

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032868.D
 Acq On : 19 Jun 2019 19:17
 Operator : JC/SP
 Sample : K3413-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF0

Quant Time: Jun 20 07:28:27 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	106183	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	103710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30778	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	26719	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	51619	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	115598	60.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.00%
24) Chloroform-d	4.64	84	67835	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	39719	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.00%
32) Benzene-d6	5.33	84	132025	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	43202	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.56	98	121888	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.85	79	17620	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	87745	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	36919	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	52000	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

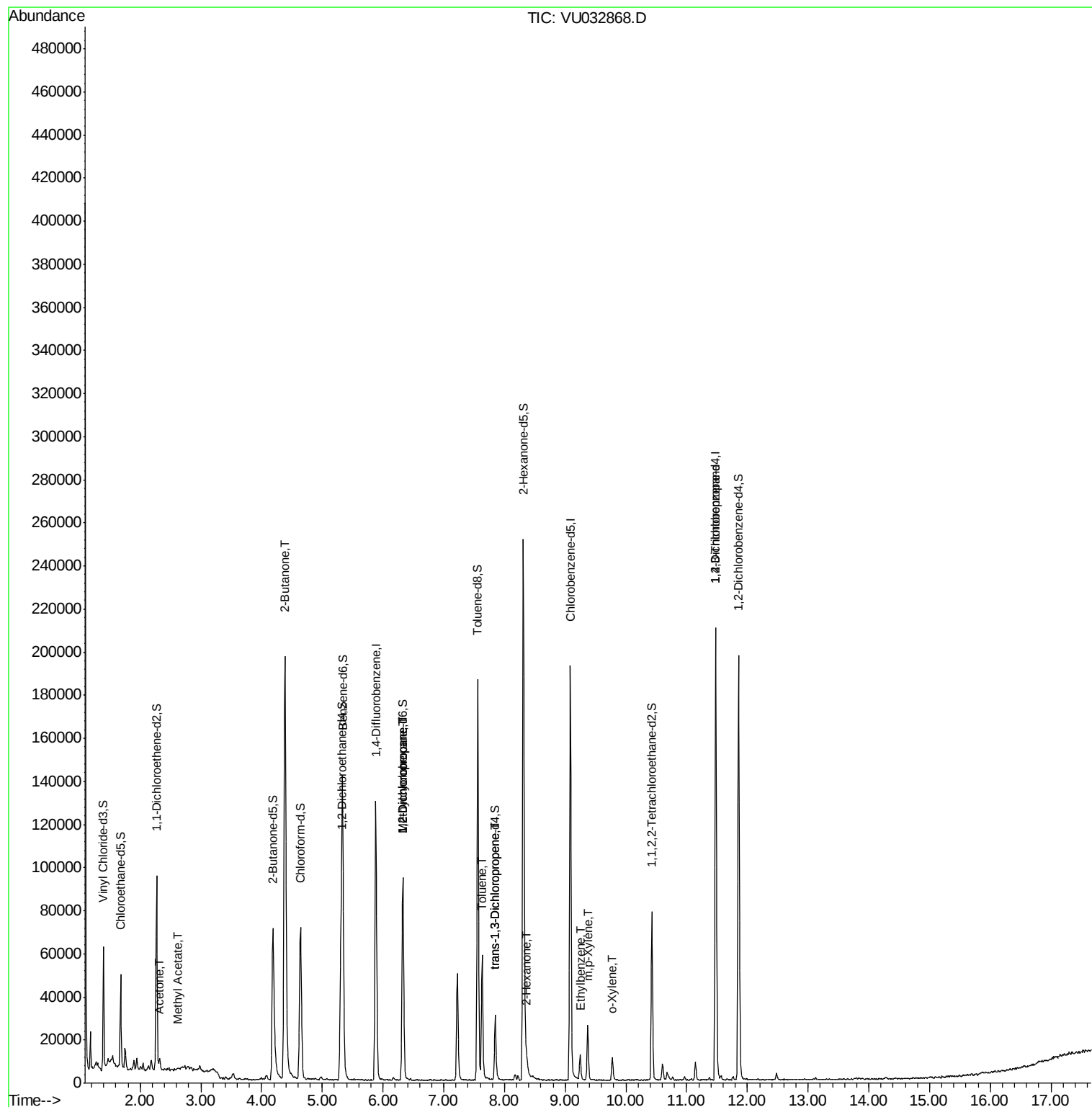
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	4940	3.303	ug/L	88
15) Methyl Acetate	2.61	43	636	0.155	ug/L #	53
21) 2-Butanone	4.39	43	289406	133.065	ug/L #	49
35) Methylcyclohexane	6.32	83	10003	0.707	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	5265	0.665	ug/L #	89
42) Toluene	7.63	91	41641	1.222	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	858	0.088	ug/L	89
48) 2-Hexanone	8.37	43	4260	1.059	ug/L #	87
52) Ethylbenzene	9.25	91	8403	0.224	ug/L	100
53) m,p-Xylene	9.37	106	7343	0.516	ug/L	93
54) o-Xylene	9.77	106	2956	0.208	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	6826	1.314	ug/L #	88

