

Data File : VU032109.D
Acq On : 17 May 2019 18:37
Operator : JC/SP
Sample : K2850-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W10DL

Quant Time: May 18 04:13:27 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	372485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121142	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	103315	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.27	63	173955	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.21	46	275302	44.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.38%
24) Chloroform-d	4.64	84	234030	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	122303	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	471118	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	140093	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.56	98	393511	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	47286	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.31	63	236989	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126356	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	150964	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

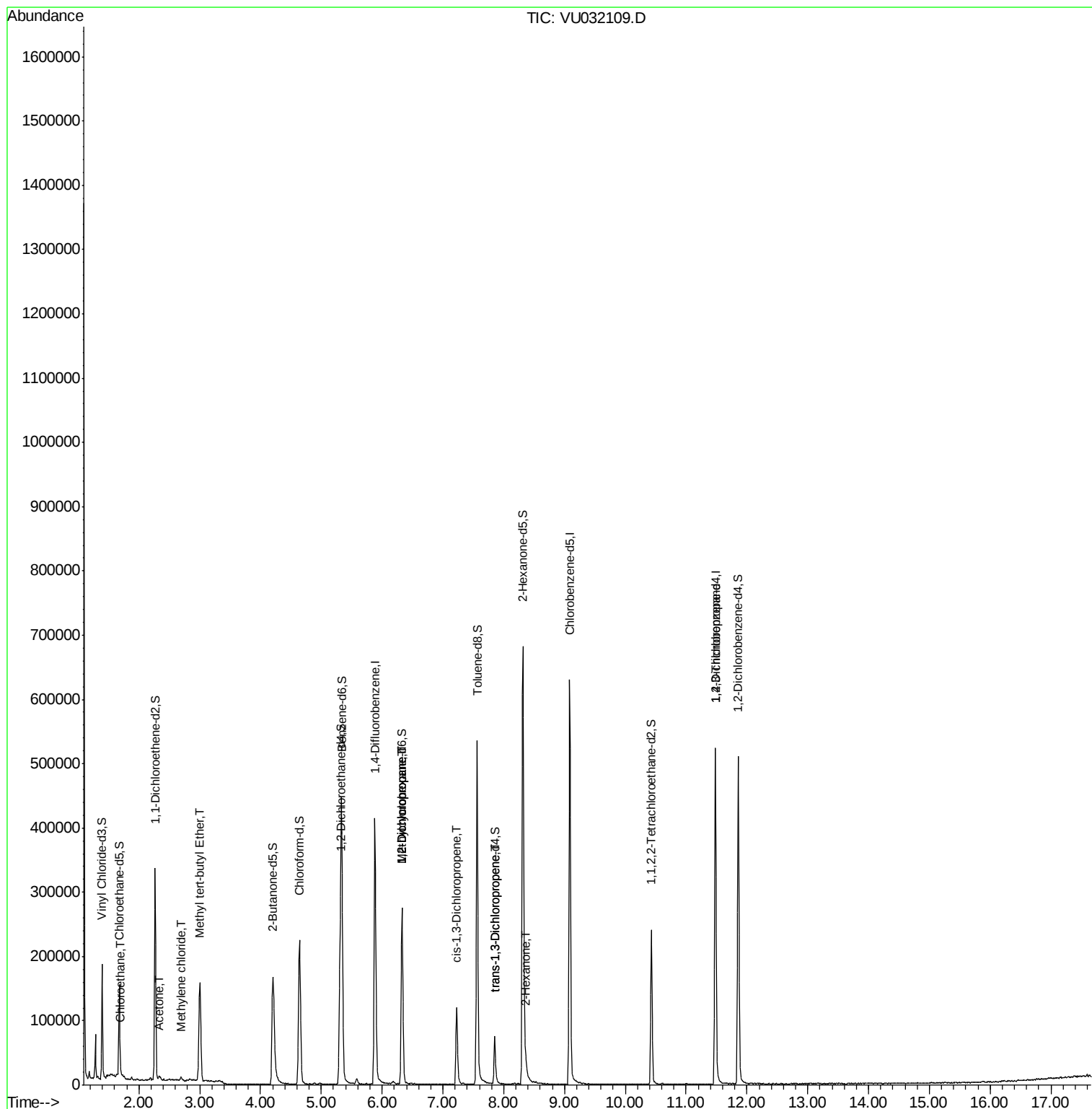
					Qvalue
8) Chloroethane	1.71	64	1261	0.108 ug/L #	43
13) Acetone	2.34	43	5649	2.793 ug/L	99
16) Methylene chloride	2.69	84	2780	0.156 ug/L	88
17) Methyl tert-butyl Ether	3.00	73	182219	5.182 ug/L	95
35) Methylcyclohexane	6.33	83	35196	1.512 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	16205	1.112 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3085	0.153 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	2419	0.154 ug/L #	81
48) 2-Hexanone	8.37	43	7884	1.505 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	15388	1.663 ug/L #	86

