

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032866.D
 Acq On : 19 Jun 2019 18:29
 Operator : JC/SP
 Sample : K3413-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG2

Quant Time: Jun 20 07:28:09 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	128452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	122947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36555	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	30886	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	58565	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	131174	56.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.56%
24) Chloroform-d	4.64	84	76149	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	45961	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.33	84	150484	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	47810	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	139323	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	20338	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.31	63	105059	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42045	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	60245	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Qvalue
13) Acetone	2.32	43	5119	2.830 ug/L	92
14) Carbon disulfide	2.47	76	2639	0.101 ug/L #	81
15) Methyl Acetate	2.62	43	1234	0.249 ug/L #	53
17) Methyl tert-butyl Ether	3.00	73	34029	1.426 ug/L #	86
21) 2-Butanone	4.39	43	80507	30.599 ug/L #	49
33) Benzene	5.39	78	5788	0.160 ug/L	100
37) 1,2-Dichloropropane	6.32	63	5541	0.591 ug/L #	89
42) Toluene	7.63	91	101145	2.504 ug/L	99
47) Tetrachloroethene	8.22	164	80785	9.845 ug/L	96
49) Dibromochloromethane	8.22	129	76510	8.766 ug/L #	11
52) Ethylbenzene	9.25	91	19338	0.434 ug/L	92
53) m,p-Xylene	9.37	106	18980	1.124 ug/L	98
54) o-Xylene	9.77	106	7466	0.443 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	8397	1.363 ug/L #	86
69) Naphthalene	13.75	128	8944	0.368 ug/L #	84

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 07:24:34 2019
Response via : Initial Calibration

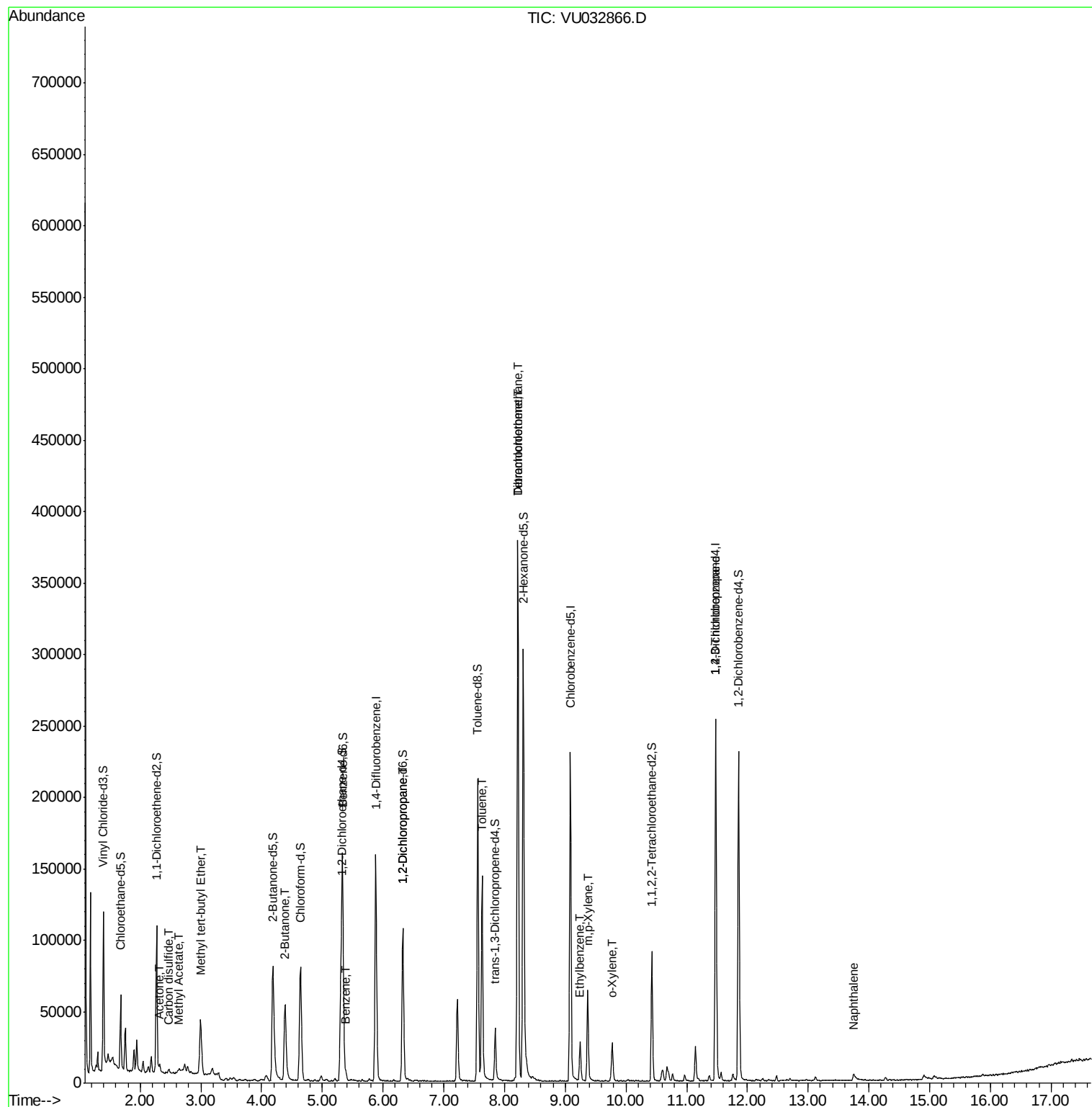
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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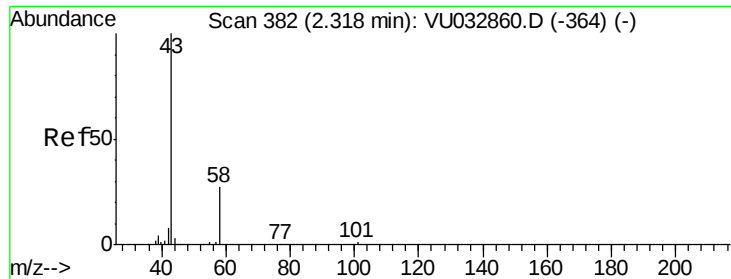
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032866.D
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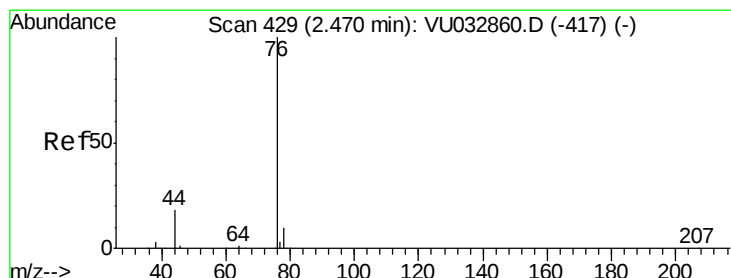
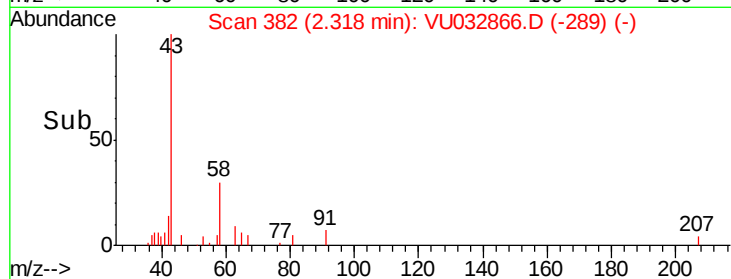
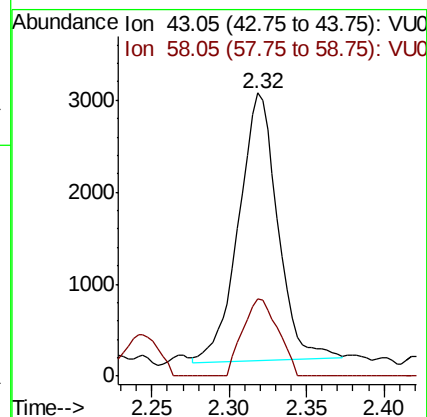
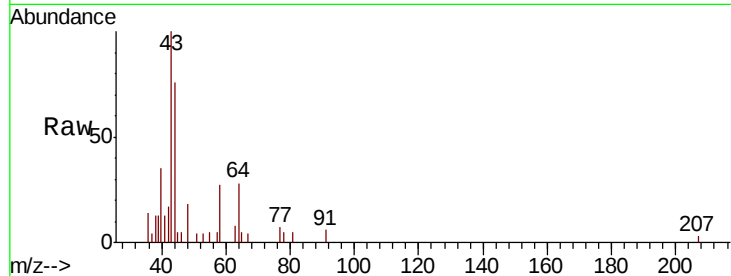