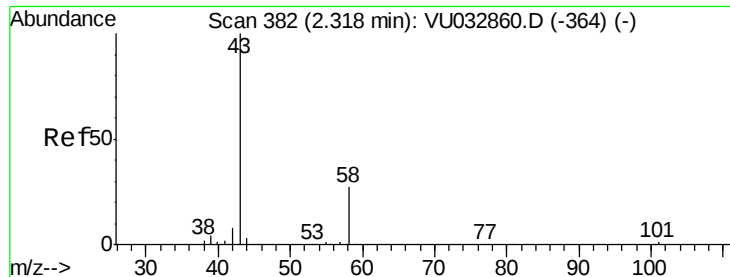
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.303 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

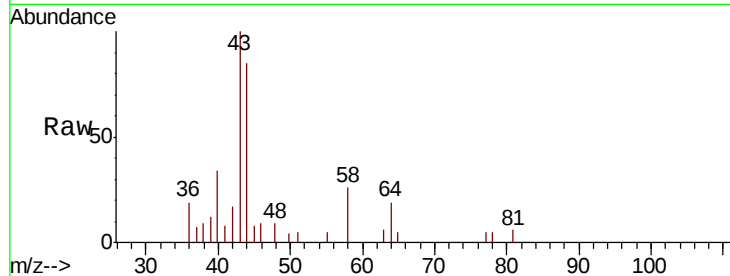
GALF0

Tgt Ion: 43 Resp: 4940

Ion Ratio Lower Upper

43 100

58 24.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032868.D (-383) (-)

Ion 58.05 (57.75 to 58.75): VU032868.D (-383) (-)

Time-->

2.25 2.30 2.35

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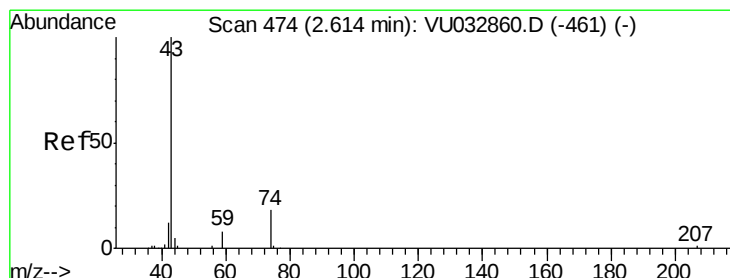
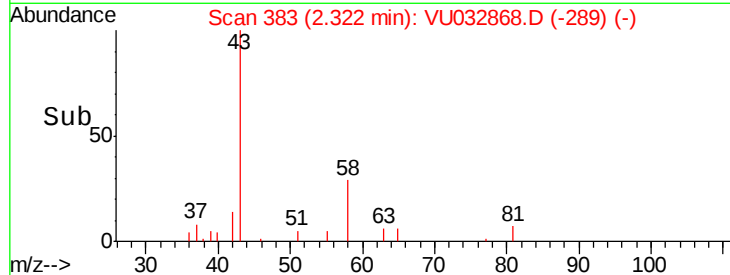
2.32

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2.32



#15

Methyl Acetate

Concen: 0.155 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032868.D

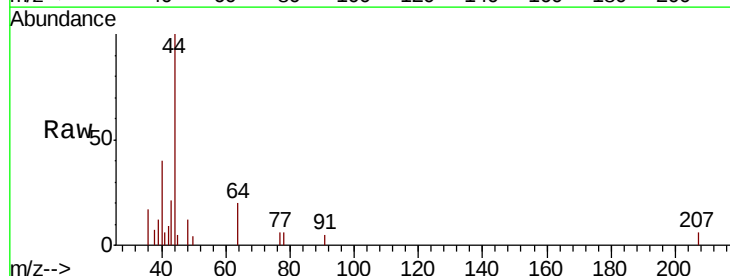
Acq: 19 Jun 2019 19:17

Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032868.D (-383) (-)

Ion 74.05 (73.75 to 74.75): VU032868.D (-383) (-)

