

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032874.D
 Acq On : 19 Jun 2019 21:42
 Operator : JC/SP
 Sample : K3413-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF6

Quant Time: Jun 20 07:29:18 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	94398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28975	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	24538	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	47026	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.18	46	106239	62.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.04%
24) Chloroform-d	4.64	84	62347	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.31	65	36393	6.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.80%
32) Benzene-d6	5.33	84	119727	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.32	67	39334	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	106934	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	15248	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.31	63	78036	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33984	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45481	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

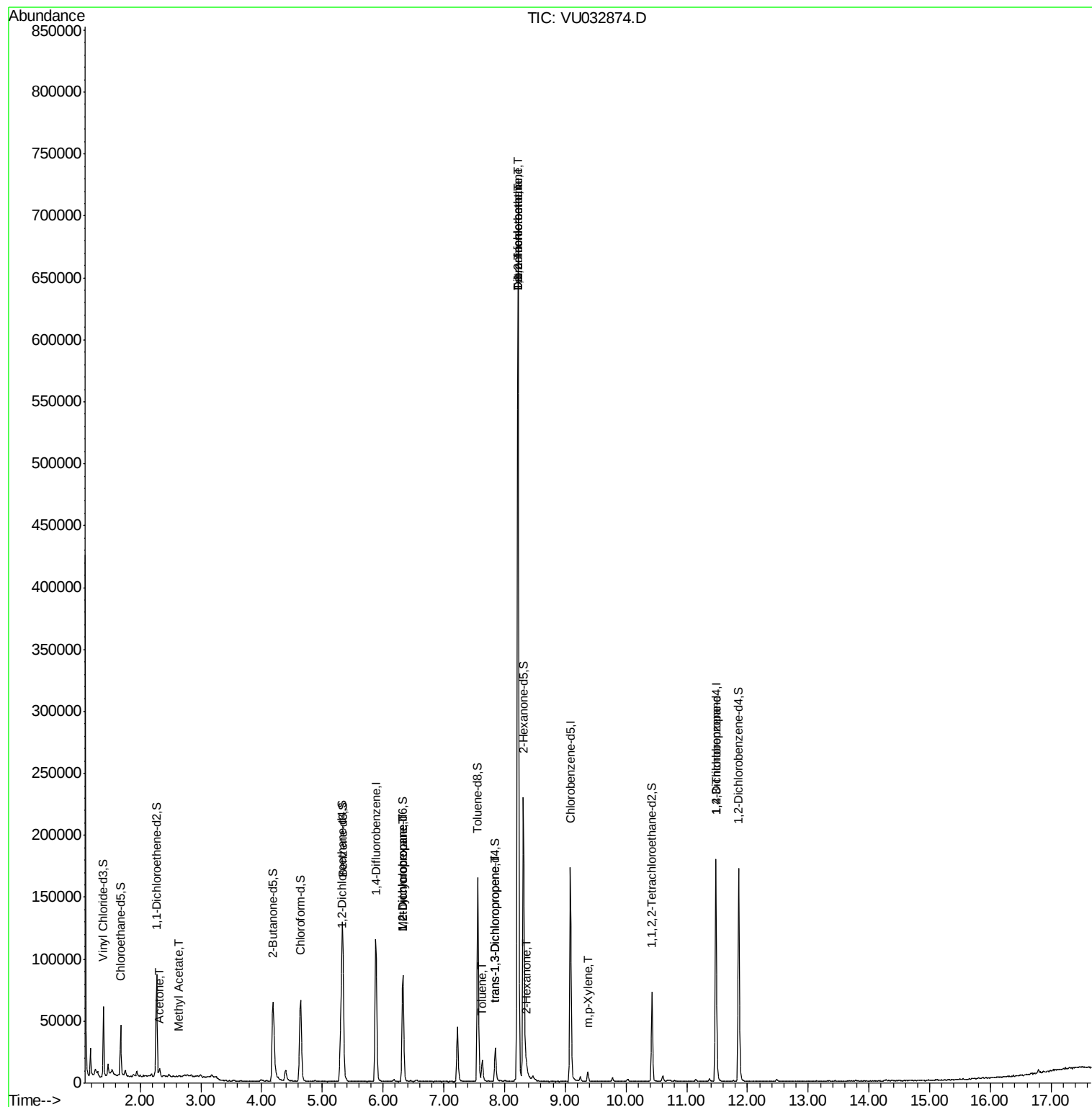
					Qvalue
13) Acetone	2.32	43	5931	4.461 ug/L	92
15) Methyl Acetate	2.62	43	493	0.135 ug/L #	53
35) Methylcyclohexane	6.32	83	9421	0.749 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	4776	0.679 ug/L #	89
42) Toluene	7.63	91	11890	0.392 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	717	0.083 ug/L	89
45) 1,1,2-Trichloroethane	8.22	97	1293	0.253 ug/L #	16
47) Tetrachloroethene	8.22	164	151923	24.684 ug/L	98
48) 2-Hexanone	8.36	43	4811	1.345 ug/L #	94
49) Dibromochloromethane	8.22	129	141480	21.611 ug/L #	12
53) m,p-Xylene	9.37	106	2370	0.187 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	5934	1.284 ug/L #	85

