

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032846.D
 Acq On : 19 Jun 2019 10:22
 Operator : JC/SP
 Sample : K3413-25
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALH1

Quant Time: Jun 20 05:17:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29604	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	24682	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	47369	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.18	46	97870	55.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.42%
24) Chloroform-d	4.64	84	60420	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.30	65	35883	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.33	84	118466	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.32	67	38180	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	108407	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	15534	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.31	63	69511	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31733	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	46985	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

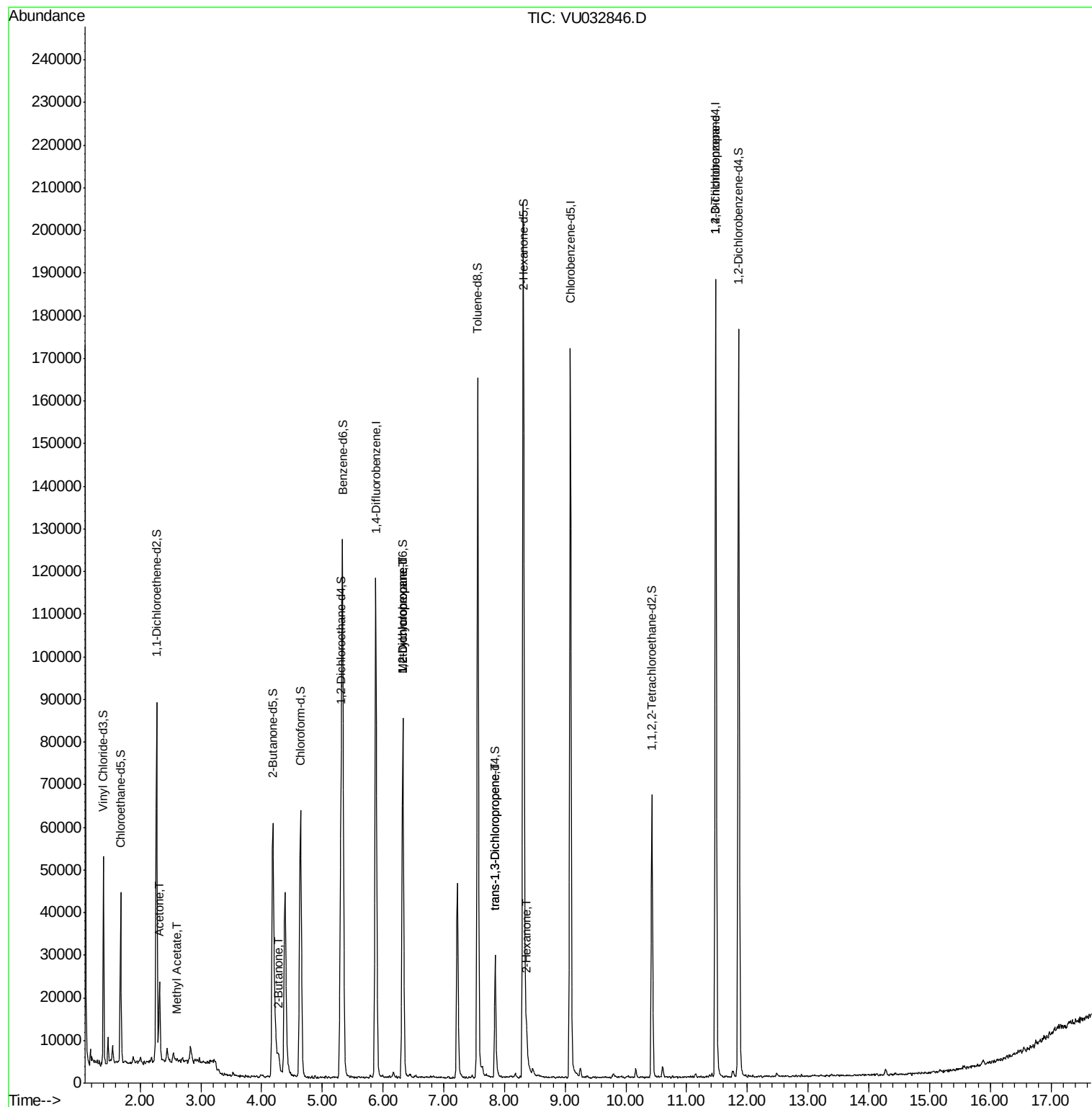
					Qvalue
13) Acetone	2.32	43	19115	14.019 ug/L	97
15) Methyl Acetate	2.62	43	617	0.165 ug/L #	53
21) 2-Butanone	4.28	43	5381	2.714 ug/L	94
35) Methylcyclohexane	6.32	83	9007	0.701 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4400	0.612 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	711	0.081 ug/L #	71
48) 2-Hexanone	8.37	43	5386	1.473 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	6377	1.351 ug/L	89