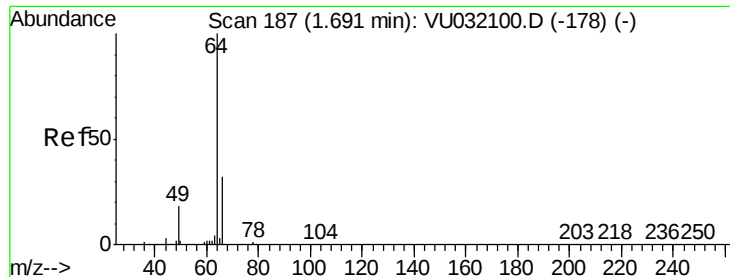
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.108 ug/L

RT: 1.71 min Scan# 192

Delta R.T. 0.02 min

Lab File: VU032109.D

Acq: 17 May 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

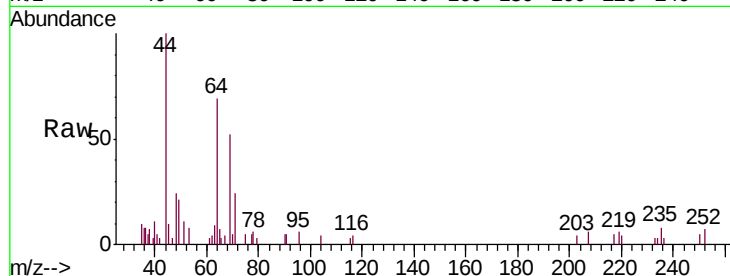
F9W10DL

Tgt Ion: 64 Resp: 1261

Ion Ratio Lower Upper

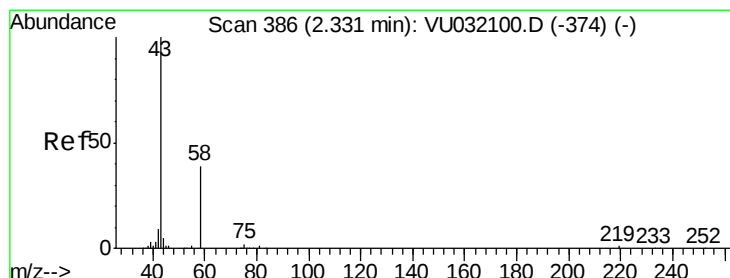
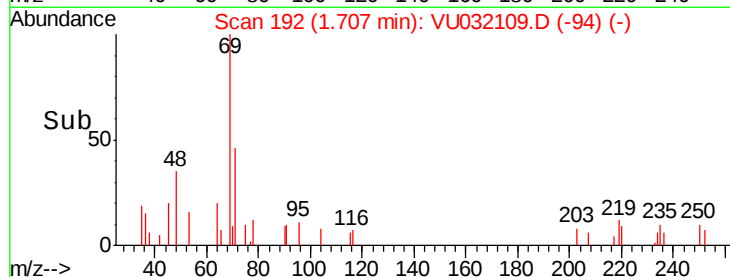
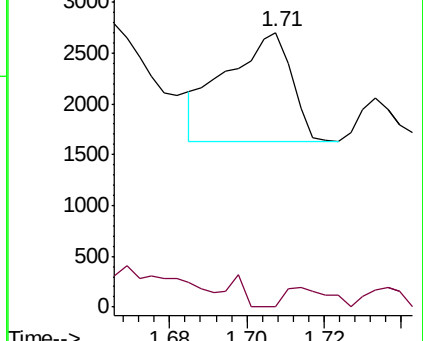
64 100