#13
Acetone
Concen: 2.830 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

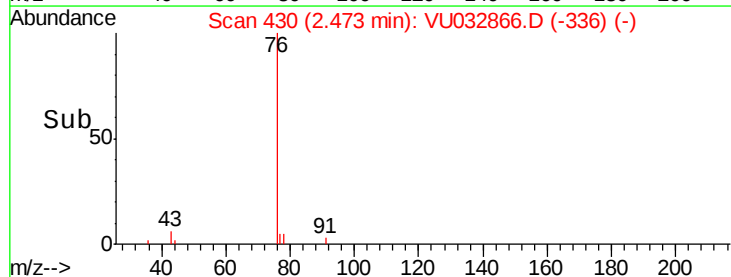
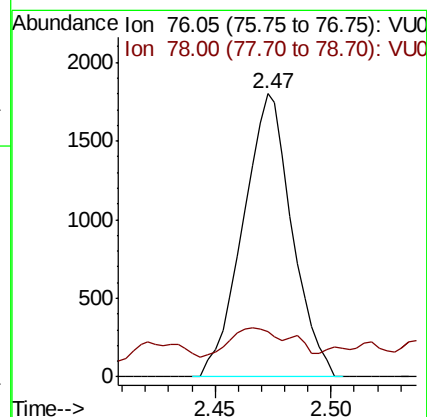
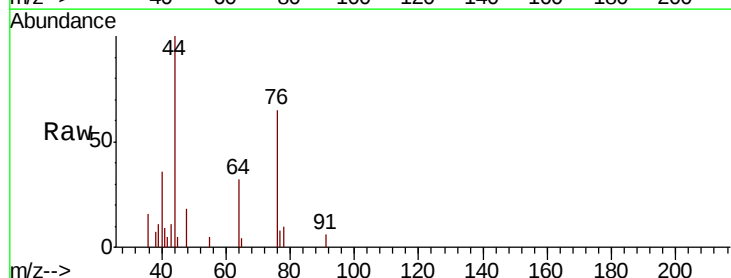
Instrument :
MSVOA_U
ClientSampleId :
GALG2

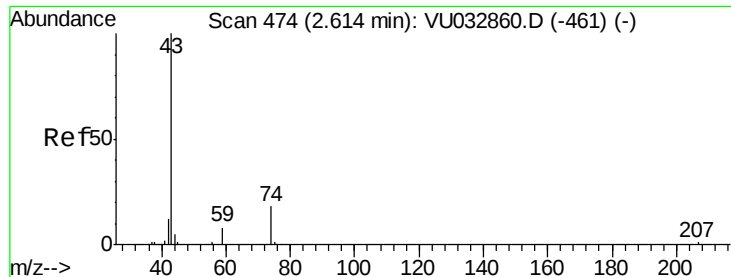
Tgt Ion: 43 Resp: 5119
Ion Ratio Lower Upper
43 100
58 25.9 0.0 60.8



