

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032875.D
 Acq On : 19 Jun 2019 22:06
 Operator : JC/SP
 Sample : K3413-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF8

Quant Time: Jun 20 07:29:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	98368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29723	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	25390	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	48722	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	110816	62.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.16%
24) Chloroform-d	4.64	84	65081	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.31	65	38554	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.33	84	124294	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.32	67	40953	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.56	98	111715	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	15783	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	82595	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34874	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	48531	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

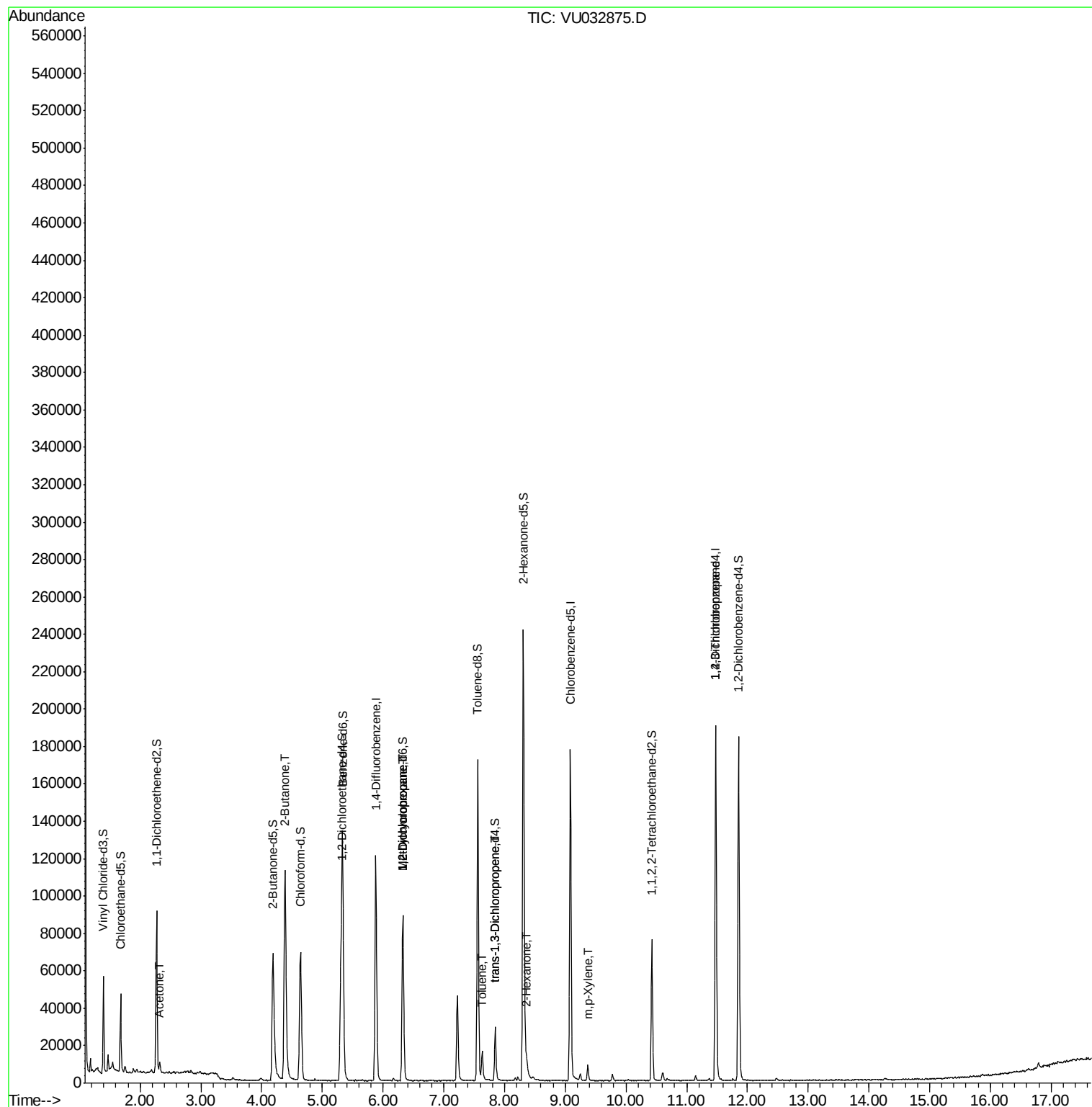
					Qvalue
13) Acetone	2.32	43	4631	3.343 ug/L	97
21) 2-Butanone	4.39	43	166395	82.584 ug/L #	49
35) Methylcyclohexane	6.32	83	9356	0.711 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4960	0.674 ug/L #	89
42) Toluene	7.63	91	11658	0.368 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	760	0.084 ug/L #	73
48) 2-Hexanone	8.37	43	5090	1.360 ug/L #	75
53) m,p-Xylene	9.37	106	2526	0.191 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	6505	1.346 ug/L	90