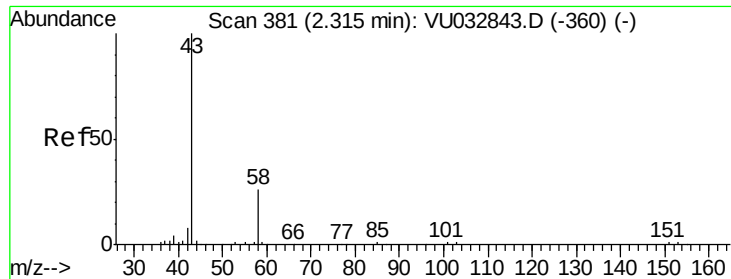
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.019 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032846.D

Acq: 19 Jun 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

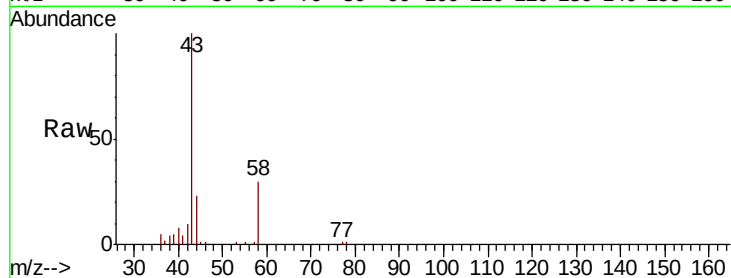
GALH1

Tgt Ion: 43 Resp: 19115

Ion Ratio Lower Upper

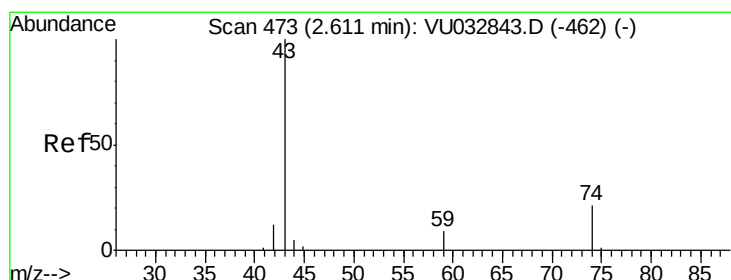
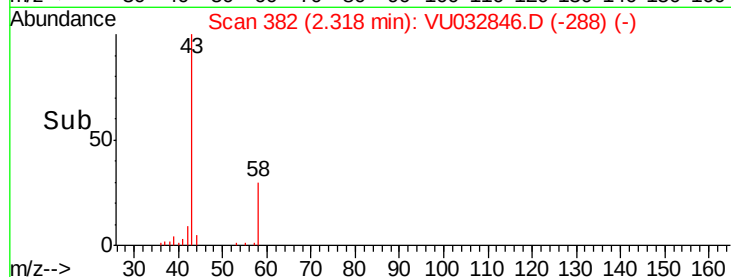
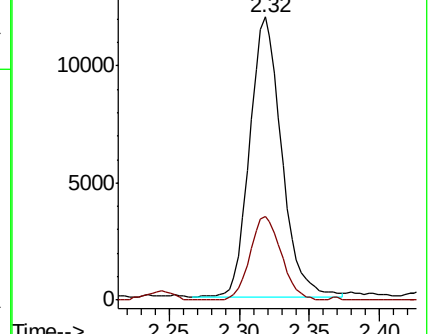
43 100

58 29.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.165 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032846.D