#14
Carbon disulfide
Concen: 0.101 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

Tgt Ion: 76 Resp: 2639
Ion Ratio Lower Upper
76 100
78 16.1 7.3 10.9#





#15

Methyl Acetate

Concen: 0.249 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampled :

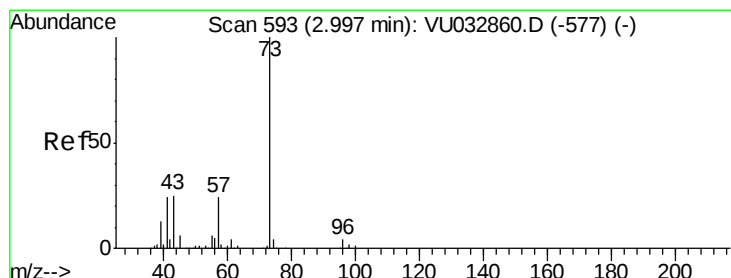
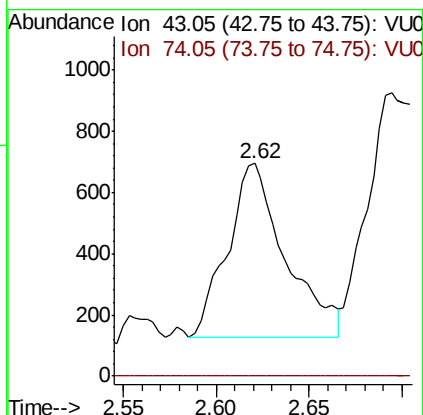
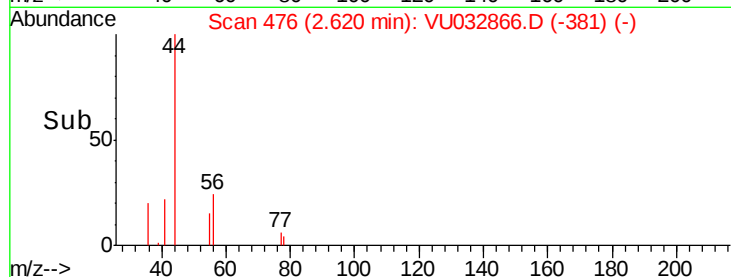
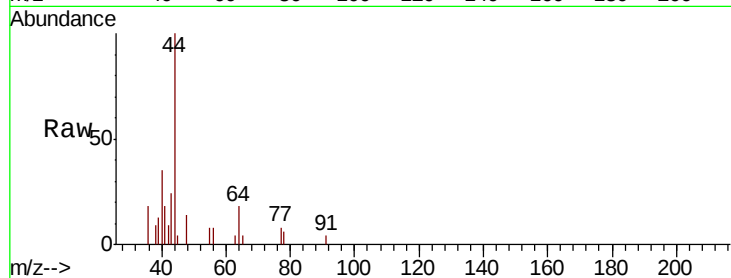
GALG2

Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#17

Methyl tert-butyl Ether

Concen: 1.426 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

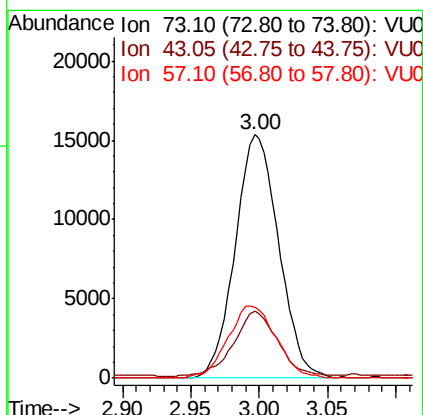
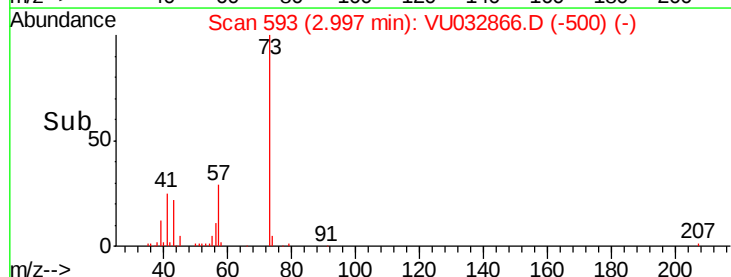
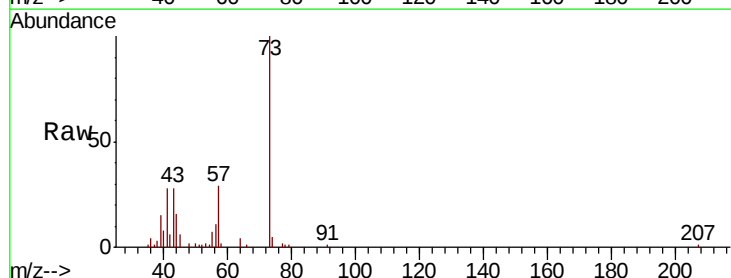
Tgt Ion: 73 Resp: 34029