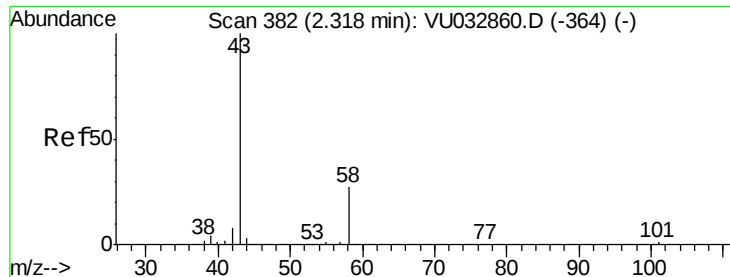
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.343 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032875.D

Acq: 19 Jun 2019 22:06

Instrument :

MSVOA_U

ClientSampleId :

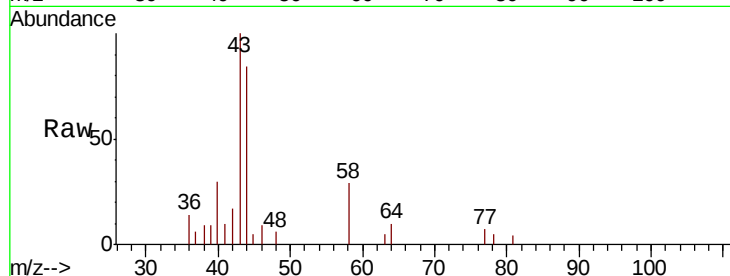
GALF8

Tgt Ion: 43 Resp: 4631

Ion Ratio Lower Upper

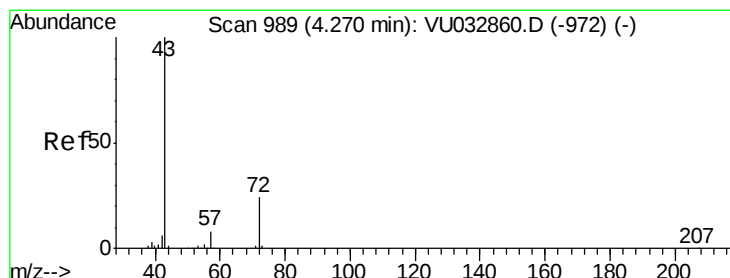
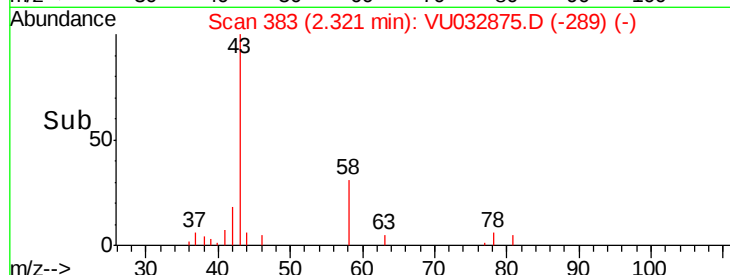
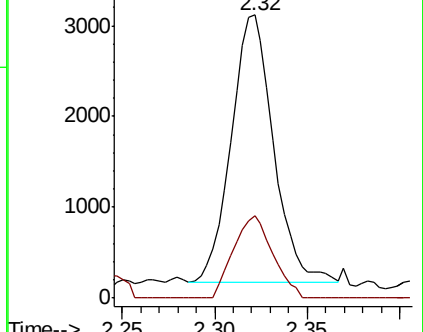
43 100