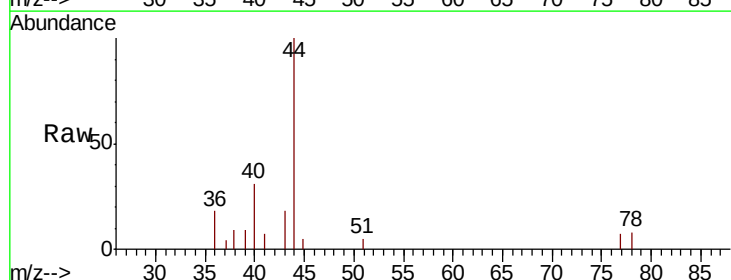
Acq: 19 Jun 2019 10:22

Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

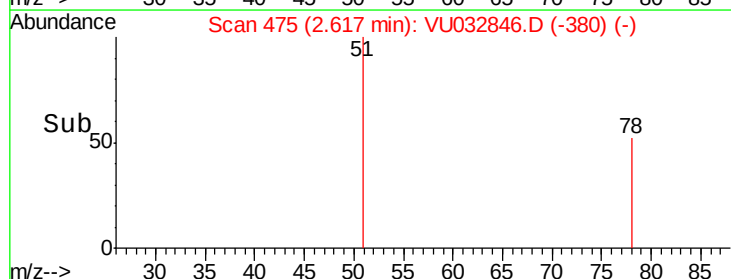
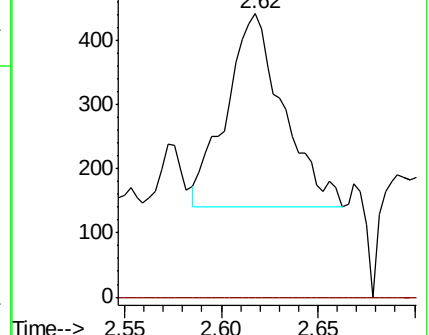
43 100

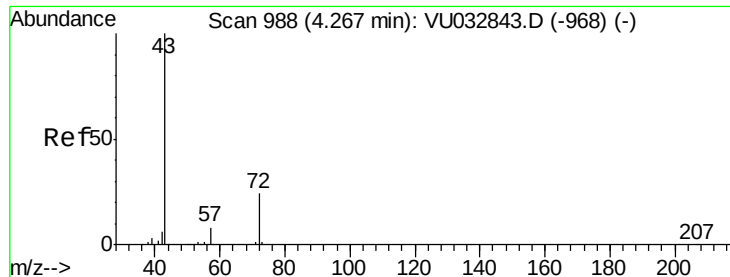
74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#21

2-Butanone

Concen: 2.714 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU032846.D

Acq: 19 Jun 2019 10:22

Instrument :

MSVOA_U

ClientSampled :