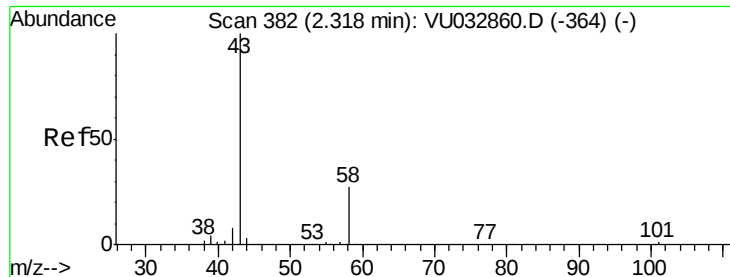
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 07:24:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.461 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032874.D

Acq: 19 Jun 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

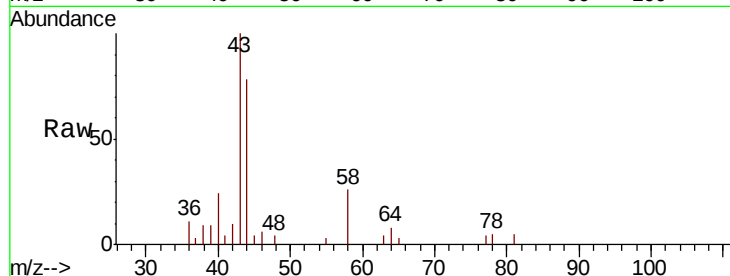
GALF6

Tgt Ion: 43 Resp: 5931

Ion Ratio Lower Upper

43 100

58 26.0 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) (-)

2.32

4000

3000

2000

1000

0

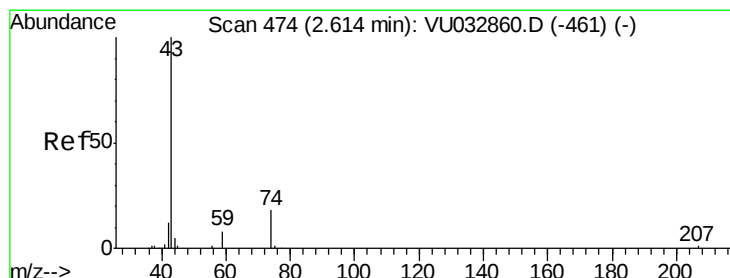
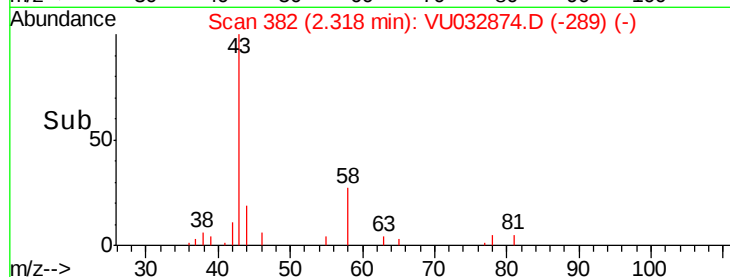
Time-->

2.25

2.30

2.35

2.40



#15

Methyl Acetate

Concen: 0.135 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU032874.D

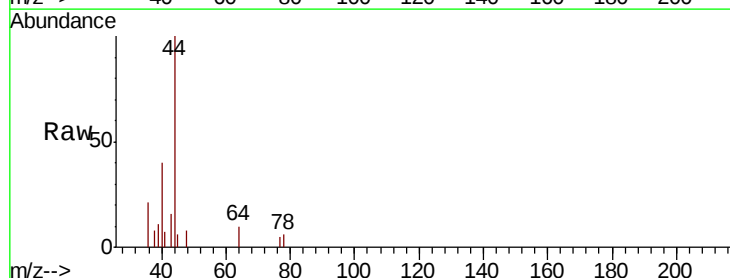
Acq: 19 Jun 2019 21:42

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-461) (-)

Ion 74.05 (73.75 to 74.75): VU032860.D (-461) (-)

