

Data File : VU032918.D
Acq On : 20 Jun 2019 22:27
Operator : JC/SP
Sample : K3413-08DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF6DL

Quant Time: Jun 21 07:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22125	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.68	69	20065	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.27	63	36912	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.19	46	96626	62.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.82%
24) Chloroform-d	4.64	84	53977	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.31	65	32652	6.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.80%
32) Benzene-d6	5.33	84	97134	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.32	67	32434	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.56	98	85972	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	13143	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.31	63	69102	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31190	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	37724	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

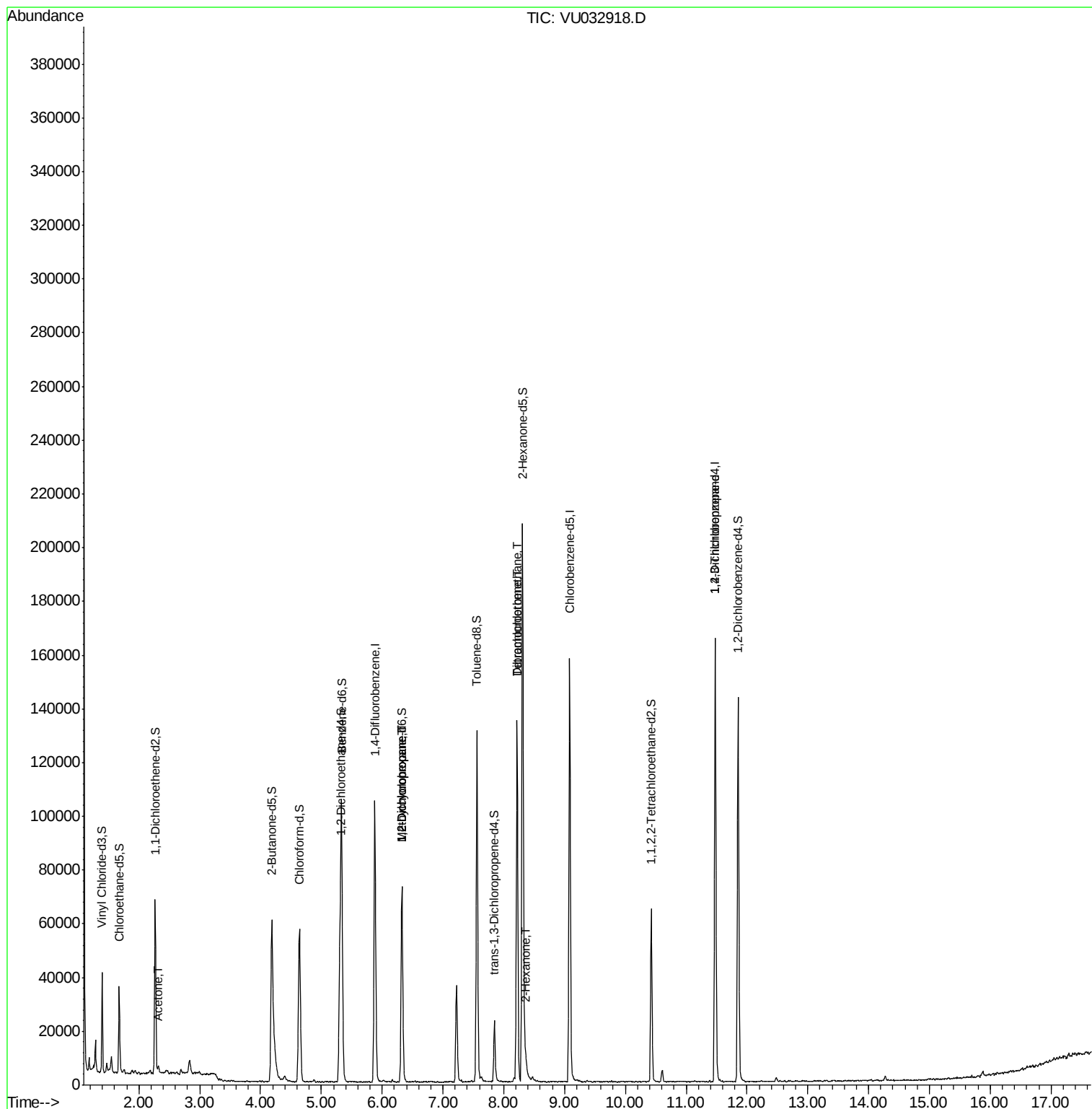
					Qvalue
13) Acetone	2.32	43	2768	2.322 ug/L	99
35) Methylcyclohexane	6.32	83	7867	0.688 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3885	0.608 ug/L #	89
47) Tetrachloroethene	8.22	164	28753	5.141 ug/L	96
48) 2-Hexanone	8.36	43	3477	1.070 ug/L #	83
49) Dibromochloromethane	8.22	129	26458	4.448 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5448	1.298 ug/L	91