58 28.8 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-364) (-)

Ion 58.05 (57.75 to 58.75): VU032860.D (-364) (-)



#21

2-Butanone

Concen: 82.584 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU032875.D

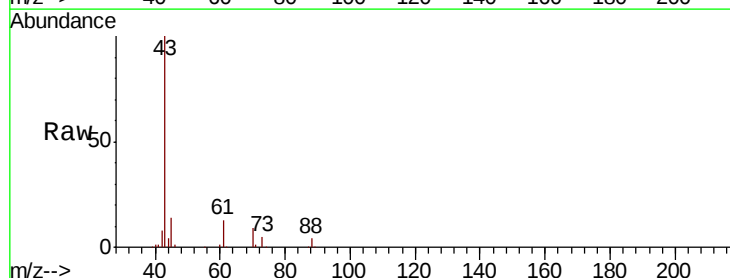
Acq: 19 Jun 2019 22:06

Tgt Ion: 43 Resp: 166395

Ion Ratio Lower Upper

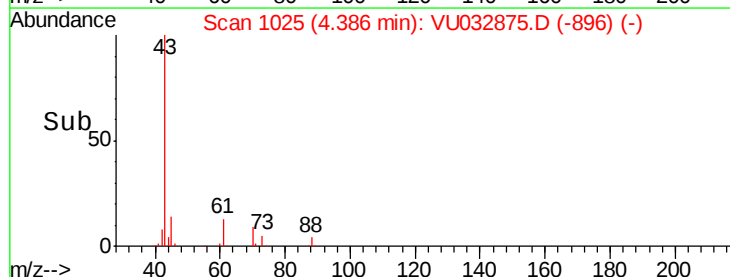
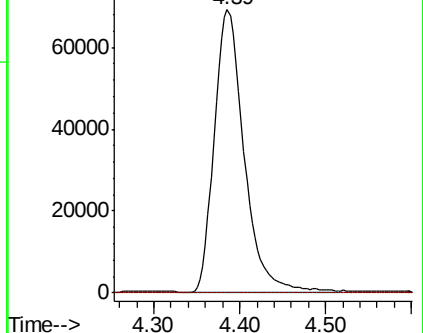
43 100

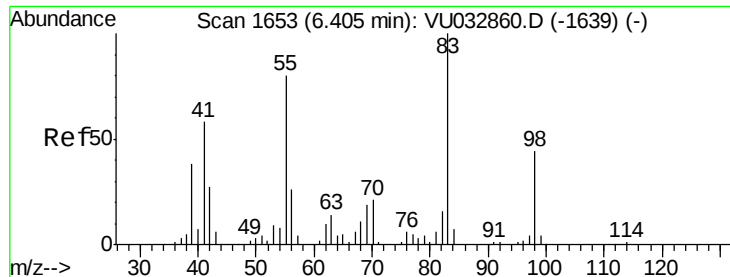
72 0.1 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU032860.D (-972) (-)