2.62

400

300

200

100

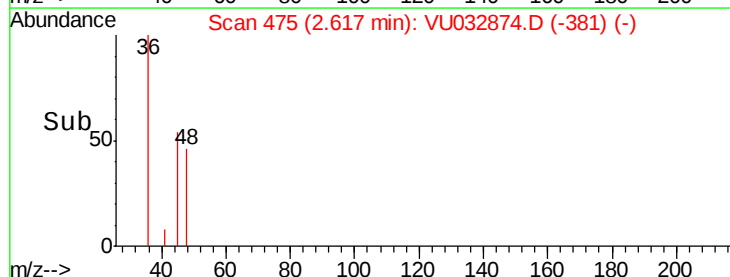
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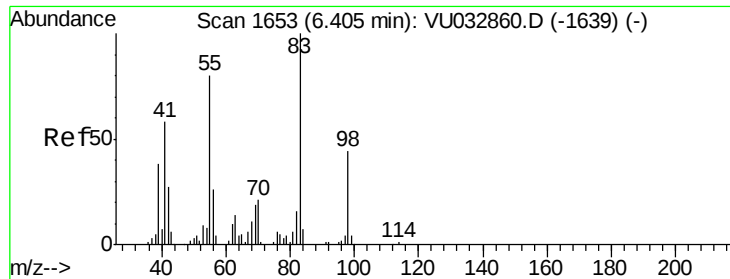
Time-->

2.55

2.60

2.65

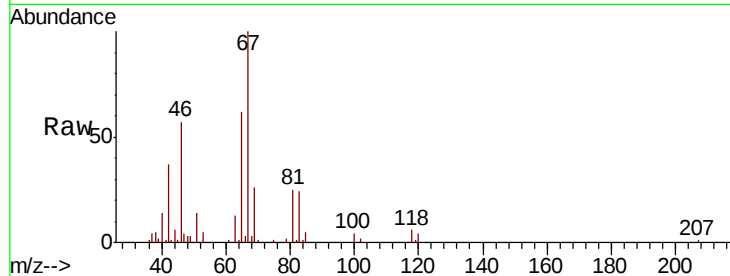




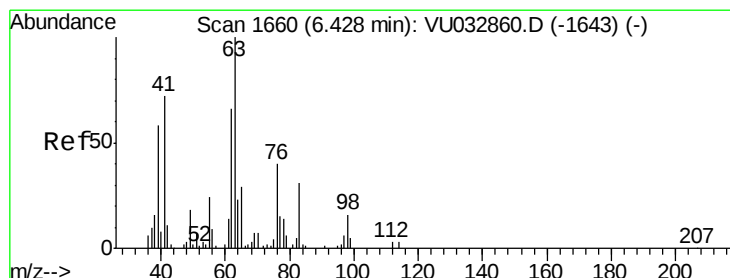
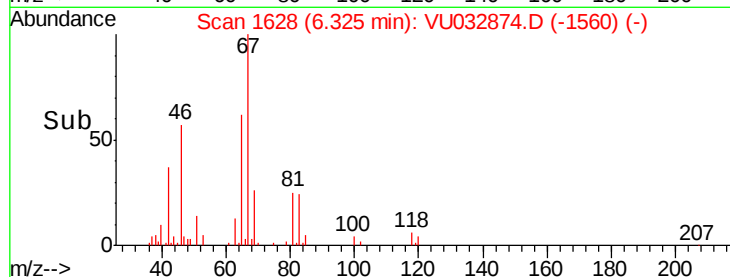
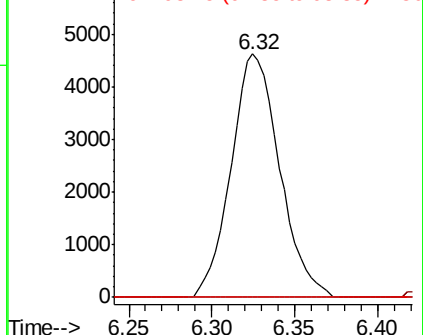
#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032874.D
Acq: 19 Jun 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
GALF6

Tgt Ion: 83 Resp: 9421
Ion Ratio Lower Upper
83 100
55 0.4 60.0 90.0#
98 1.3 37.8 56.8#