66 0.0 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032109.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU032109.D (-178) (-)



#13

Acetone

Concen: 2.793 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032109.D

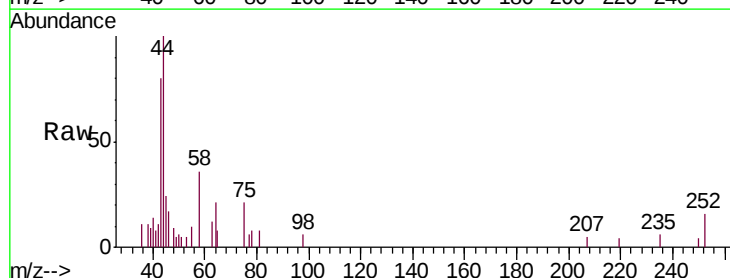
Acq: 17 May 2019 18:37

Tgt Ion: 43 Resp: 5649

Ion Ratio Lower Upper

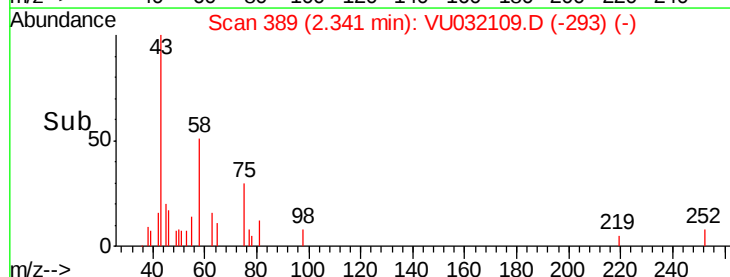
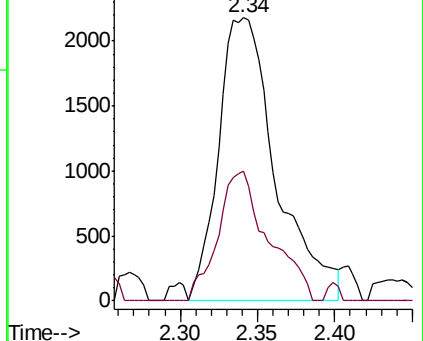
43 100

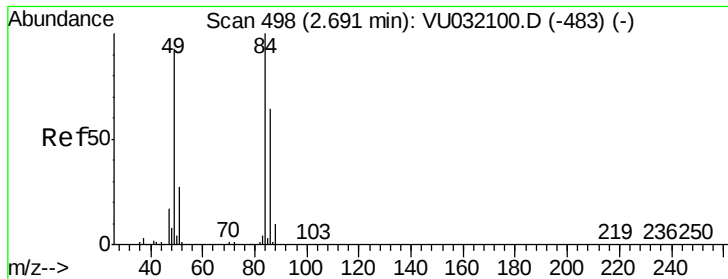
58 40.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032109.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032109.D (-374) (-)