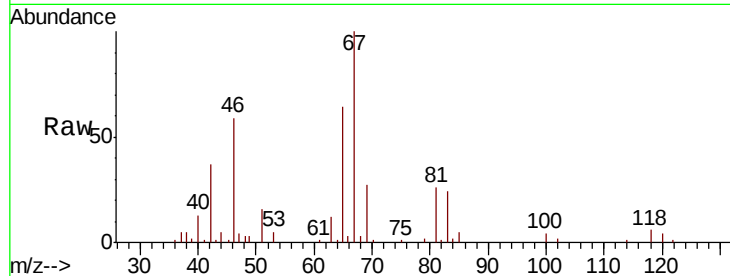




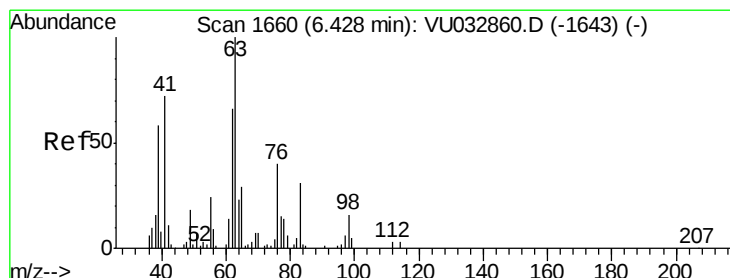
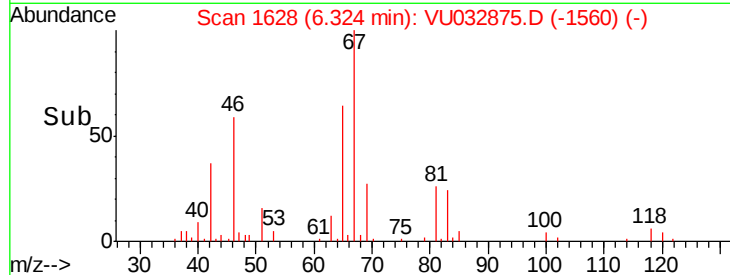
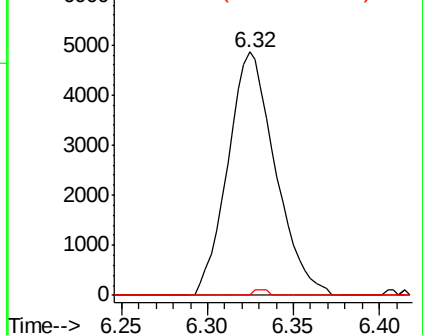
#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032875.D
Acq: 19 Jun 2019 22:06

Instrument :
MSVOA_U
ClientSampleId :
GALF8

Tgt Ion: 83 Resp: 9356
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.7 37.8 56.8#

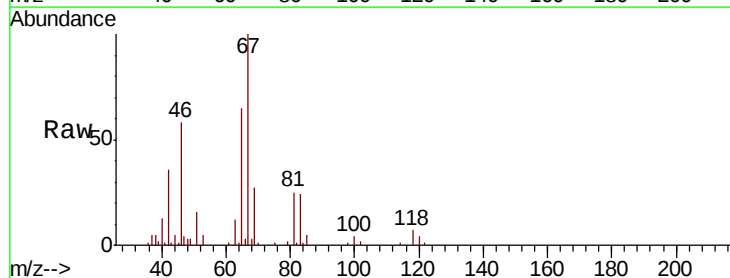


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

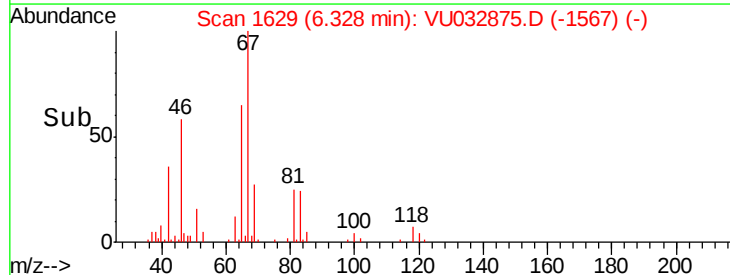
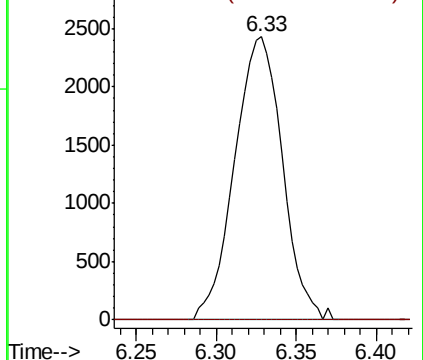


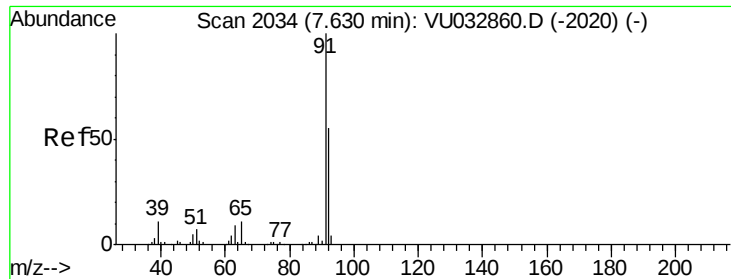
#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032875.D
Acq: 19 Jun 2019 22:06