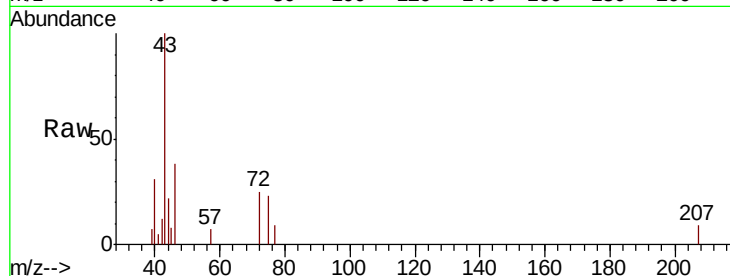
GALH1

Tgt Ion: 43 Resp: 5381

Ion Ratio Lower Upper

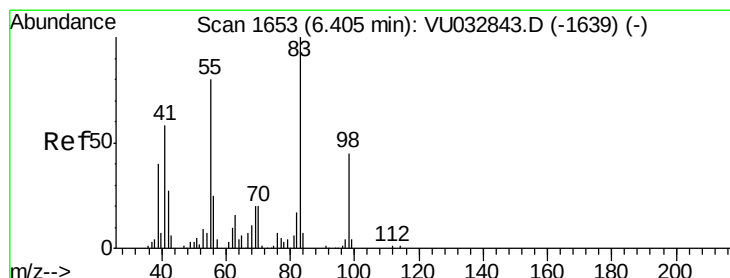
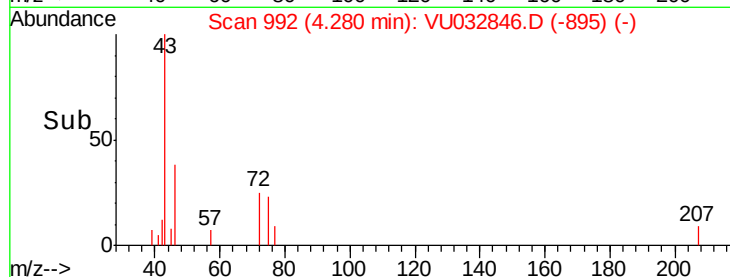
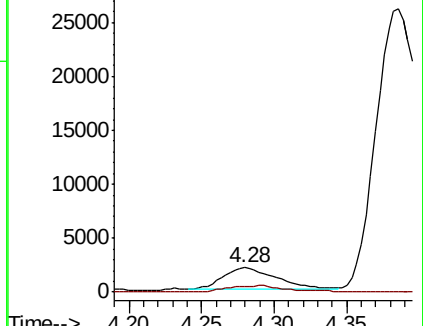
43 100

72 29.4 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU032843.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU032843.D (-968) (-)



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032846.D

Acq: 19 Jun 2019 10:22

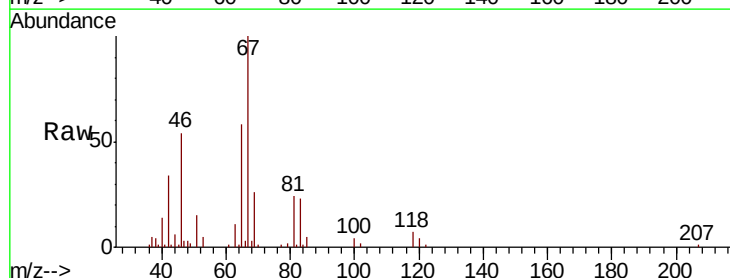
Tgt Ion: 83 Resp: 9007

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

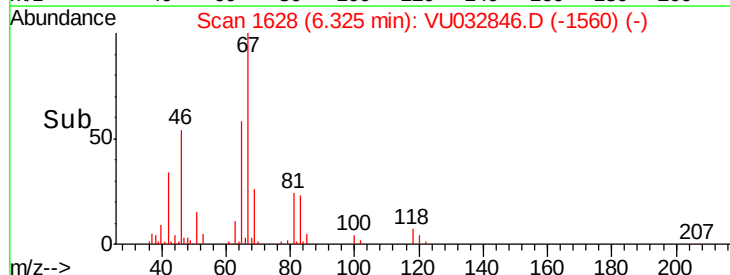
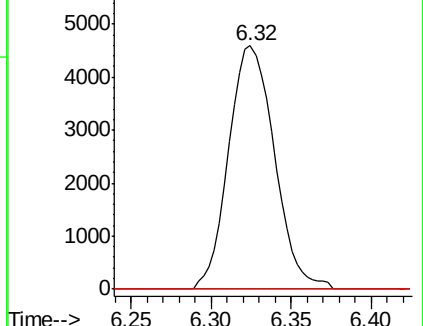
98 0.3 37.8 56.8#

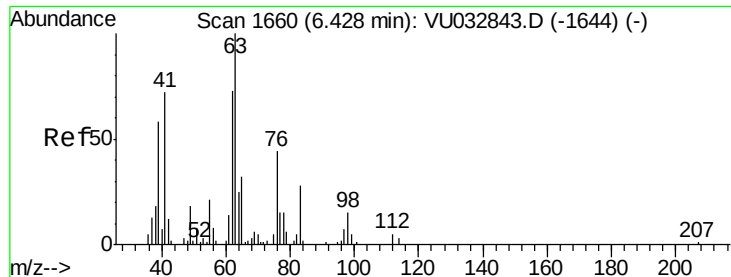


Abundance Ion 83.15 (82.85 to 83.85): VU032843.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU032843.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU032843.D (-1639) (-)