Time-->

2.58 2.60 2.62 2.64 2.66

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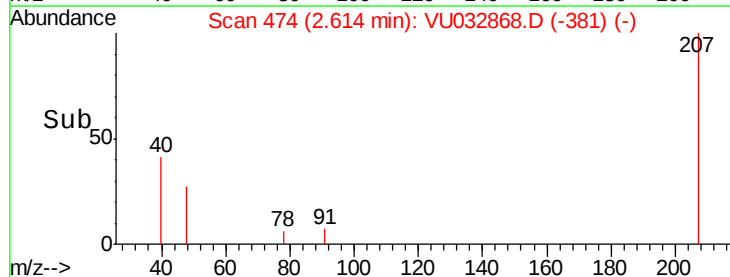
2.61

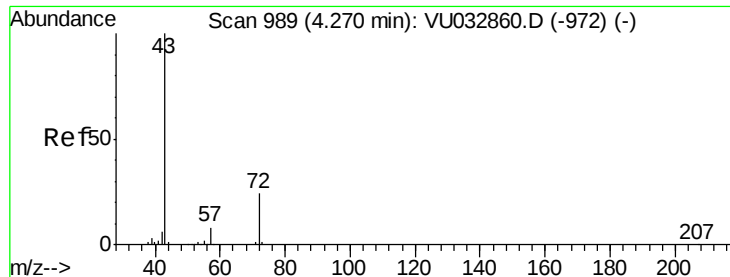
2.61

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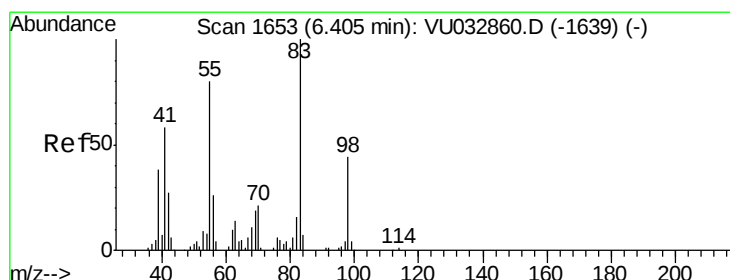
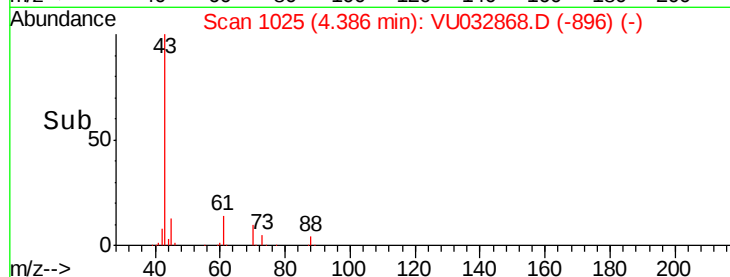
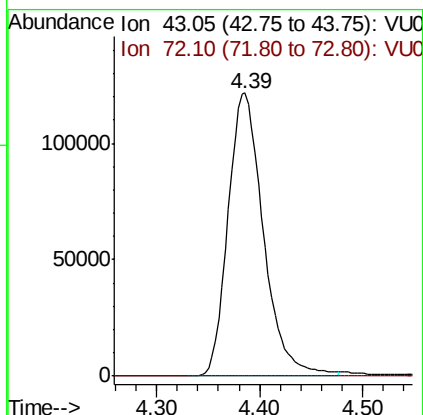
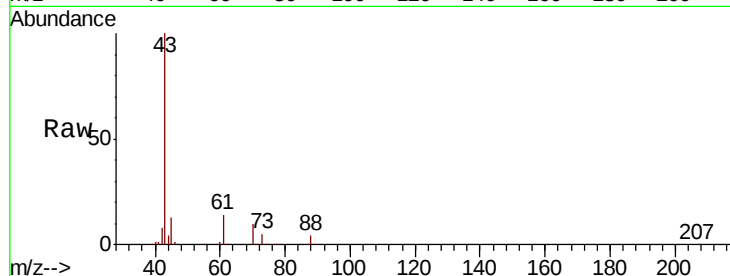




#21
 2-Butanone
 Concen: 133.065 ug/L
 RT: 4.39 min Scan# 1025
 Delta R.T. 0.12 min
 Lab File: VU032868.D
 Acq: 19 Jun 2019 19:17