Tgt Ion: 63 Resp: 4960
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.368 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032875.D

Acq: 19 Jun 2019 22:06

Instrument :

MSVOA_U

ClientSampleId :

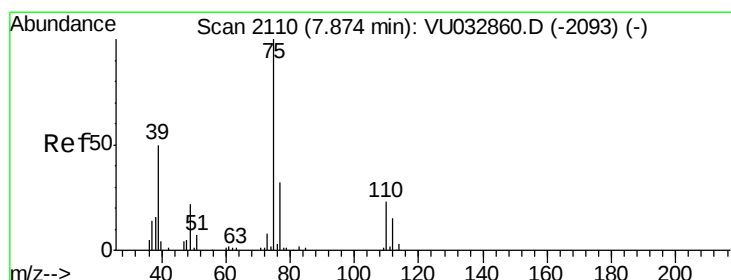
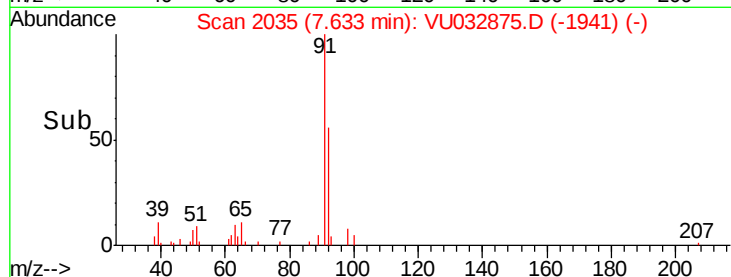
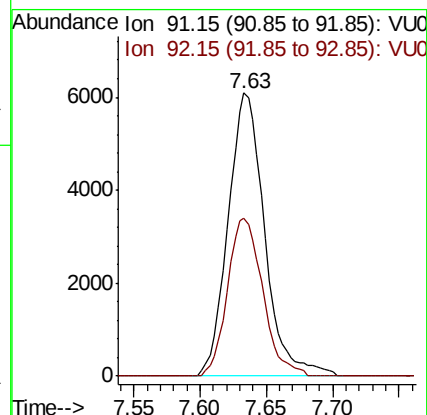
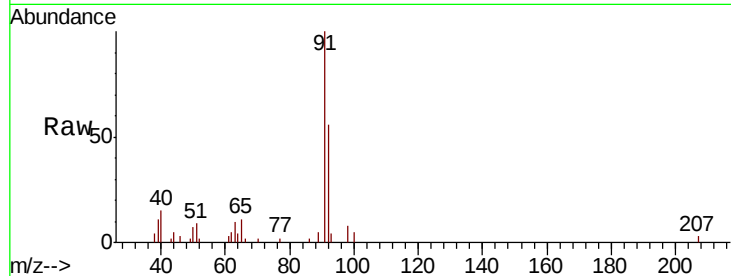
GALF8