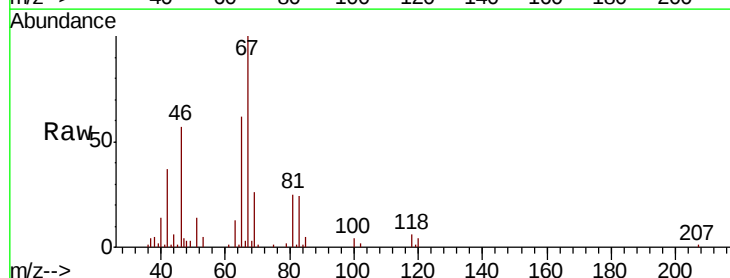


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

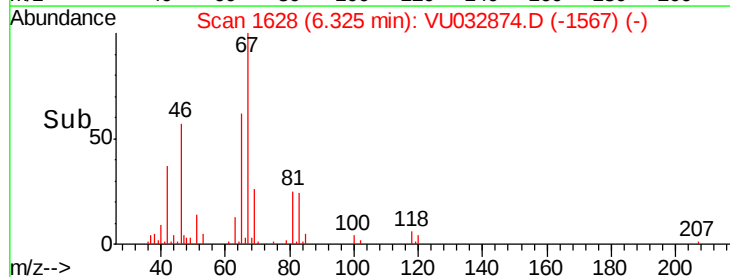
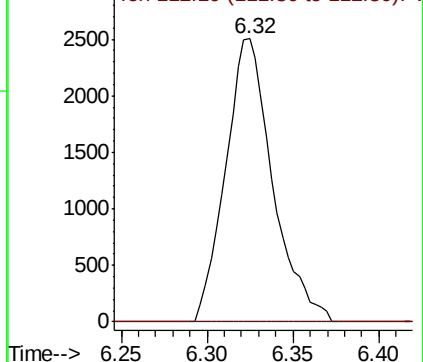


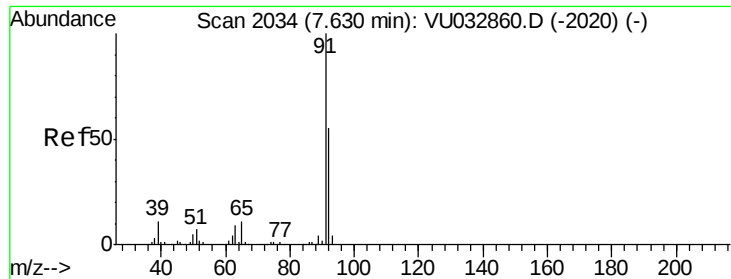
#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032874.D
Acq: 19 Jun 2019 21:42

Tgt Ion: 63 Resp: 4776
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: 0.392 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032874.D

Acq: 19 Jun 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

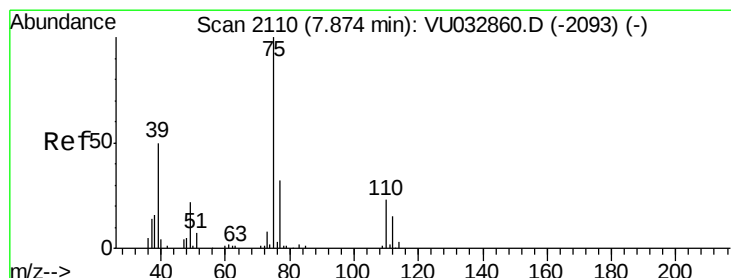
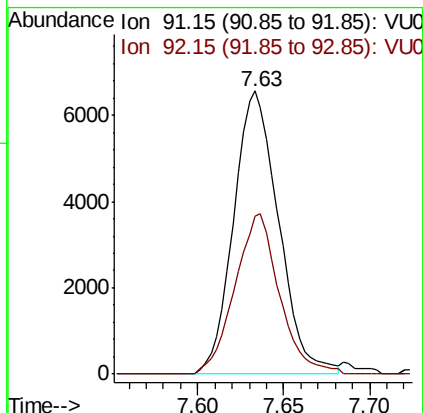
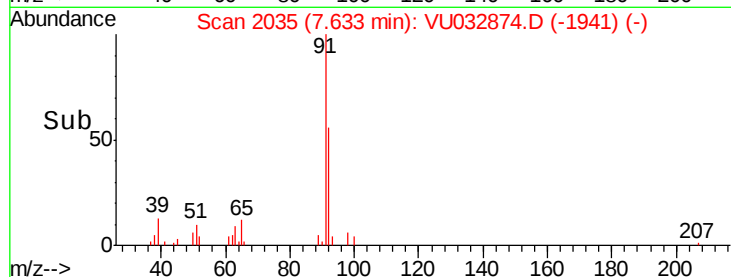
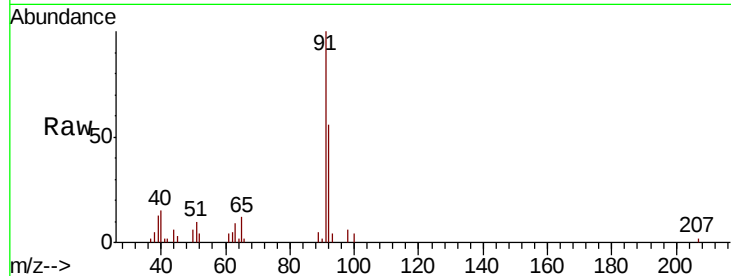
GALF6