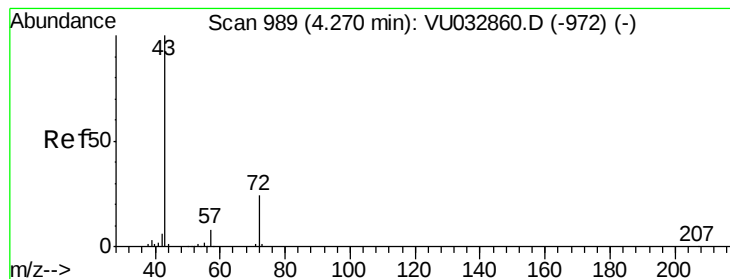
Ion Ratio Lower Upper

73 100

43 27.1 18.6 27.8

57 32.8 18.3 27.5#





#21

2-Butanone

Concen: 30.599 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

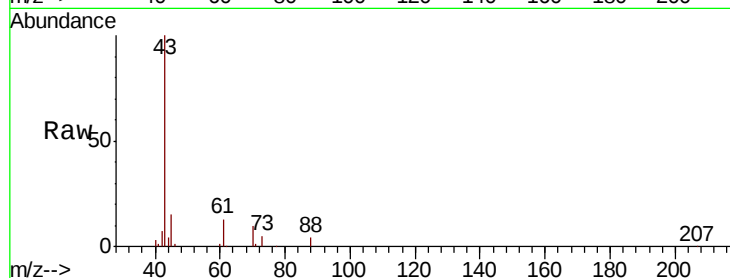
GALG2

Tgt Ion: 43 Resp: 80507

Ion Ratio Lower Upper

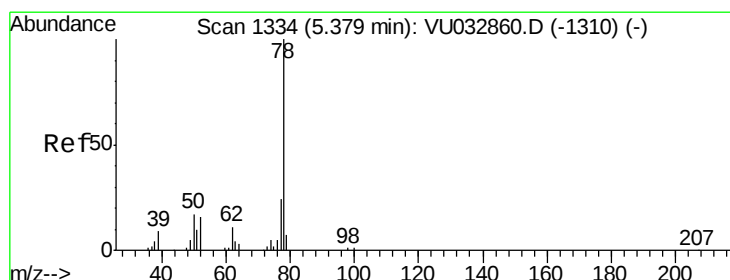
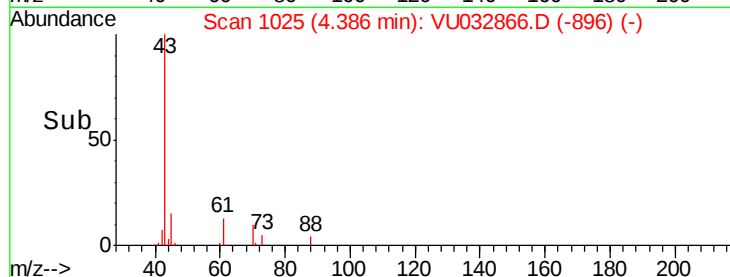
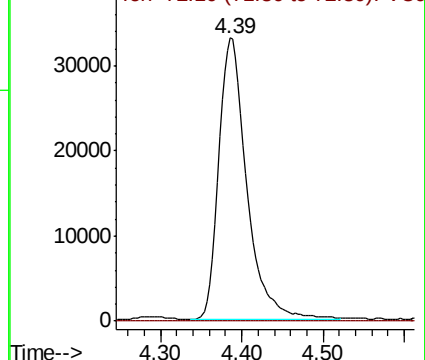
43 100

72 0.1 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032866.D (-1025) (-)

Ion 72.10 (71.80 to 72.80): VU032866.D (-1025) (-)



#33

Benzene

Concen: 0.160 ug/L

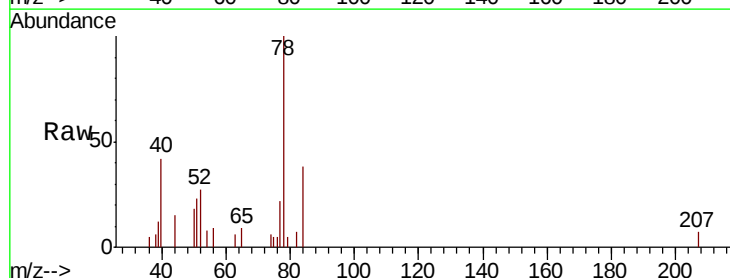
RT: 5.39 min Scan# 1336

Delta R.T. 0.01 min

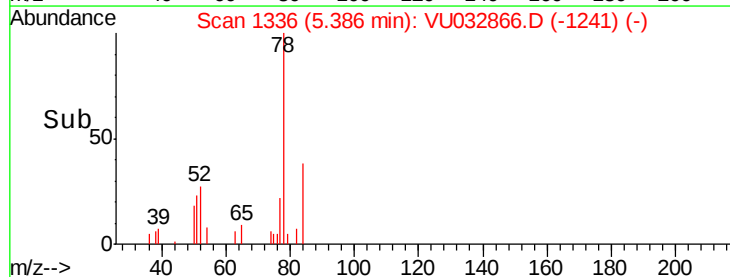
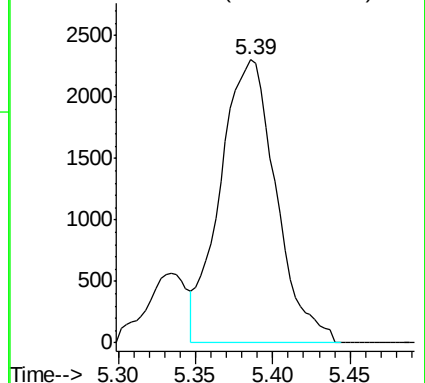
Lab File: VU032866.D

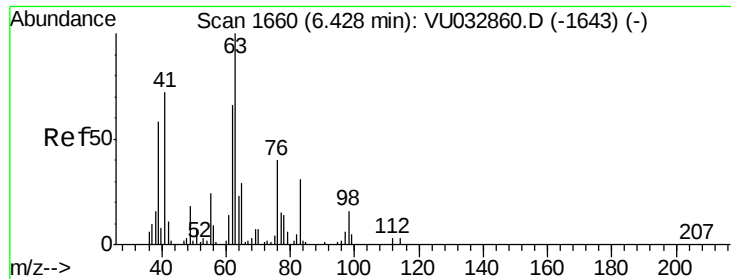
Acq: 19 Jun 2019 18:29

Tgt Ion: 78 Resp: 5788



Abundance Ion 78.10 (77.80 to 78.80): VU032866.D (-1336) (-)