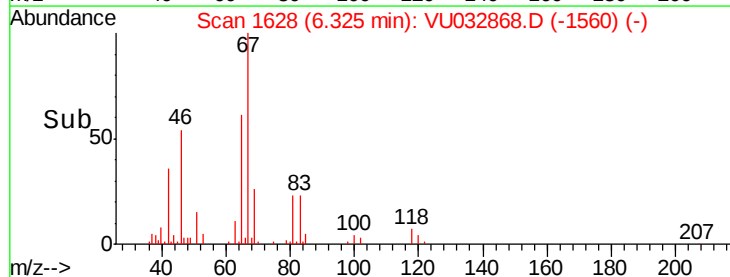
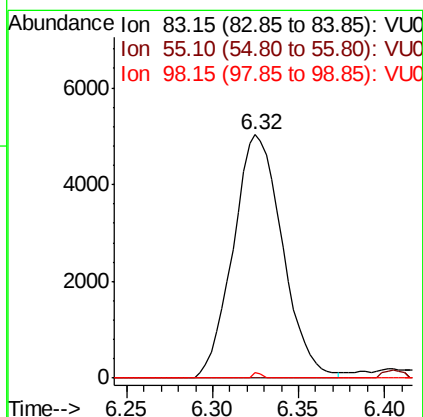
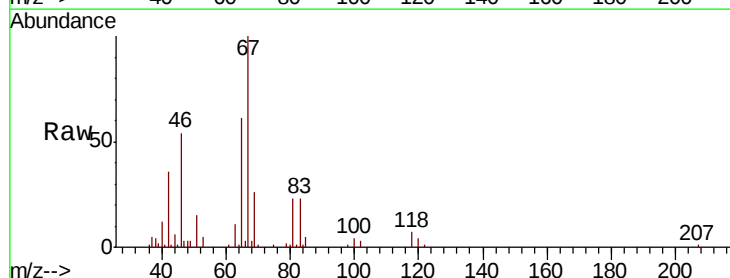
Instrument :
 MSVOA_U
 ClientSampleId :
 GALF0

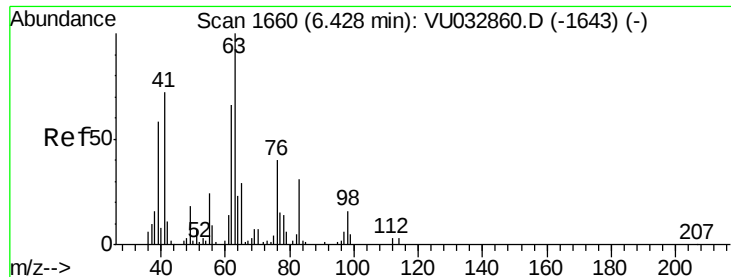
Tgt Ion: 43 Resp: 289406
 Ion Ratio Lower Upper
 43 100
 72 0.0 13.1 39.3#



#35
 Methylcyclohexane
 Concen: 0.707 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032868.D
 Acq: 19 Jun 2019 19:17

Tgt Ion: 83 Resp: 10003
 Ion Ratio Lower Upper
 83 100
 55 1.3 60.0 90.0#
 98 0.4 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

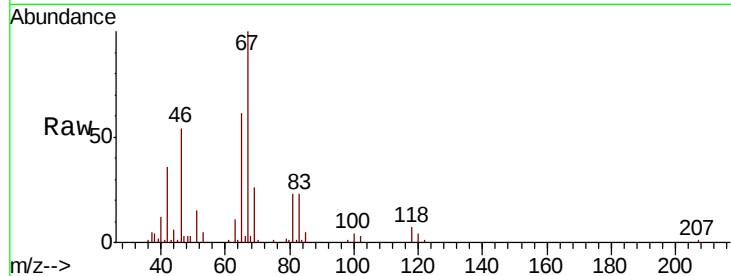
GALF0

Tgt Ion: 63 Resp: 5265

Ion Ratio Lower Upper

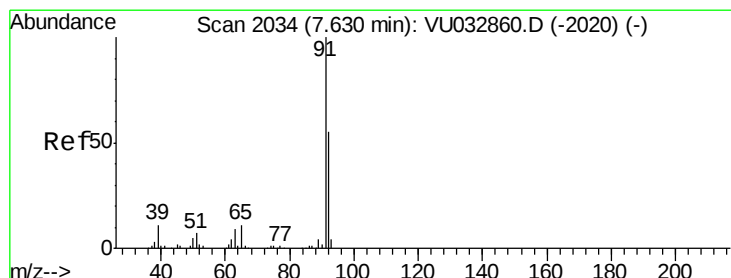
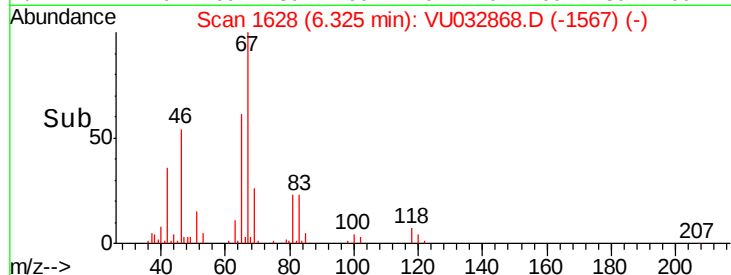
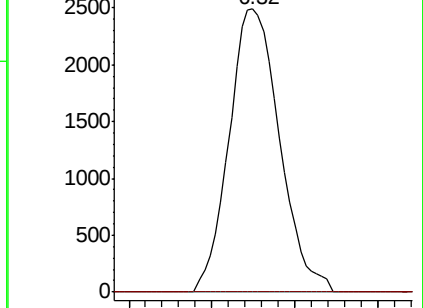
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032868.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU032868.D (-1643) (-)