Tgt Ion: 91 Resp: 11890

Ion Ratio Lower Upper

91 100

92 55.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032874.D

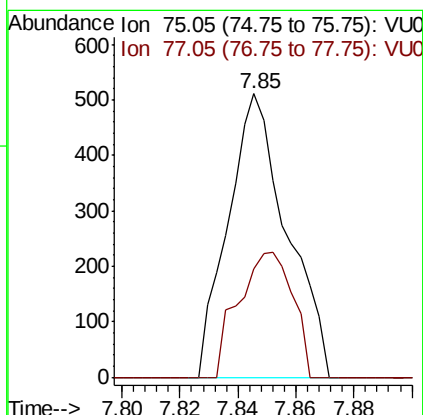
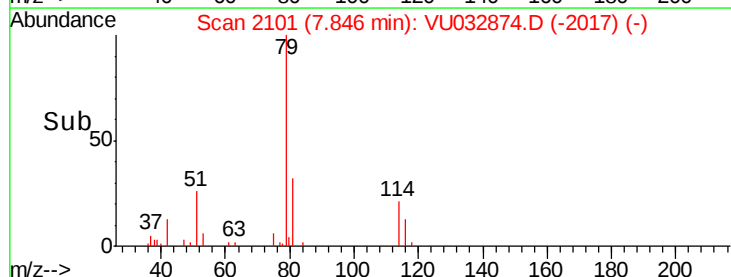
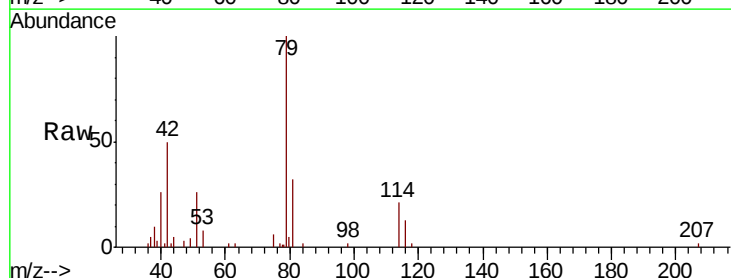
Acq: 19 Jun 2019 21:42