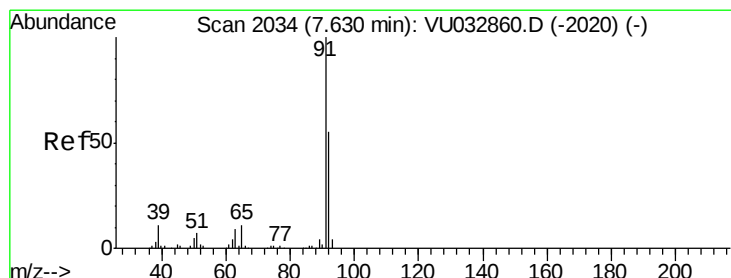
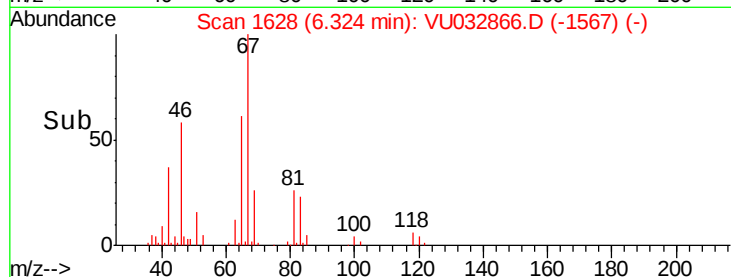
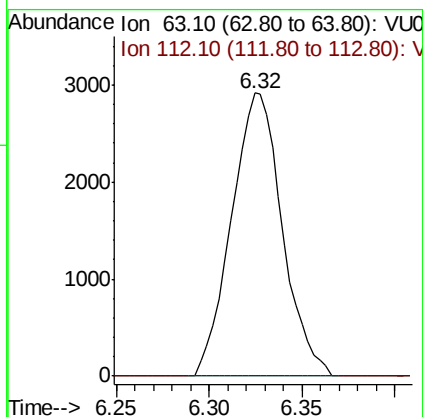
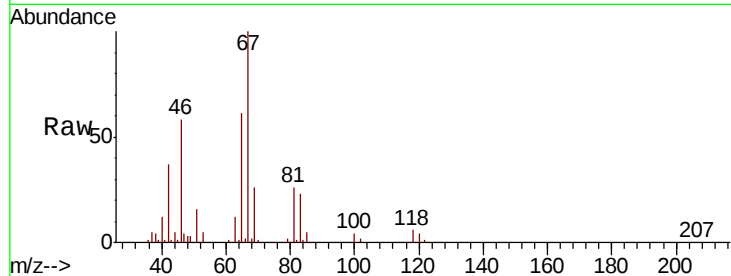




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032866.D
 Acq: 19 Jun 2019 18:29

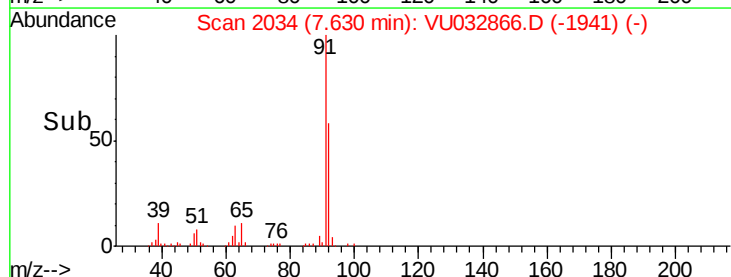
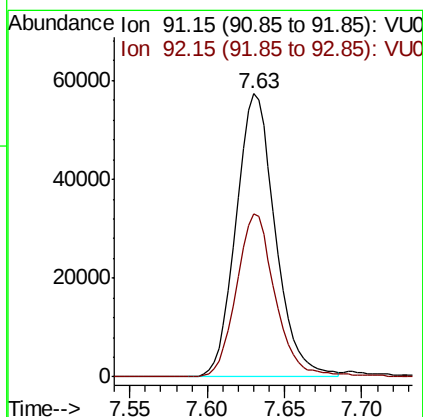
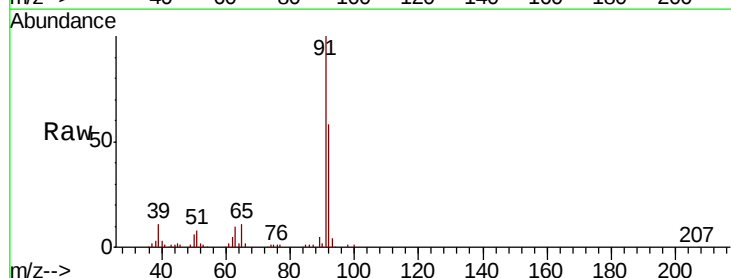
Instrument :
 MSVOA_U
 ClientSampleId :
 GALG2

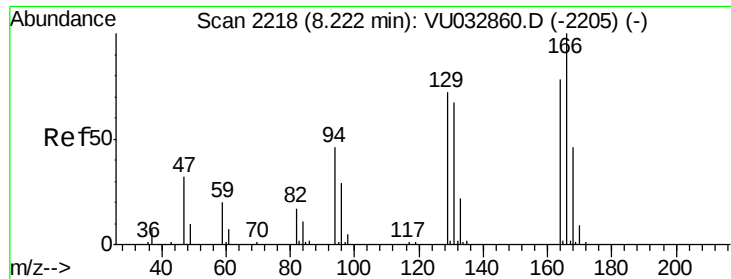
Tgt Ion: 63 Resp: 5541
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#42
 Toluene
 Concen: 2.504 ug/L
 RT: 7.63 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU032866.D
 Acq: 19 Jun 2019 18:29