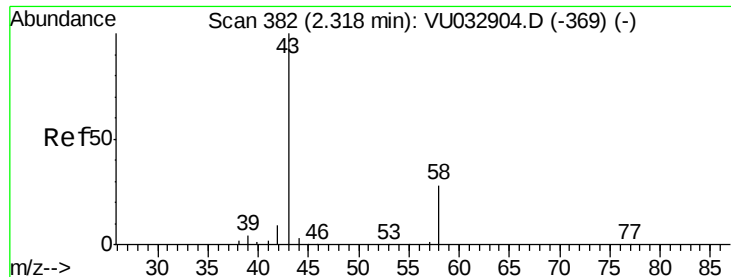
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.322 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032918.D

Acq: 20 Jun 2019 22:27

Instrument :

MSVOA_U

ClientSampleId :

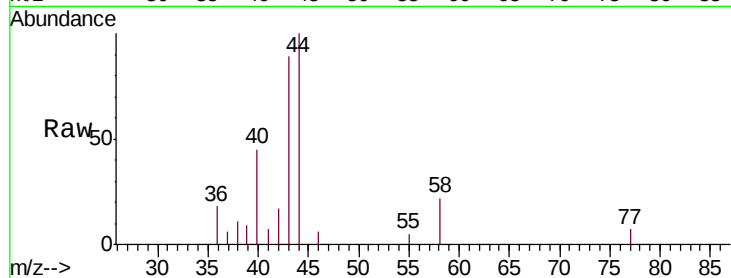
GALF6DL

Tgt Ion: 43 Resp: 2768

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032918.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032918.D (-289) (-)

2000

1500

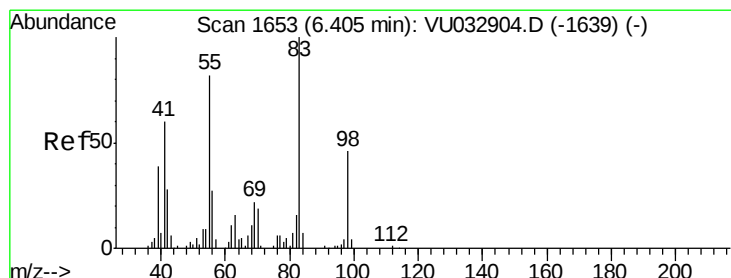
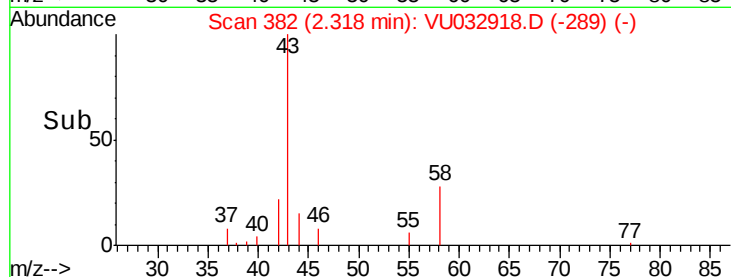
1000

500

0

2.25 2.30 2.35 2.40

Time-->



#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032918.D

Acq: 20 Jun 2019 22:27

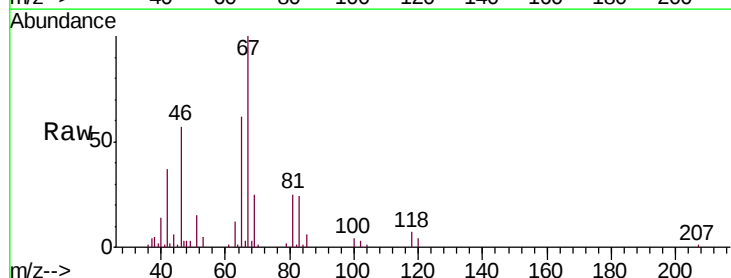
Tgt Ion: 83 Resp: 7867

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.5 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032918.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032918.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032918.D (-1560) (-)