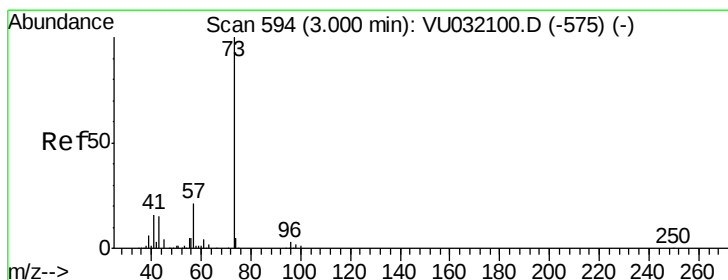
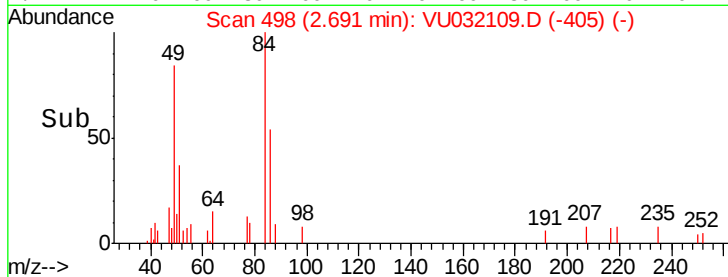
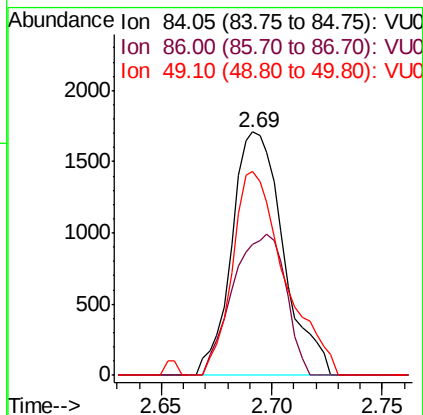
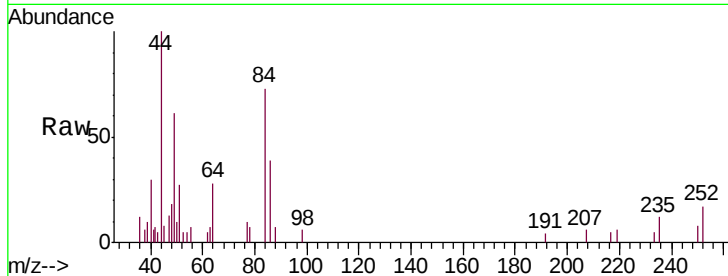




#16
Methylene chloride
Concen: 0.156 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU032109.D
Acq: 17 May 2019 18:37

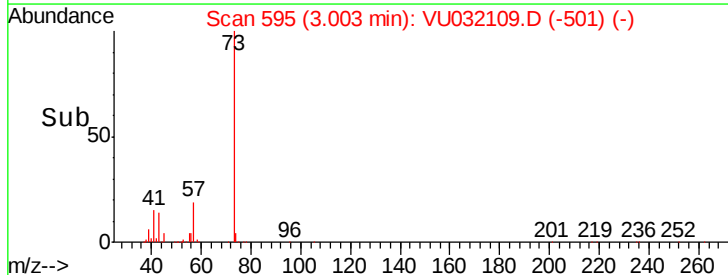
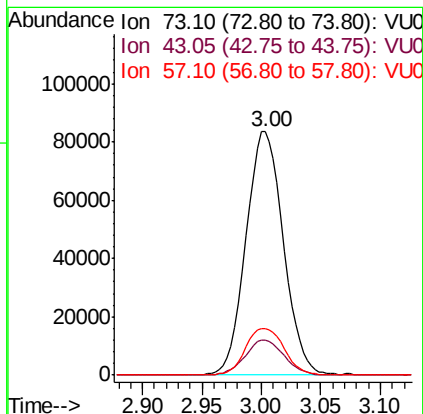
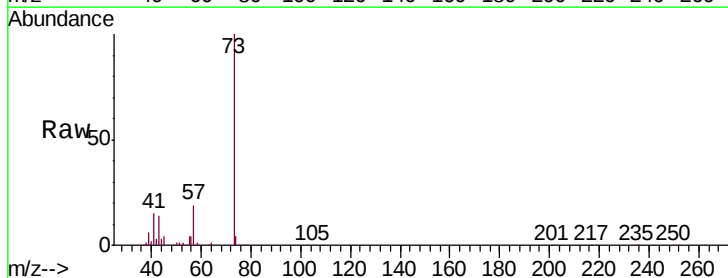
Instrument :
MSVOA_U
ClientSampleId :
F9W10DL