Tgt Ion: 91 Resp: 101145
 Ion Ratio Lower Upper
 91 100
 92 57.5 40.9 75.9

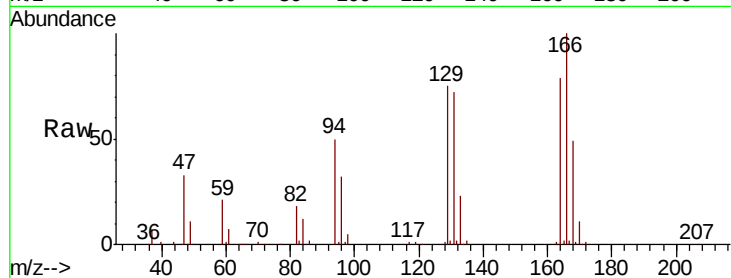




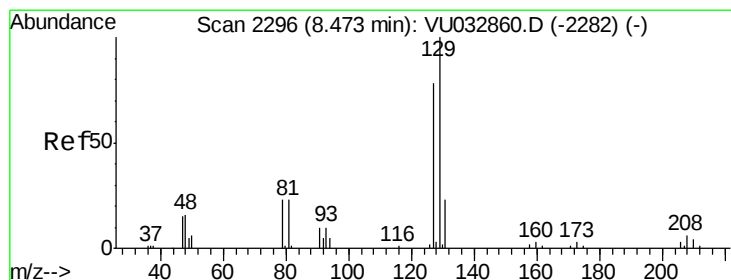
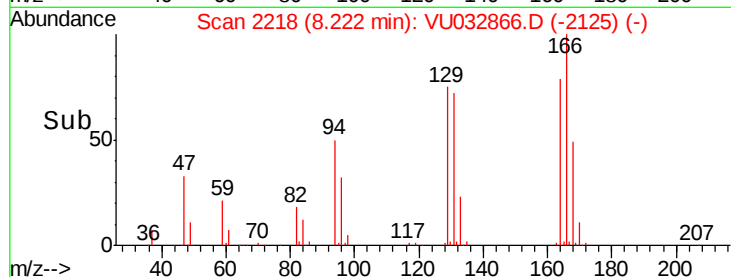
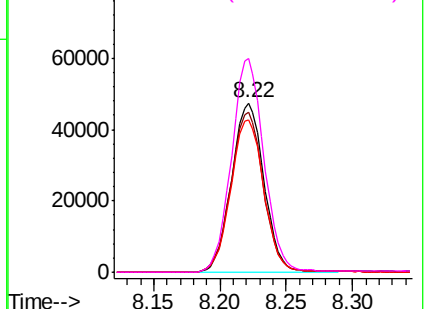
#47
Tetrachloroethene
Concen: 9.845 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

Instrument :
MSVOA_U
ClientSampleId :
GALG2

Tgt Ion:164 Resp: 80785
Ion Ratio Lower Upper
164 100
129 94.7 66.1 122.7
131 90.4 65.6 121.8
166 126.2 93.2 173.2

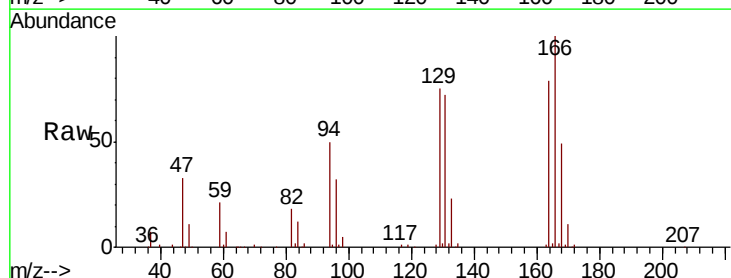


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

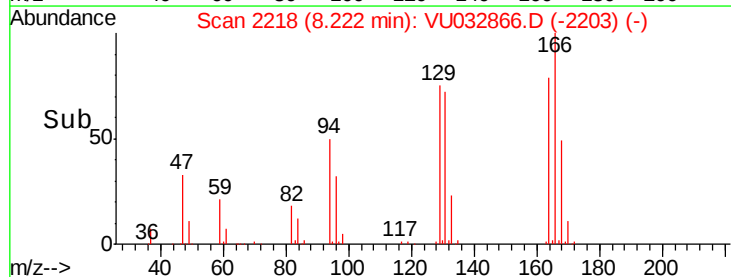
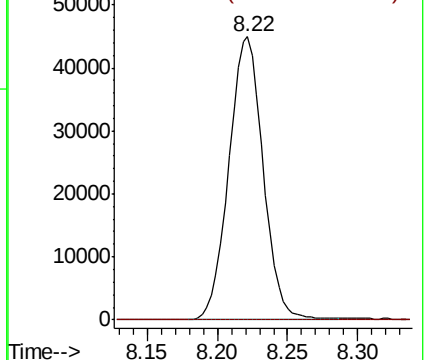


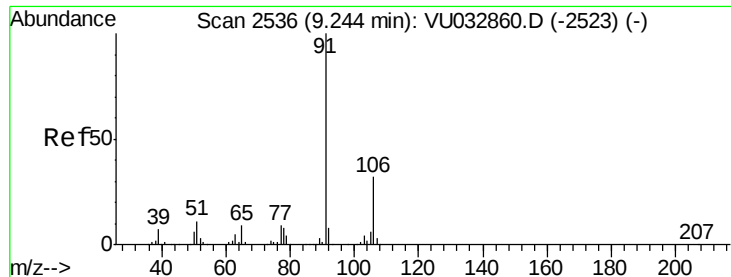
#49
Dibromochloromethane
Concen: 8.766 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