5000

4000

3000

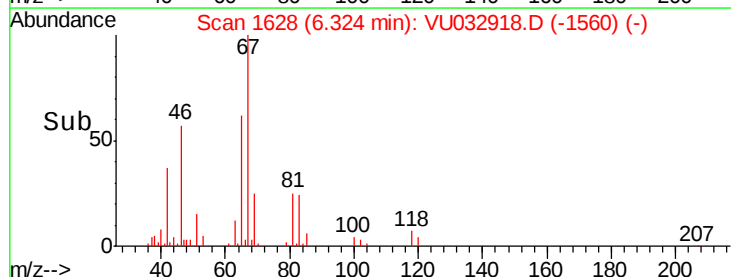
2000

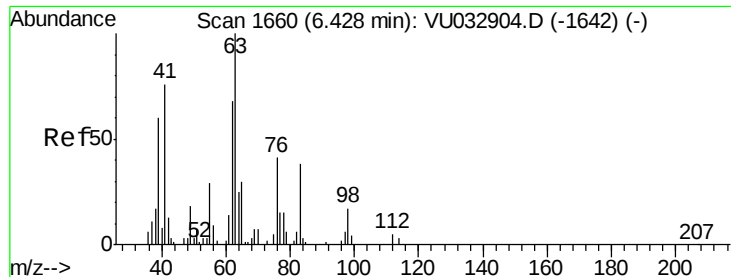
1000

0

6.25 6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032918.D

Acq: 20 Jun 2019 22:27

Instrument :

MSVOA_U

ClientSampleId :

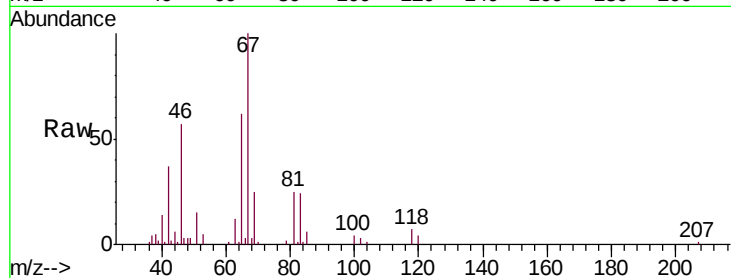
GALF6DL

Tgt Ion: 63 Resp: 3885

Ion Ratio Lower Upper

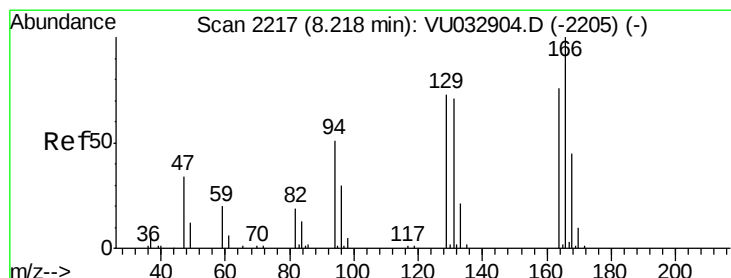
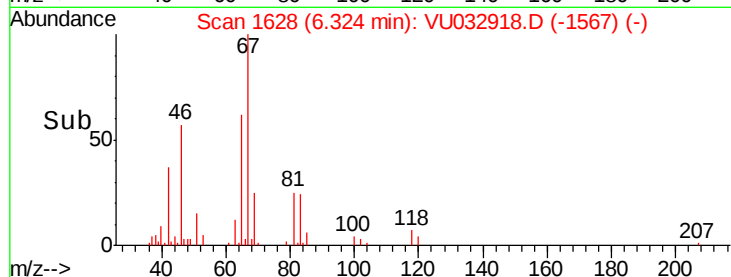
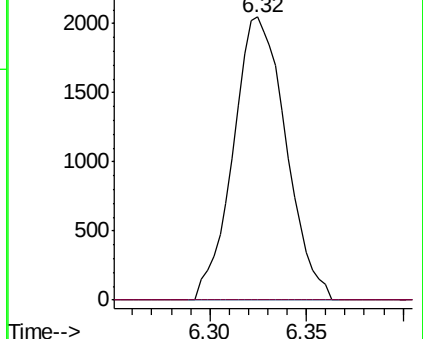
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032918.D (-1628) (-)

Ion 112.10 (111.80 to 112.80): VU032918.D (-1628) (-)