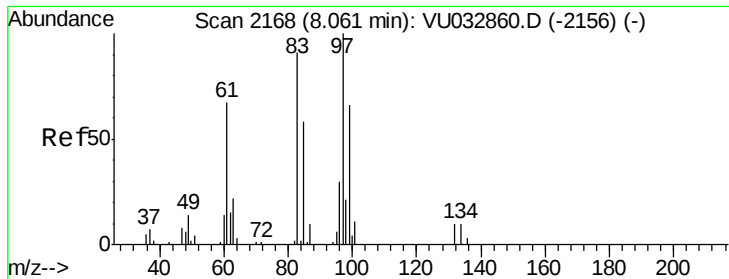
Tgt Ion: 75 Resp: 717

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7

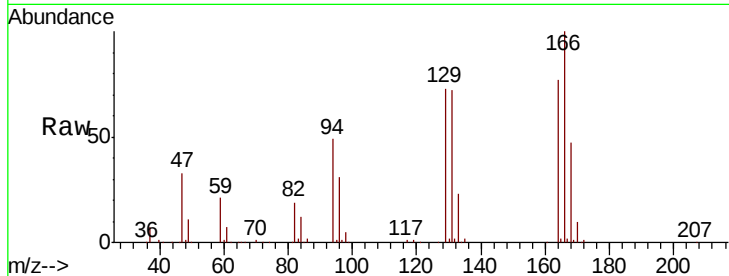




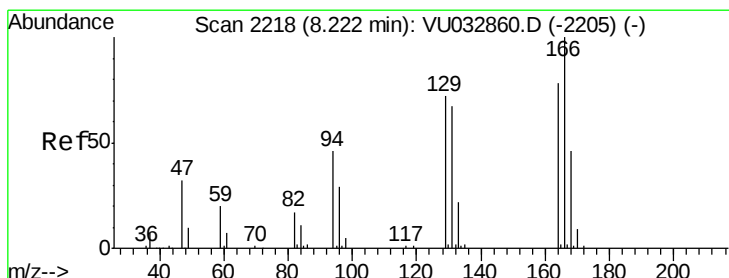
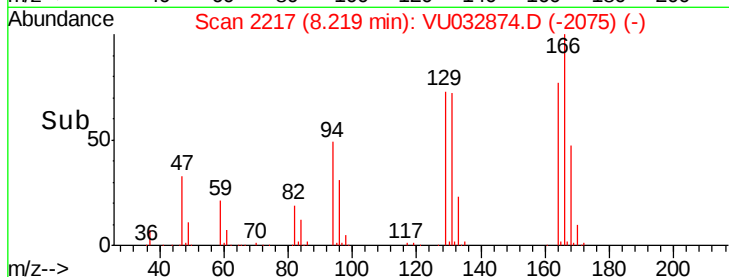
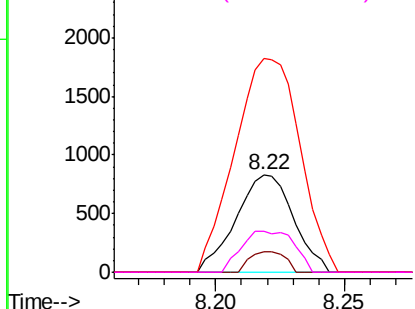
#45
 1,1,2-Trichloroethane
 Concen: 0.253 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU032874.D
 Acq: 19 Jun 2019 21:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF6

Tgt Ion: 97 Resp: 1293
 Ion Ratio Lower Upper
 97 100
 99 20.9 44.9 83.3#
 83 219.4 58.7 108.9#
 85 42.4 37.9 70.5

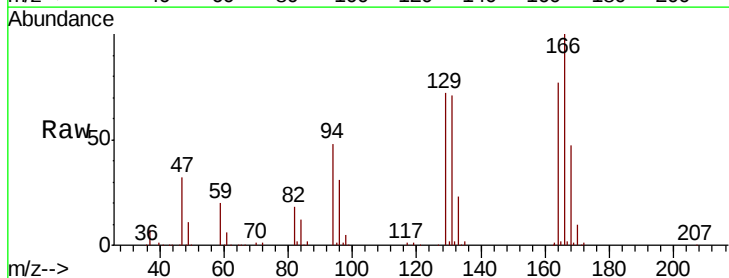


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

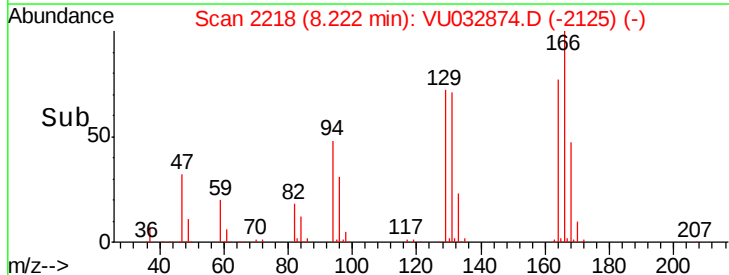
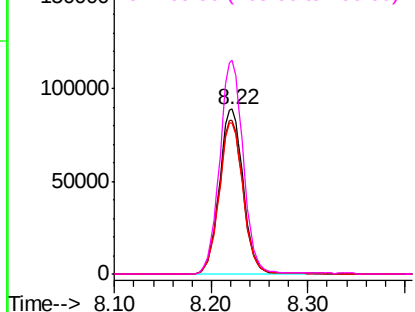


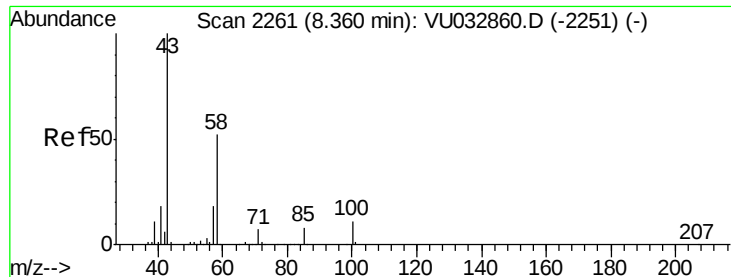
#47
 Tetrachloroethene
 Concen: 24.684 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032874.D
 Acq: 19 Jun 2019 21:42

Tgt Ion: 164 Resp: 151923
 Ion Ratio Lower Upper
 164 100
 129 93.5 66.1 122.7
 131 91.9 65.6 121.8
 166 129.8 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