Tgt Ion:129 Resp: 76510
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



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





#52

Ethylbenzene

Concen: 0.434 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

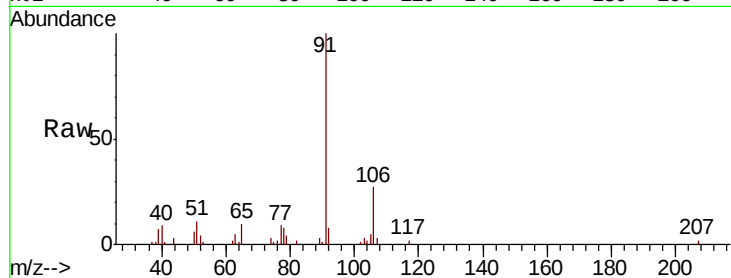
GALG2

Tgt Ion: 91 Resp: 19338

Ion Ratio Lower Upper

91 100

106 26.9 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU032866.D (-2523) (-)

Ion 106.15 (105.85 to 106.85): VU032866.D (-2523) (-)

9.25

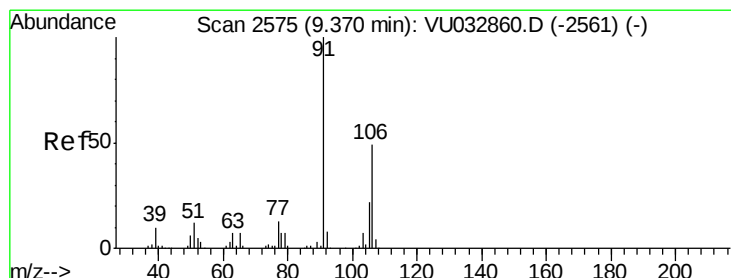
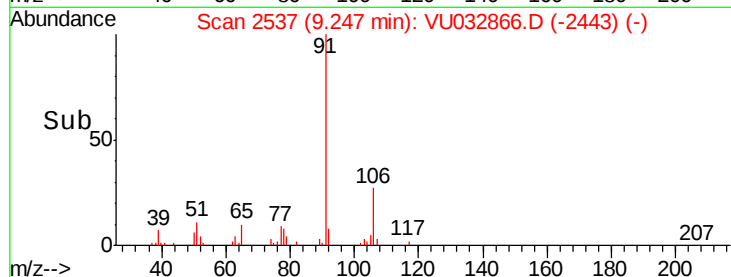
10000

5000

0

Time-->

9.20 9.25 9.30



#53

m,p-Xylene

Concen: 1.124 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032866.D

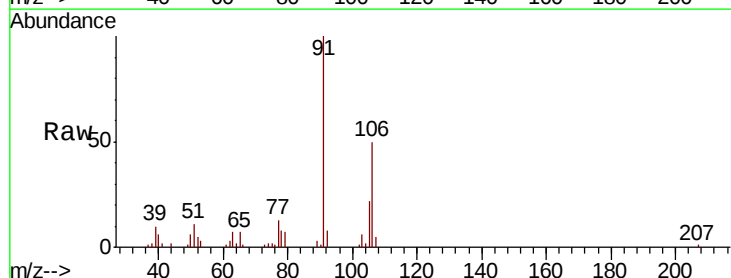
Acq: 19 Jun 2019 18:29

Tgt Ion: 106 Resp: 18980

Ion Ratio Lower Upper

106 100

91 200.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032866.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU032866.D (-2561) (-)

9.37

25000

20000

15000

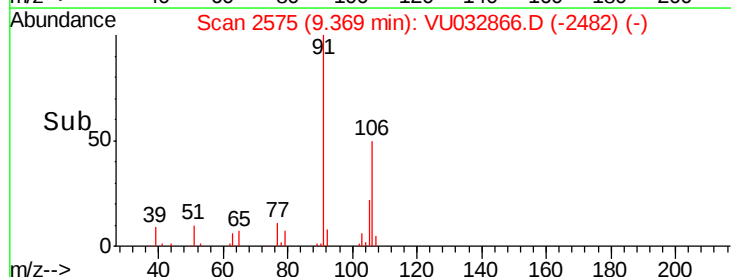
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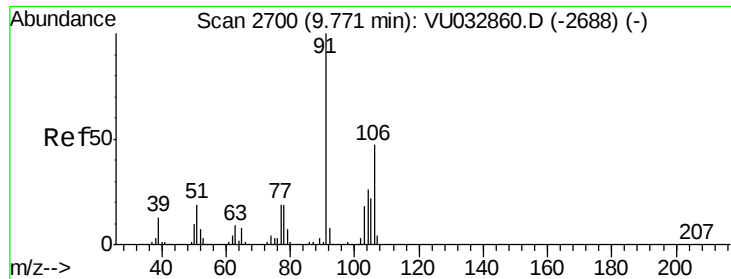
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0