Tgt Ion: 91 Resp: 11658

Ion Ratio Lower Upper

91 100

92 55.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU032875.D

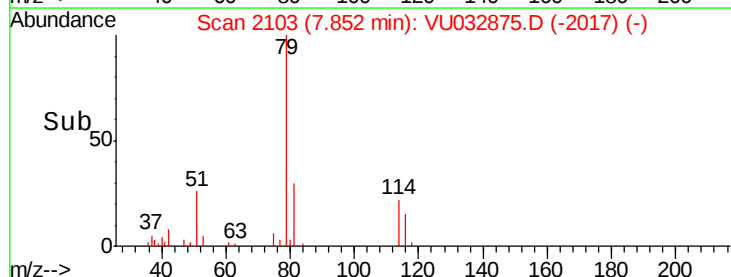
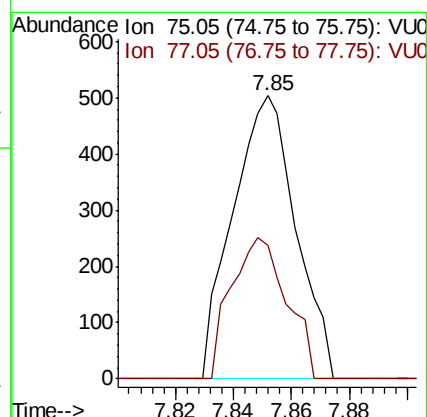
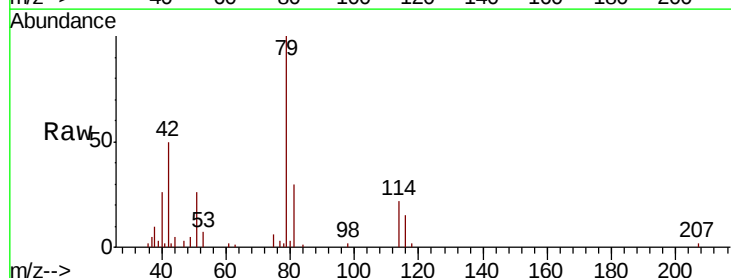
Acq: 19 Jun 2019 22:06

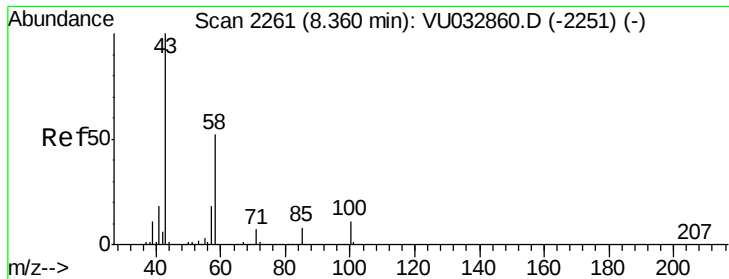
Tgt Ion: 75 Resp: 760

Ion Ratio Lower Upper

75 100

77 47.1 22.5 41.7#

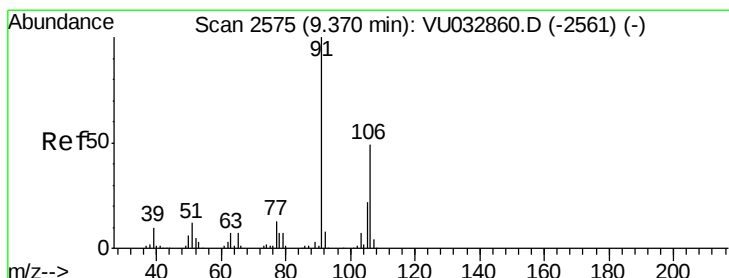
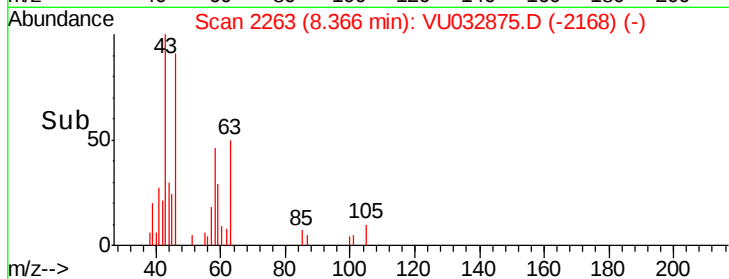
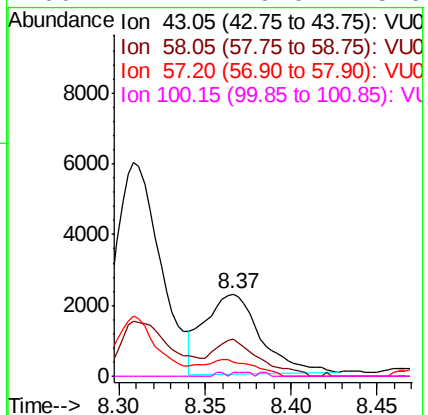
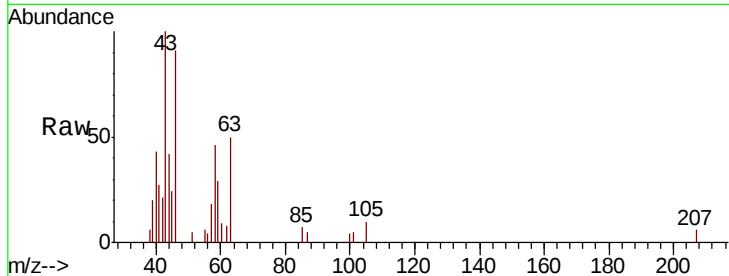