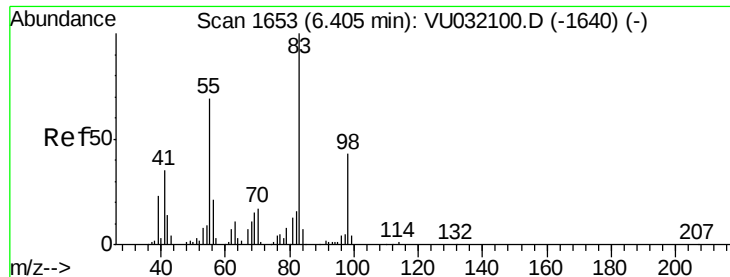
Tgt Ion: 84 Resp: 2780
Ion Ratio Lower Upper
84 100
86 53.7 43.1 80.1
49 83.7 67.7 125.7



#17
Methyl tert-butyl Ether
Concen: 5.182 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032109.D
Acq: 17 May 2019 18:37

Tgt Ion: 73 Resp: 182219
Ion Ratio Lower Upper
73 100
43 14.6 13.0 19.6
57 19.9 17.9 26.9

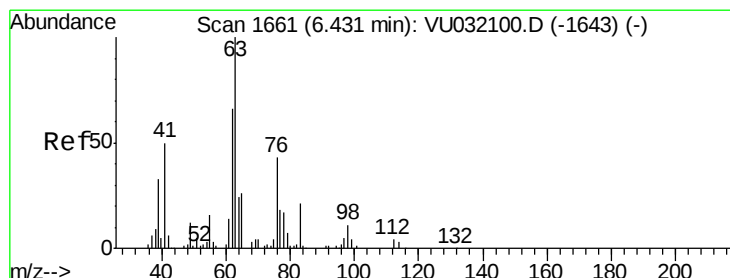
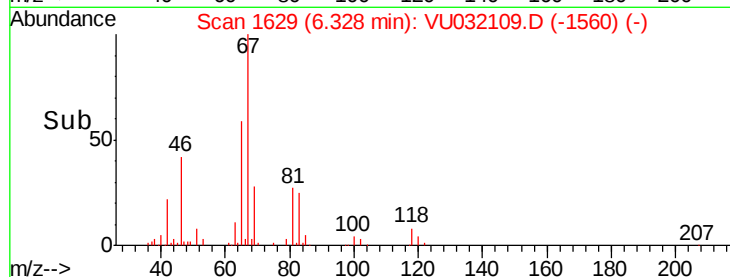
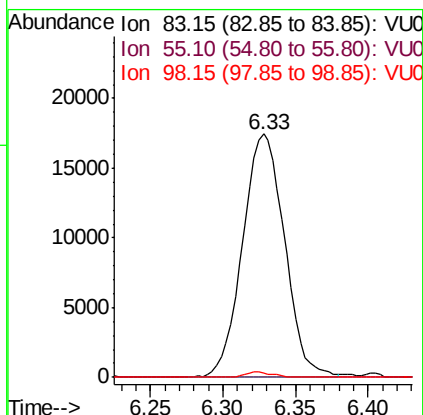
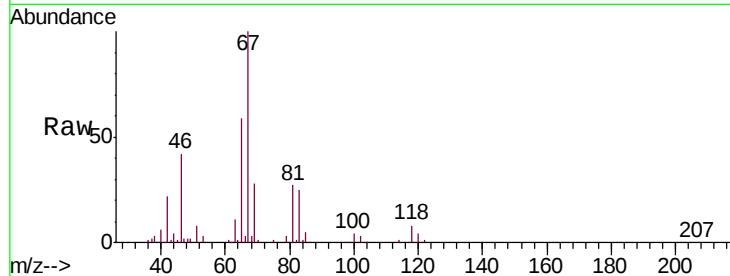