Time-->

9.30 9.35 9.40 9.45 9.50

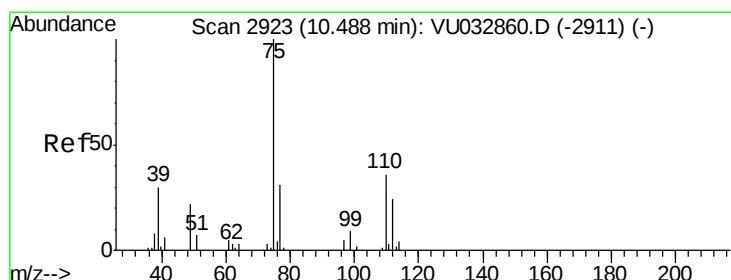
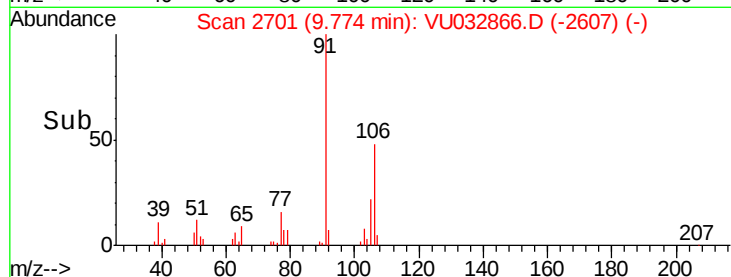
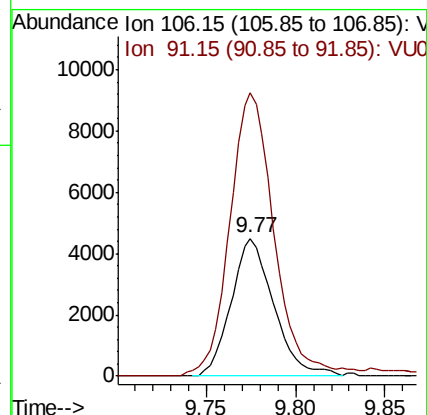
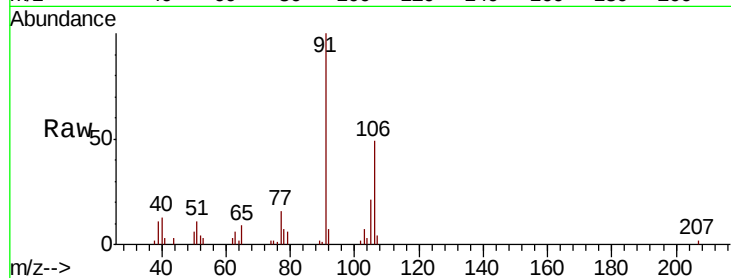




#54
o-Xylene
Concen: 0.443 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

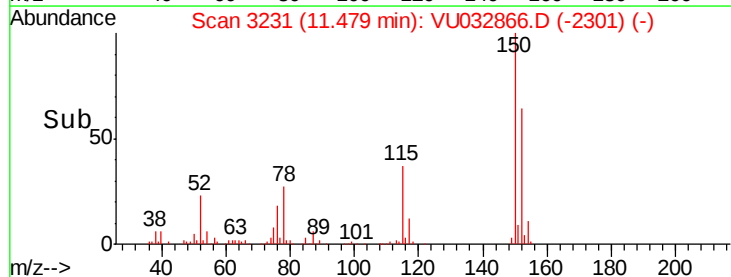
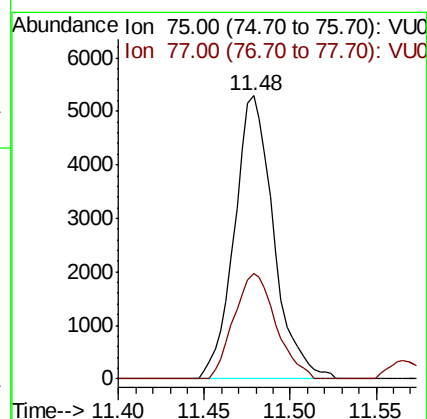
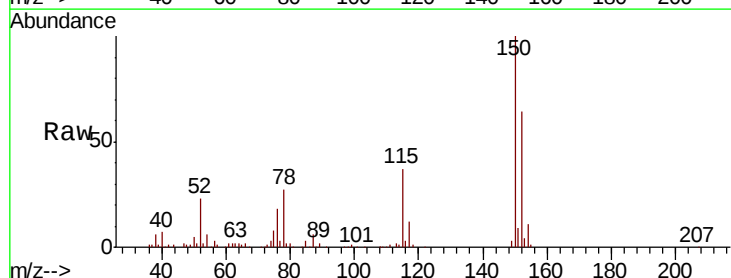
Instrument :
MSVOA_U
ClientSampleId :
GALG2

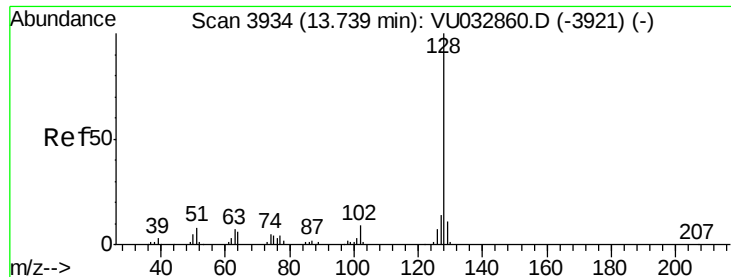
Tgt Ion: 106 Resp: 7466
Ion Ratio Lower Upper
106 100
91 205.0 148.8 276.4



#59
1,2,3-Trichloropropane
Concen: 1.363 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032866.D
Acq: 19 Jun 2019 18:29

Tgt Ion: 75 Resp: 8397
Ion Ratio Lower Upper
75 100
77 39.5 25.3 37.9#





#69

Naphthalene

Concen: 0.368 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

GALG2

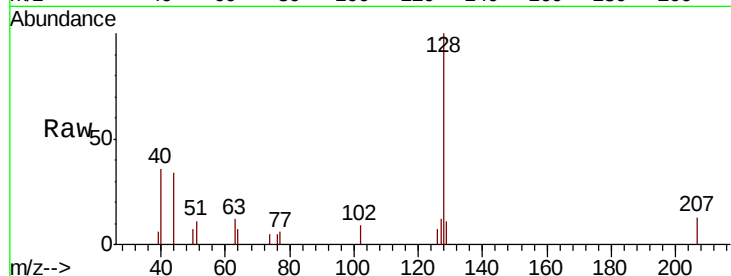
Tgt Ion:128 Resp: 8944

Ion Ratio Lower Upper

128 100

129 4.4 8.1 12.1#

127 6.5 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