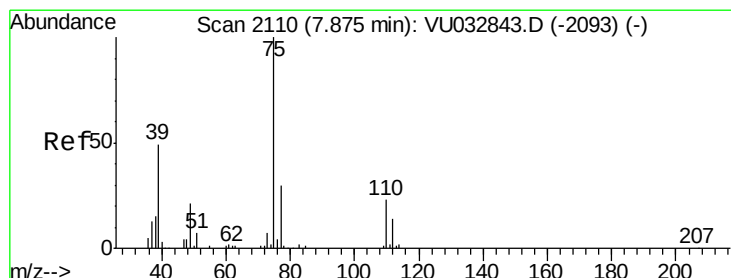
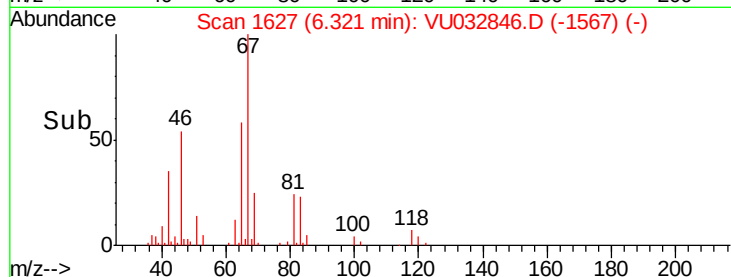
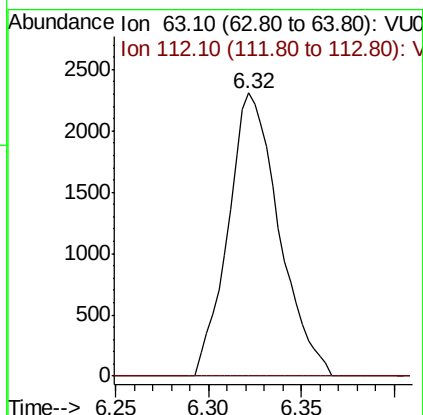
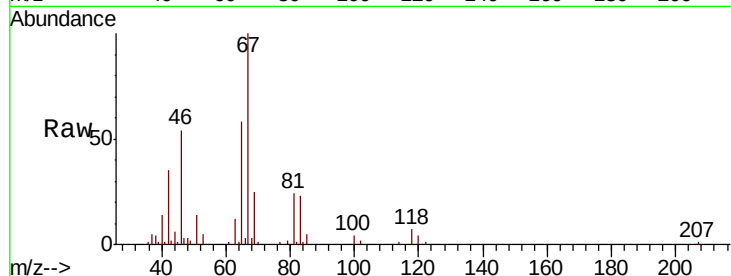




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032846.D
 Acq: 19 Jun 2019 10:22

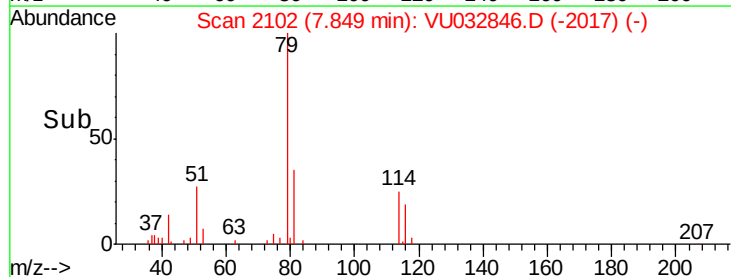
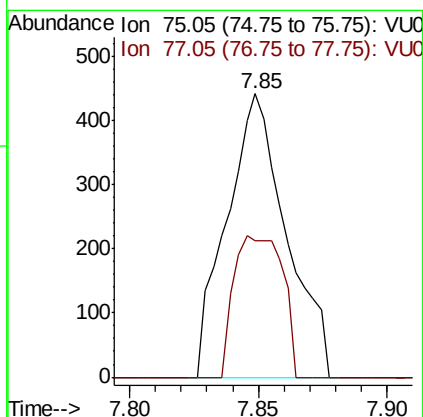
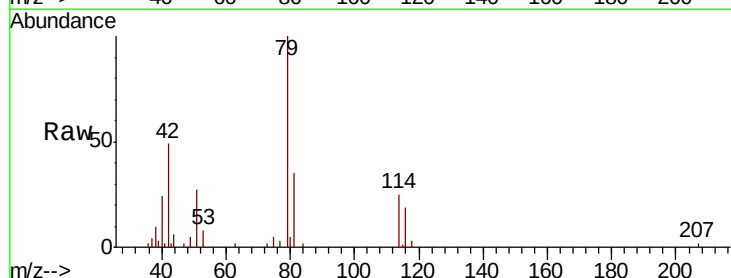
Instrument :
 MSVOA_U
 ClientSampled :
 GALH1