#42

Toluene

Concen: 1.222 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032868.D

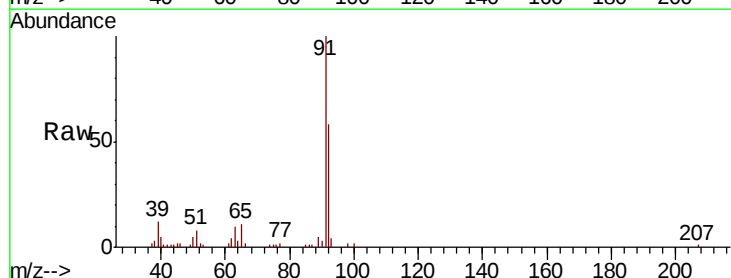
Acq: 19 Jun 2019 19:17

Tgt Ion: 91 Resp: 41641

Ion Ratio Lower Upper

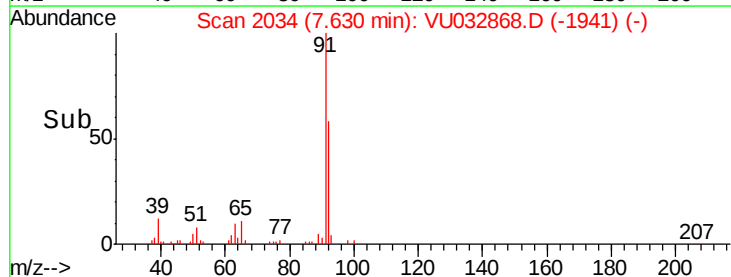
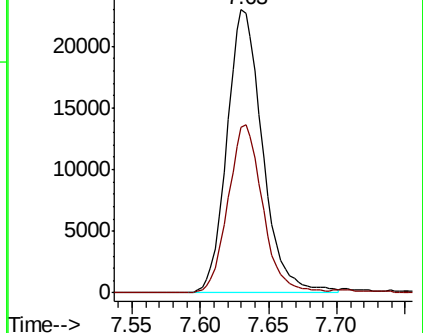
91 100

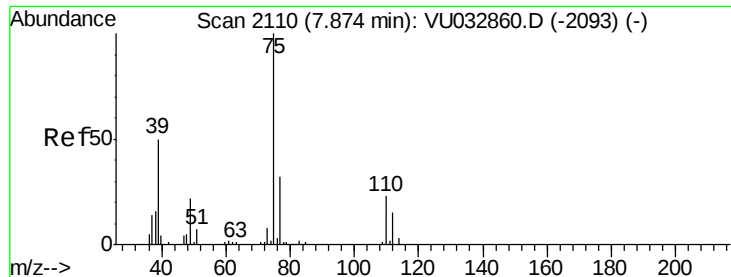
92 58.3 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032868.D (-1941) (-)

Ion 92.15 (91.85 to 92.85): VU032868.D (-1941) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

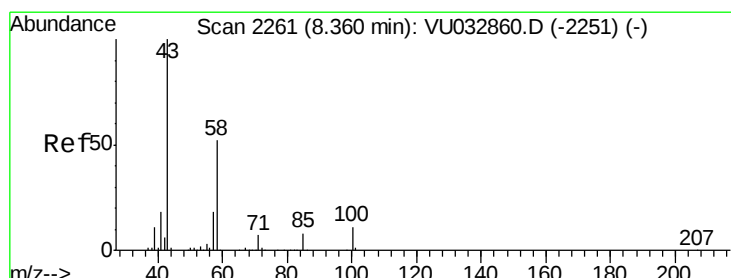
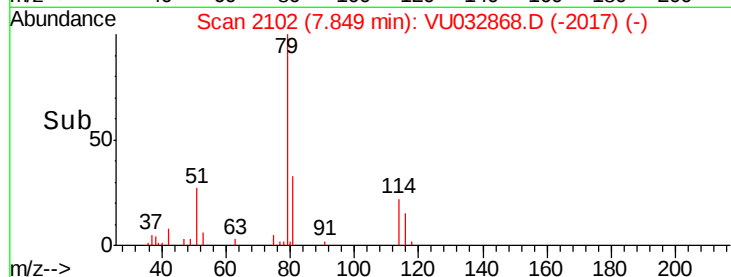
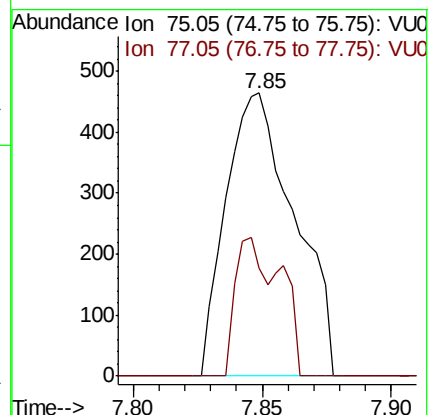
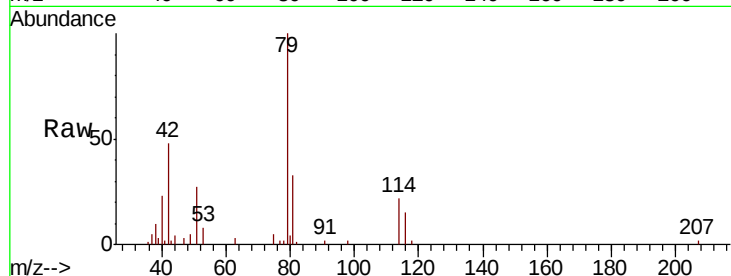
GALF0