#35
Methylcyclohexane
Concen: 1.512 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032109.D
Acq: 17 May 2019 18:37

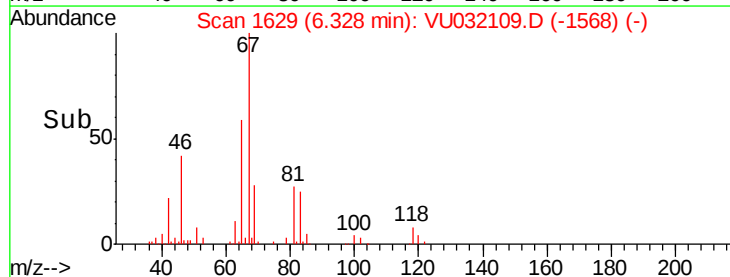
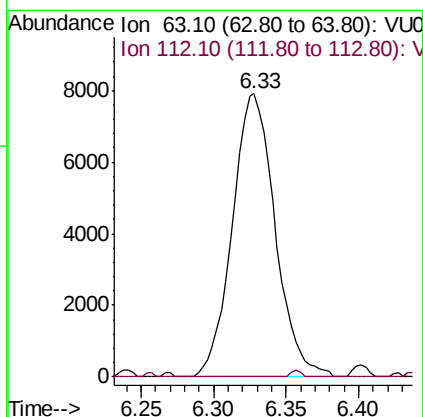
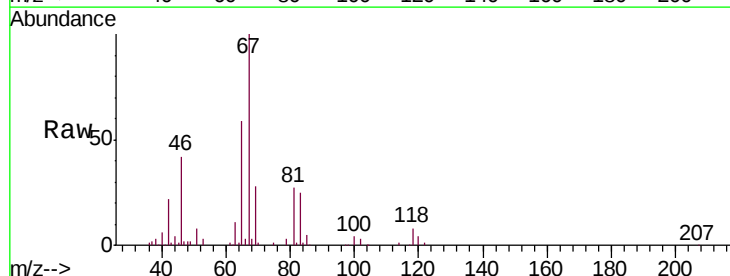
Instrument :
MSVOA_U
ClientSampleId :
F9W10DL

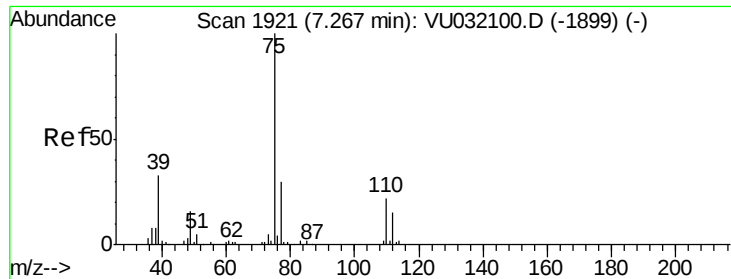
Tgt Ion: 83 Resp: 35196
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.4 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.112 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032109.D
Acq: 17 May 2019 18:37

Tgt Ion: 63 Resp: 16205
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032109.D