#47

Tetrachloroethene

Concen: 5.141 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032918.D

Acq: 20 Jun 2019 22:27

Tgt Ion: 164 Resp: 28753

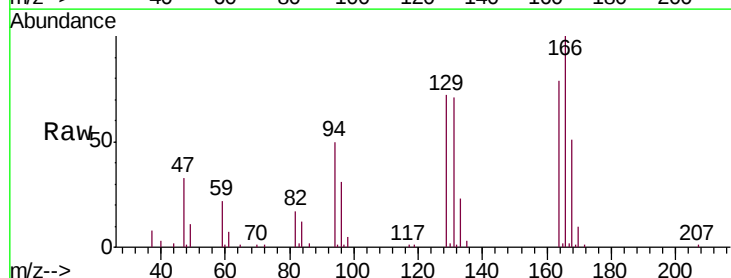
Ion Ratio Lower Upper

164 100

129 91.7 66.1 122.7

131 90.6 65.6 121.8

166 126.9 93.2 173.2

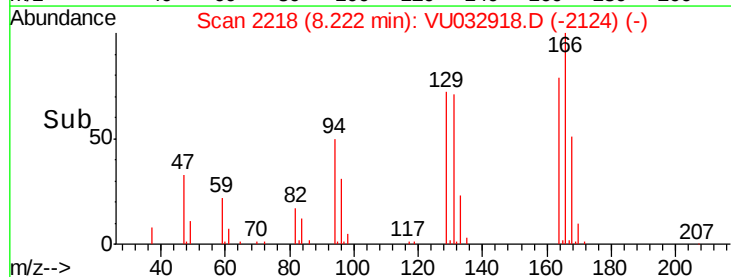
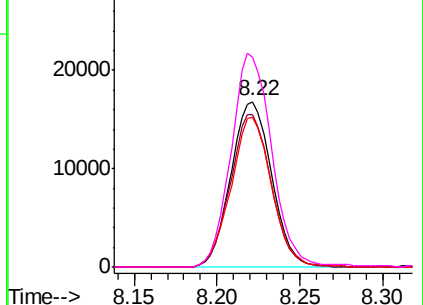


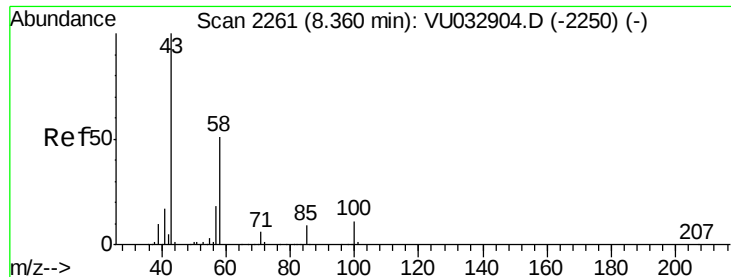
Abundance Ion 163.90 (163.60 to 164.60): VU032918.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU032918.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU032918.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU032918.D (-2218) (-)

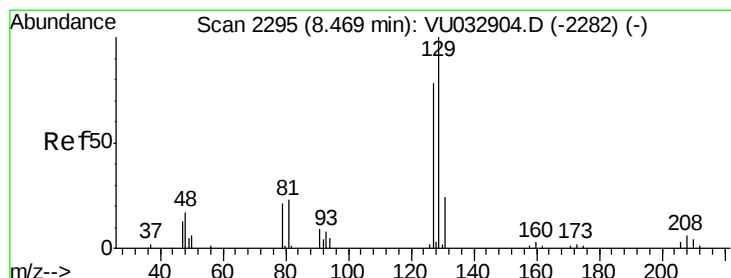
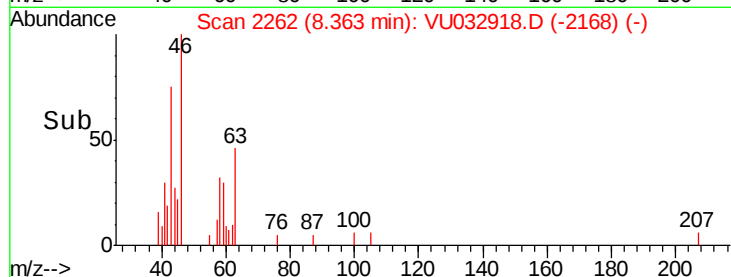
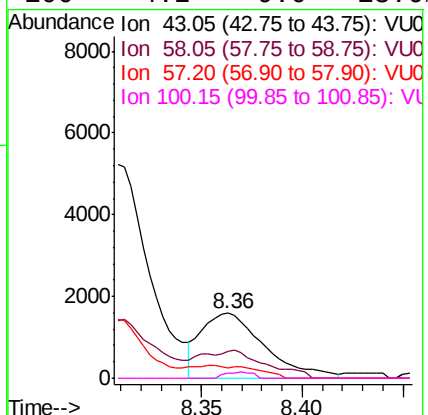
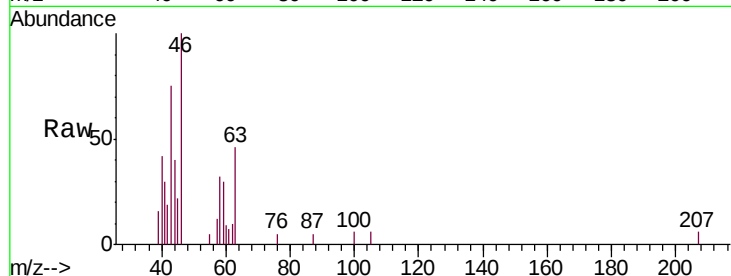