Tgt Ion: 75 Resp: 858

Ion Ratio Lower Upper

75 100

77 38.1 22.5 41.7



#48

2-Hexanone

Concen: 1.059 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Tgt Ion: 43 Resp: 4260

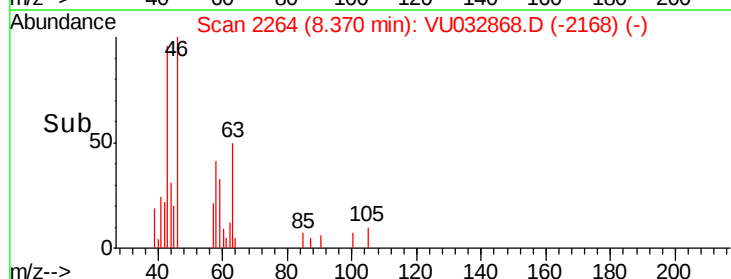
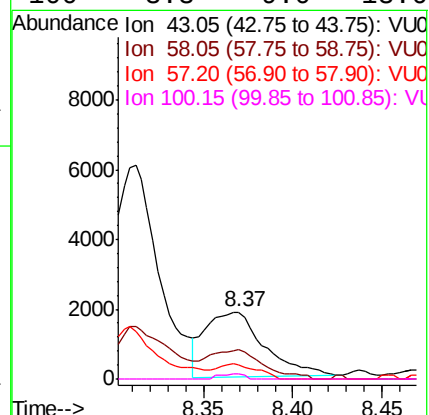
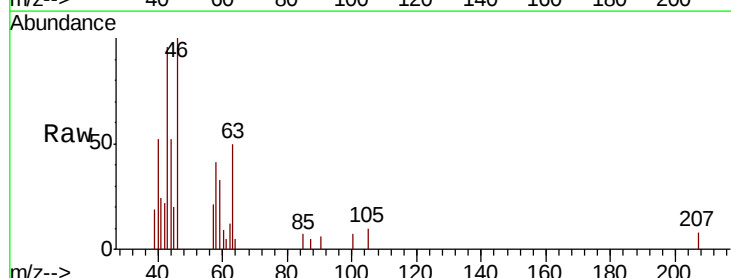
Ion Ratio Lower Upper