Acq: 17 May 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

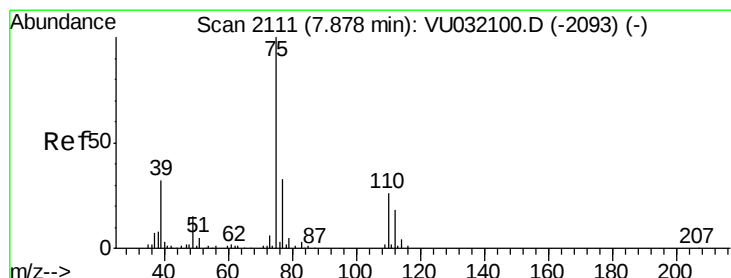
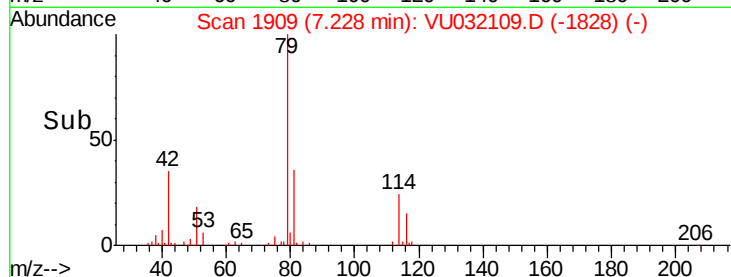
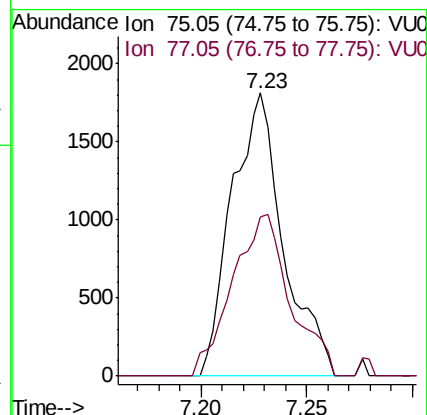
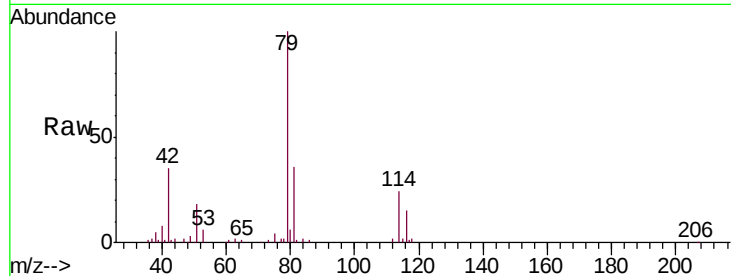
F9W10DL

Tgt Ion: 75 Resp: 3085

Ion Ratio Lower Upper

75 100

77 56.4 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032109.D

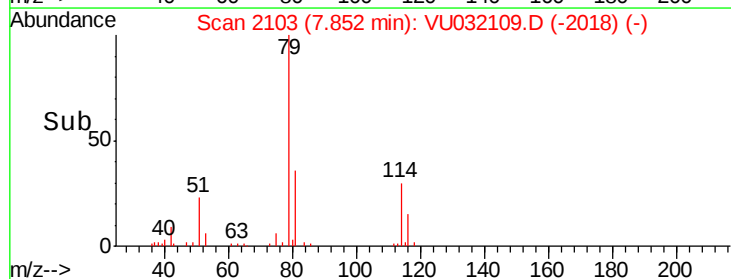
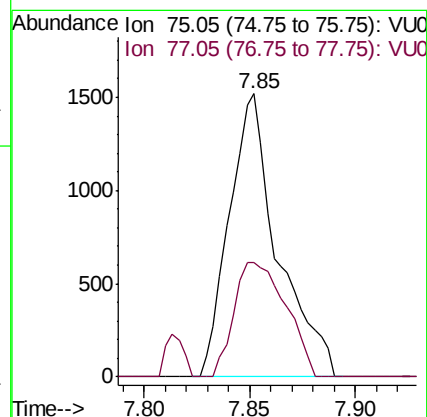
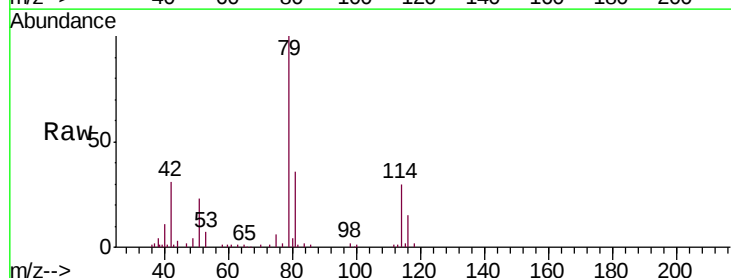
Acq: 17 May 2019 18:37