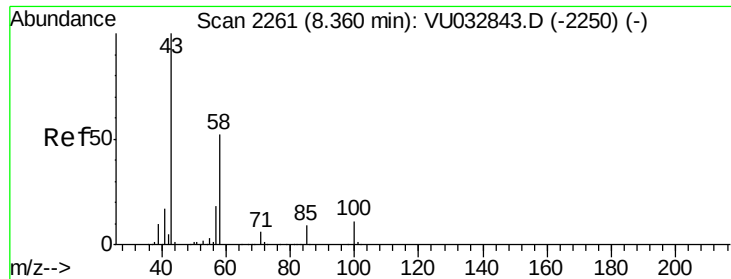
Tgt Ion: 63 Resp: 4400
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032846.D
 Acq: 19 Jun 2019 10:22

Tgt Ion: 75 Resp: 711
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.5 41.7#

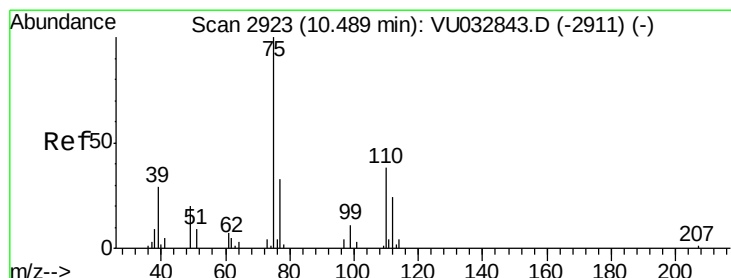
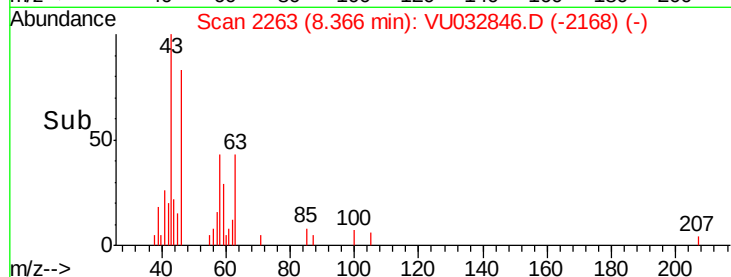
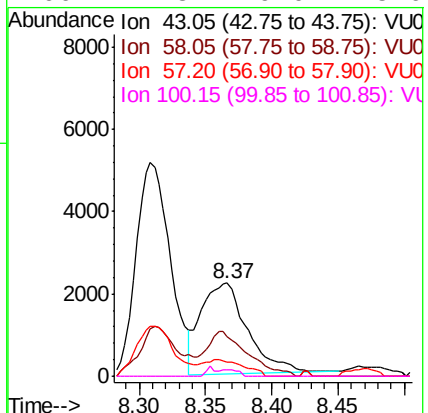
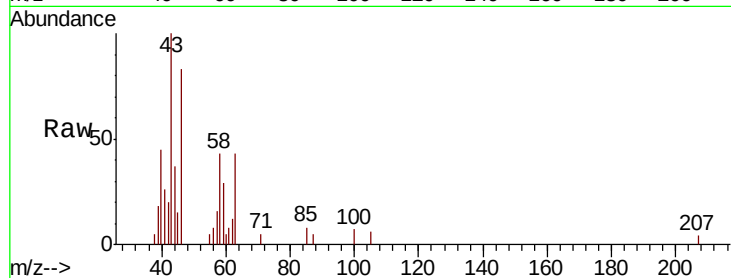




#48
 2-Hexanone
 Concen: 1.473 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032846.D
 Acq: 19 Jun 2019 10:22

Instrument :
 MSVOA_U
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 GALH1

Tgt Ion: 43 Resp: 5386
 Ion Ratio Lower Upper
 43 100
 58 42.8 41.9 62.9
 57 15.7 15.1 22.7
 100 2.3 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.351 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU032846.D
 Acq: 19 Jun 2019 10:22

Tgt Ion: 75 Resp: 6377
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.3 37.9