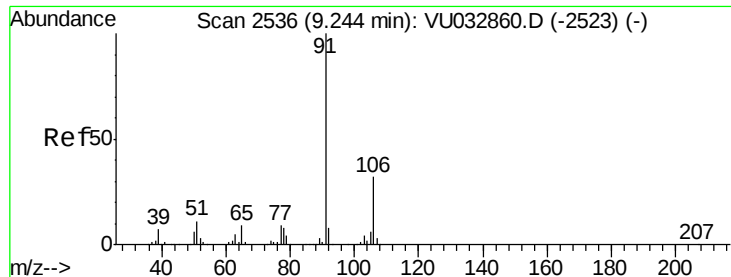
43 100

58 43.6 41.9 62.9

57 15.5 15.1 22.7

100 3.3 9.0 13.6#





#52

Ethylbenzene

Concen: 0.224 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

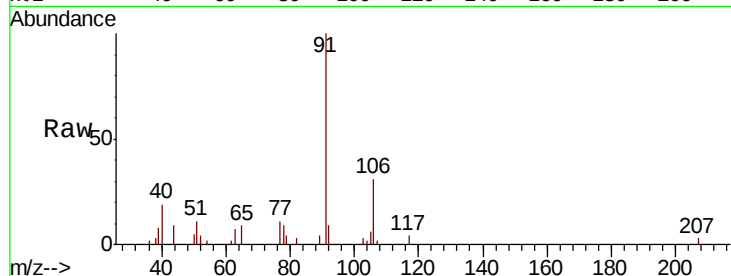
GALF0

Tgt Ion: 91 Resp: 8403

Ion Ratio Lower Upper

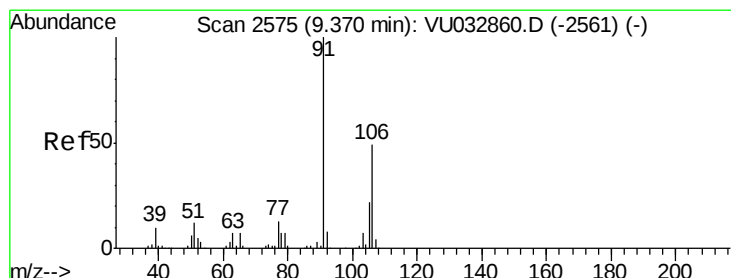
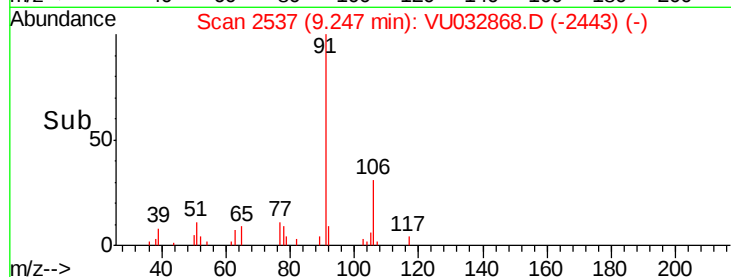
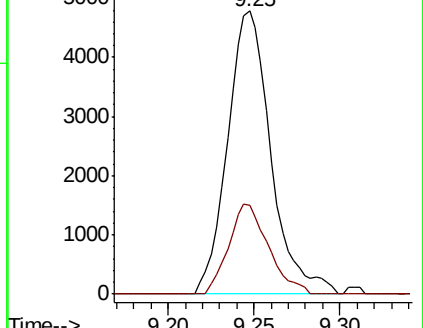
91 100

106 31.2 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU032868.D (-2443) (-)

Ion 106.15 (105.85 to 106.85): VU032868.D (-2443) (-)



#53

m,p-Xylene

Concen: 0.516 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032868.D

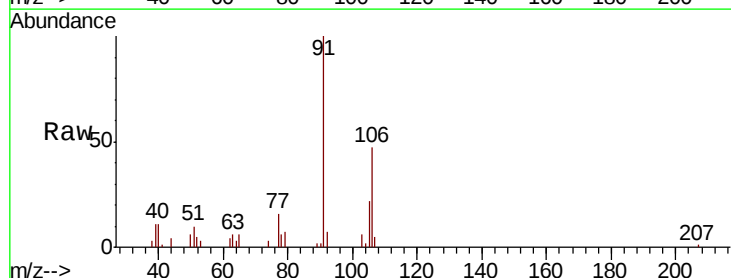
Acq: 19 Jun 2019 19:17

Tgt Ion: 106 Resp: 7343

Ion Ratio Lower Upper

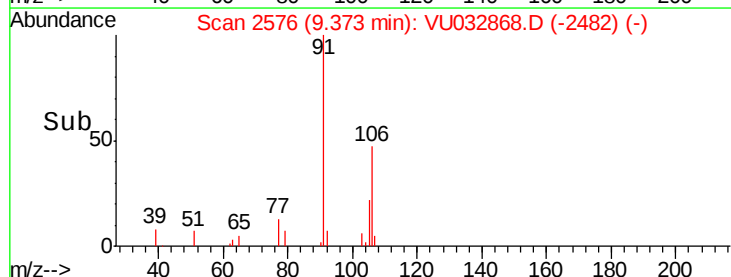
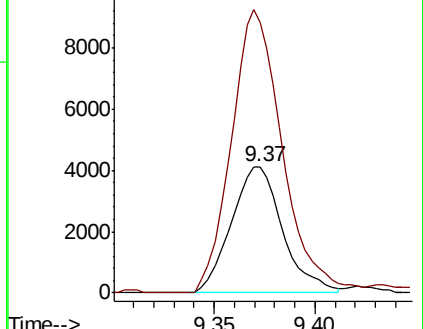
106 100