#48
2-Hexanone
Concen: 1.070 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032918.D
Acq: 20 Jun 2019 22:27

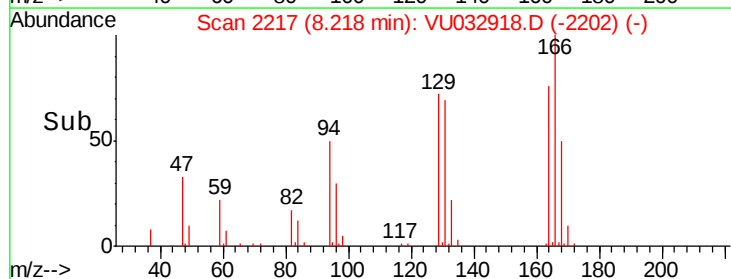
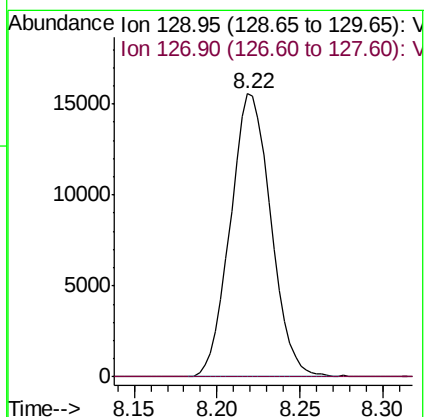
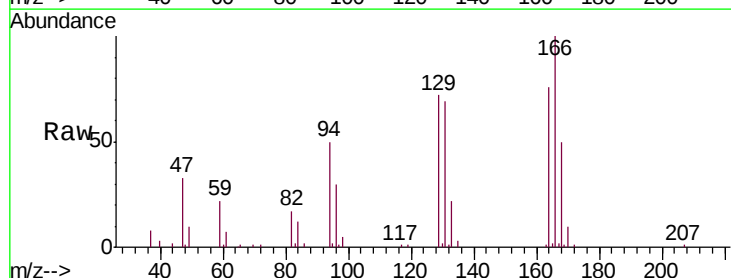
Instrument :
MSVOA_U
ClientSampleId :
GALF6DL

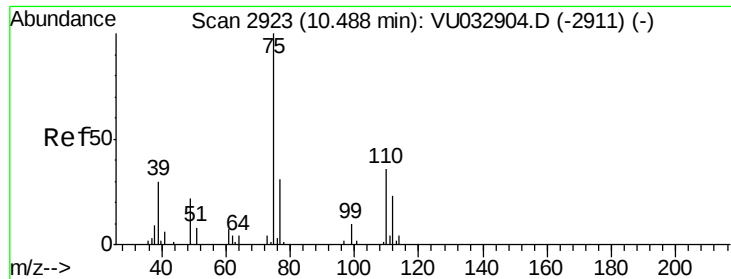
Tgt Ion: 43 Resp: 3477
Ion Ratio Lower Upper
43 100
58 45.4 41.9 62.9
57 3.4 15.1 22.7#
100 4.2 9.0 13.6#



#49
Dibromochloromethane
Concen: 4.448 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU032918.D
Acq: 20 Jun 2019 22:27

Tgt Ion: 129 Resp: 26458
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#





#59

1,2,3-Trichloropropane

Concen: 1.298 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032918.D

Acq: 20 Jun 2019 22:27

Instrument :

MSVOA_U

ClientSampleId :

GALF6DL

Tgt Ion: 75 Resp: 5448

Ion Ratio Lower Upper

75 100

77 36.7 25.3 37.9