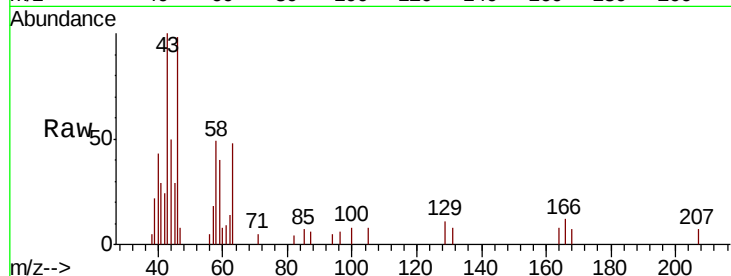




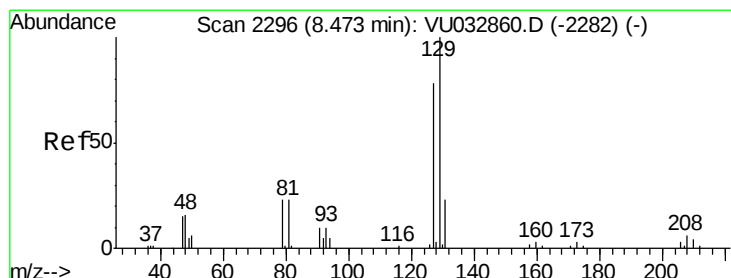
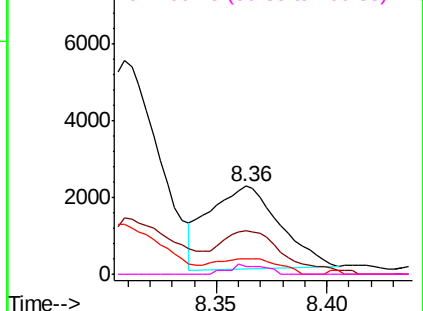
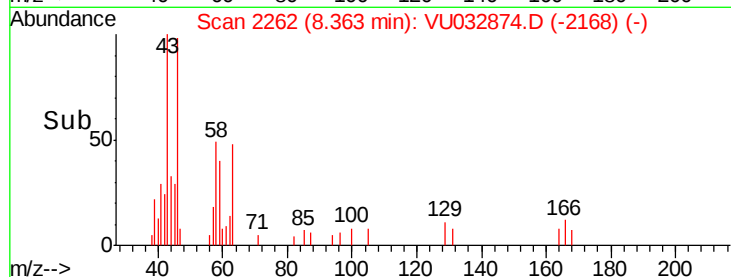
#48
2-Hexanone
Concen: 1.345 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032874.D
Acq: 19 Jun 2019 21:42

Instrument :
MSVOA_U
ClientSampled :
GALF6

Tgt Ion: 43 Resp: 4811
Ion Ratio Lower Upper
43 100
58 48.8 41.9 62.9
57 17.7 15.1 22.7
100 5.9 9.0 13.6#

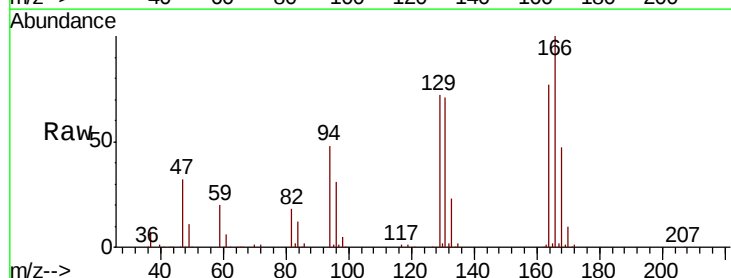


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

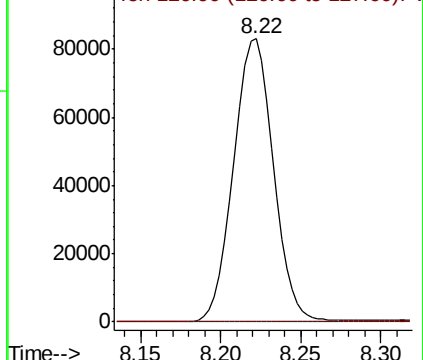
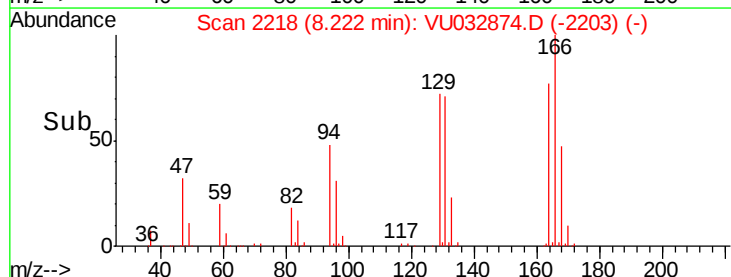