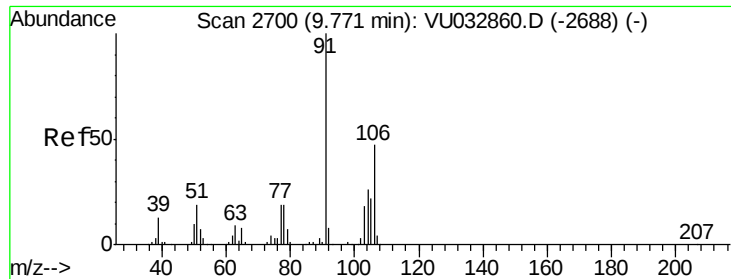
91 214.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032868.D (-2482) (-)

Ion 91.15 (90.85 to 91.85): VU032868.D (-2482) (-)

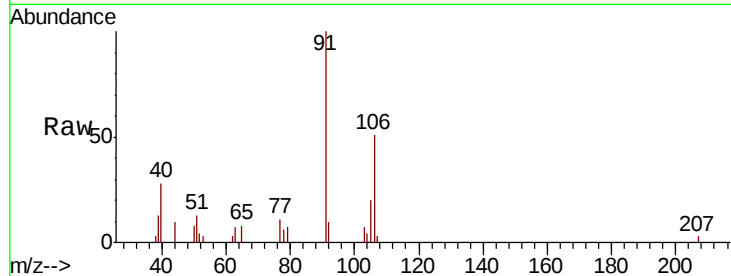




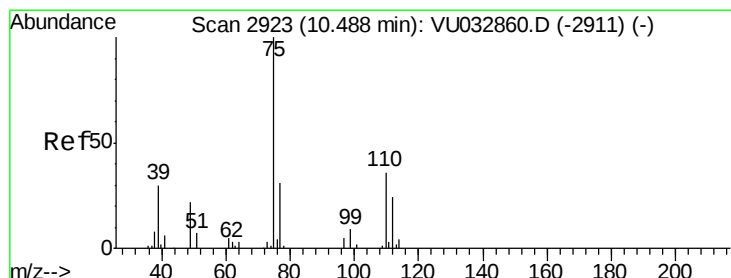
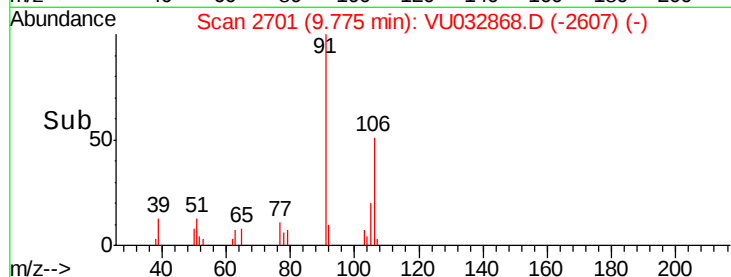
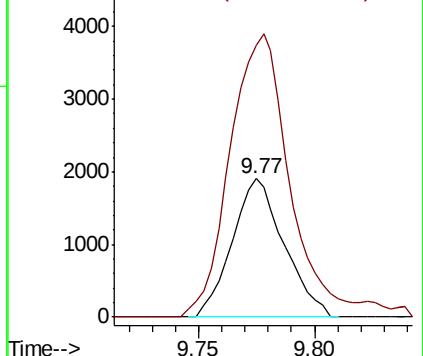
#54
o-Xylene
Concen: 0.208 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032868.D
Acq: 19 Jun 2019 19:17

Instrument :
MSVOA_U
ClientSampled :
GALF0

Tgt Ion: 106 Resp: 2956
Ion Ratio Lower Upper
106 100
91 196.5 148.8 276.4

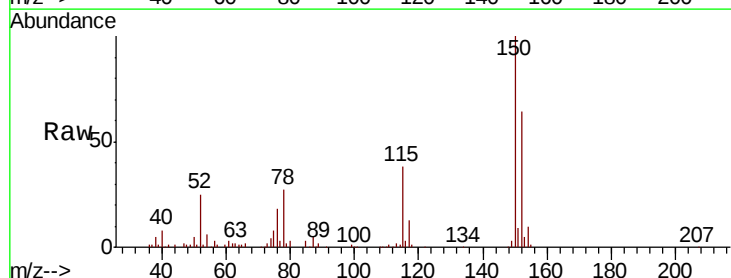


Abundance Ion 106.15 (105.85 to 106.85): VU032868.D (-2607) (-)
Ion 91.15 (90.85 to 91.85): VU032868.D (-2607) (-)



#59
1,2,3-Trichloropropane
Concen: 1.314 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032868.D
Acq: 19 Jun 2019 19:17

Tgt Ion: 75 Resp: 6826
Ion Ratio Lower Upper
75 100
77 38.1 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032868.D (-2301) (-)
Ion 77.00 (76.70 to 77.70): VU032868.D (-2301) (-)