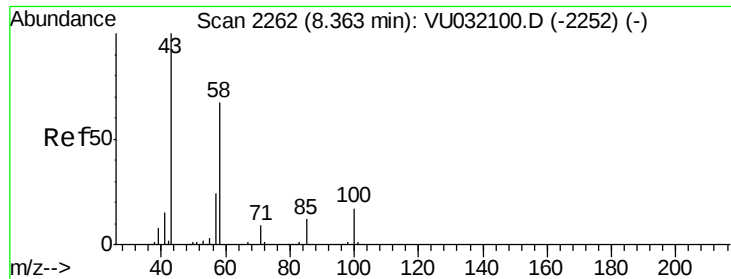
Tgt Ion: 75 Resp: 2419

Ion Ratio Lower Upper

75 100

77 40.4 21.0 39.0#

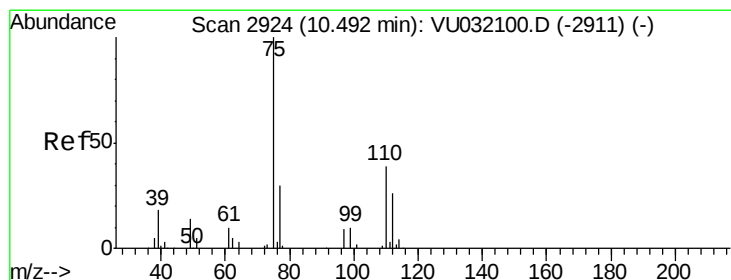
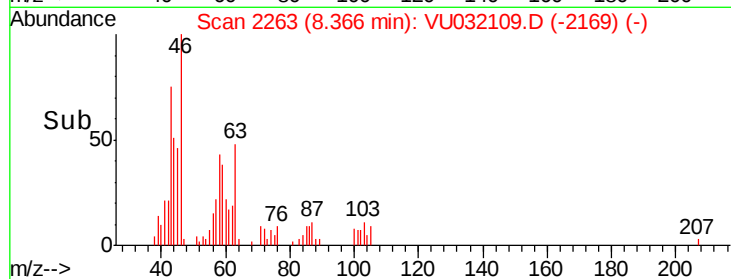
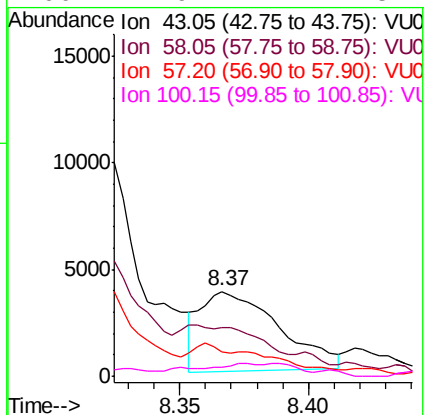
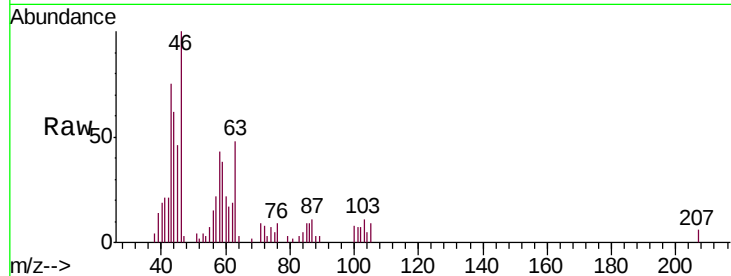




#48
 2-Hexanone
 Concen: 1.505 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032109.D
 Acq: 17 May 2019 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W10DL

Tgt Ion: 43 Resp: 7884
 Ion Ratio Lower Upper
 43 100
 58 39.3 51.6 77.4#
 57 5.6 18.4 27.6#
 100 1.9 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.663 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032109.D
 Acq: 17 May 2019 18:37

Tgt Ion: 75 Resp: 15388
 Ion Ratio Lower Upper
 75 100
 77 40.7 26.2 39.2#

