
 Acq: 17 May 2019 18:12

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W09DL

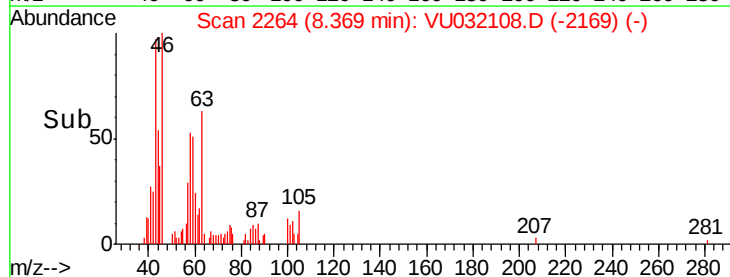
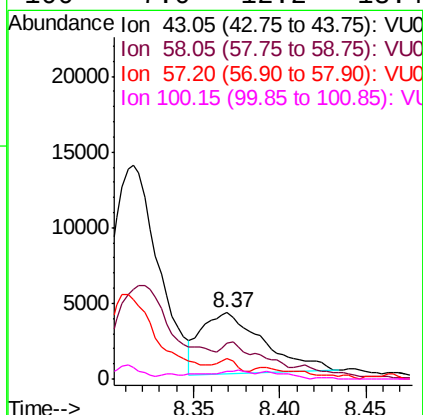
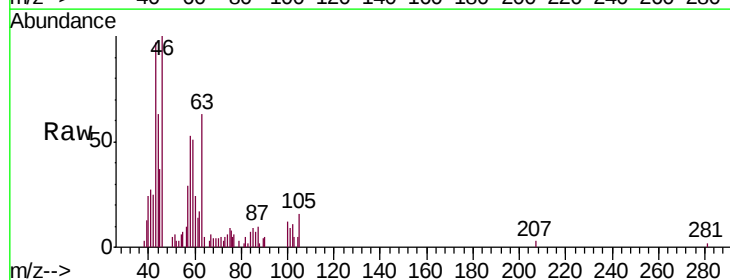
Tgt Ion: 75 Resp: 3198
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.7 40.3

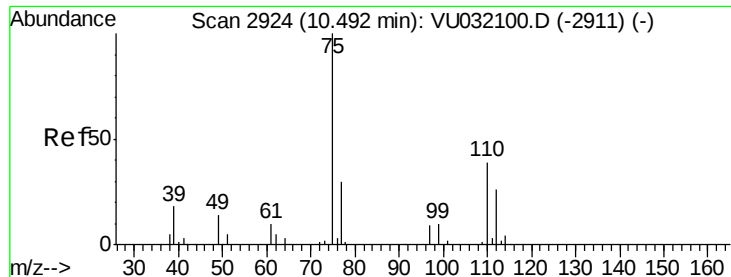


#48

2-Hexanone
 Concen: 2.048 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032108.D
 Acq: 17 May 2019 18:12

Tgt Ion: 43 Resp: 10246
 Ion Ratio Lower Upper
 43 100
 58 39.2 51.6 77.4#
 57 14.2 18.4 27.6#
 100 7.0 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.820 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032108.D

Acq: 17 May 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

F9W09DL

Tgt Ion: 75 Resp: 16088

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