#48
2-Hexanone
Concen: 1.360 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032875.D
Acq: 19 Jun 2019 22:06

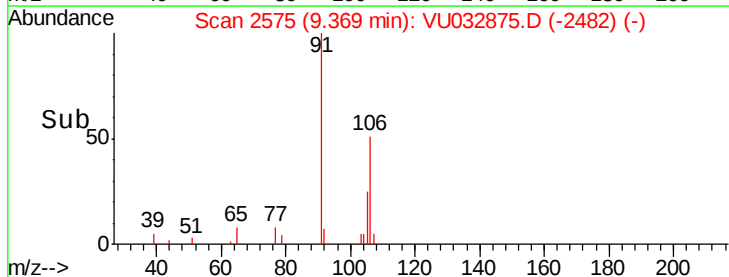
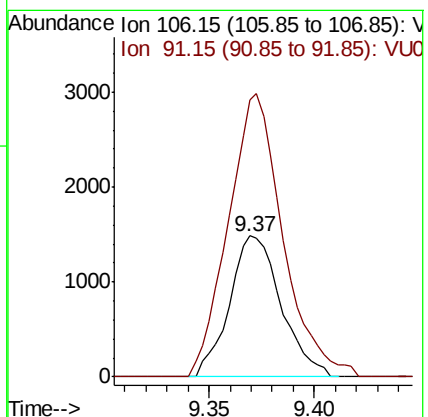
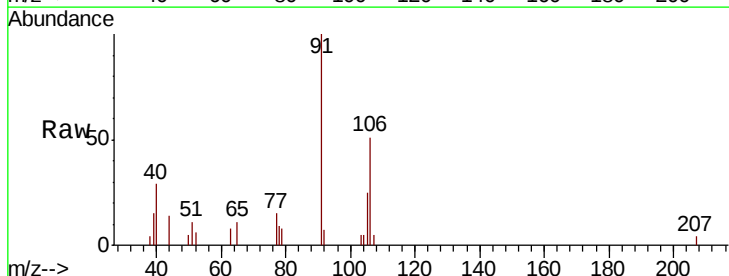
Instrument :
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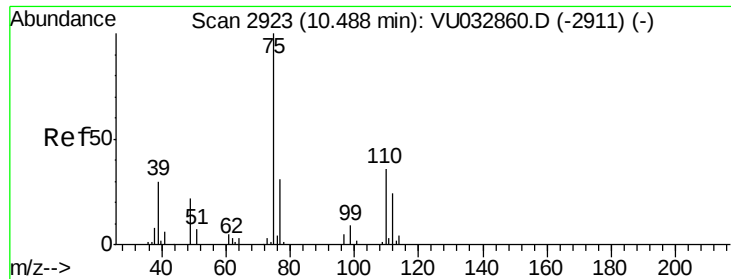
Tgt Ion: 43 Resp: 5090
Ion Ratio Lower Upper
43 100
58 39.0 41.9 62.9#
57 0.0 15.1 22.7#
100 1.7 9.0 13.6#



#53
m,p-Xylene
Concen: 0.191 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032875.D
Acq: 19 Jun 2019 22:06

Tgt Ion: 106 Resp: 2526
Ion Ratio Lower Upper
106 100
91 196.2 142.4 264.4





#59
 1,2,3-Trichloropropane
 Concen: 1.346 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032875.D
 Acq: 19 Jun 2019 22:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF8

Tgt Ion: 75 Resp: 6505
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.3 37.9