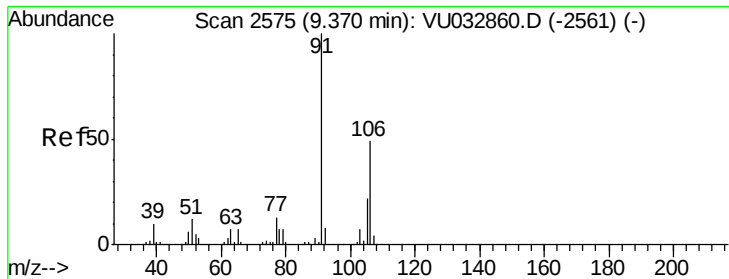
#49
Dibromochloromethane
Concen: 21.611 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032874.D
Acq: 19 Jun 2019 21:42

Tgt Ion: 129 Resp: 141480
Ion Ratio Lower Upper
129 100
127 0.2 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#53

m,p-Xylene

Concen: 0.187 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU032874.D

Acq: 19 Jun 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

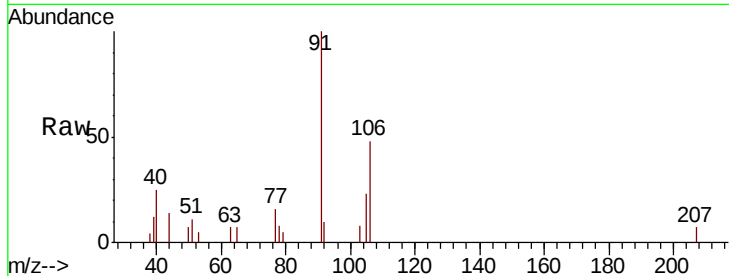
GALF6

Tgt Ion: 106 Resp: 2370

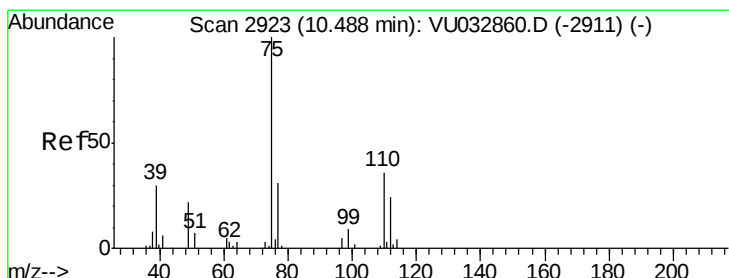
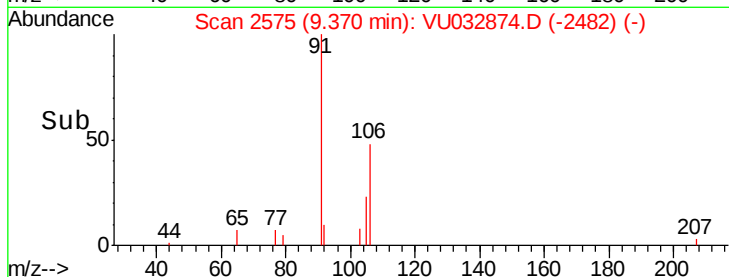
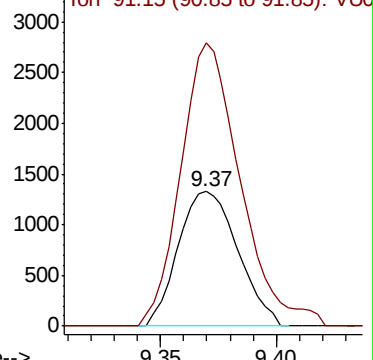
Ion Ratio Lower Upper

106 100

91 210.2 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032860.D (-2561) (-)



#59

1,2,3-Trichloropropane

Concen: 1.284 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032874.D

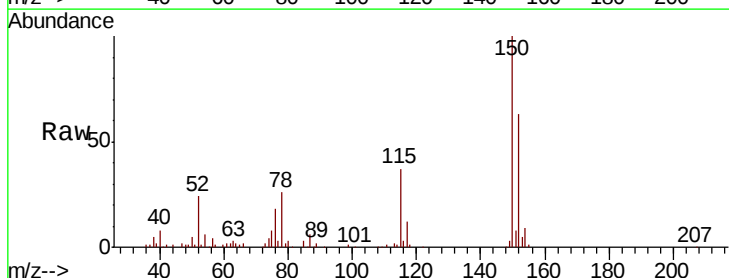
Acq: 19 Jun 2019 21:42

Tgt Ion: 75 Resp: 5934

Ion Ratio Lower Upper

75 100

77 39.7 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032860.D (-2911) (-)

