

Data File : VU029451.D
Acq On : 14 Feb 2019 12:36
Operator : JC/SP
Sample : K1436-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3

Quant Time: Feb 15 00:47:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203952	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54096	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.68	69	49401	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.27	63	89611	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.19	46	132657	46.56	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.65	84	93630	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.31	65	50780	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.34	84	208330	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	63473	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.56	98	199985	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	25157	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.31	63	132090	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51749	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	89557	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

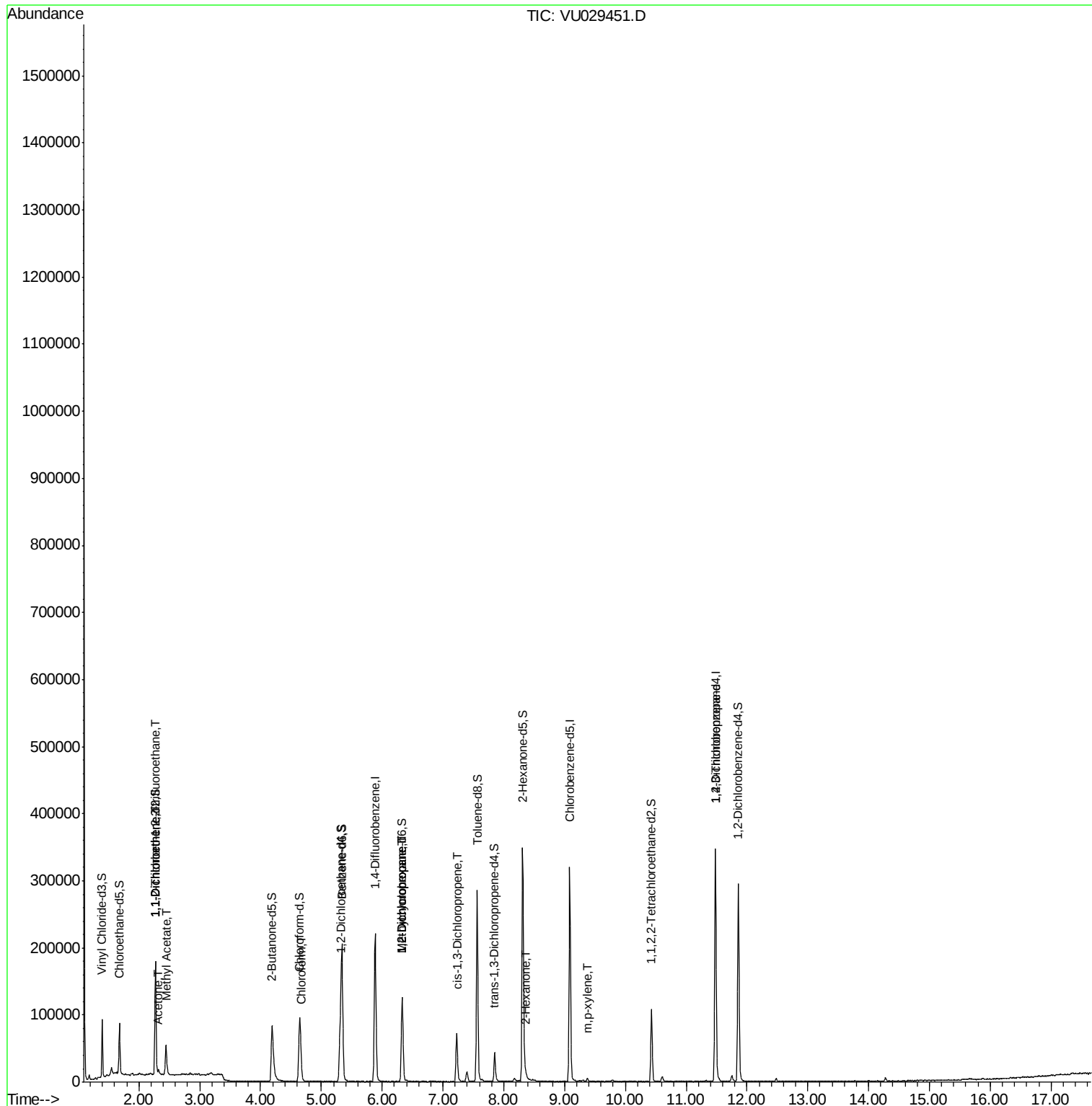
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	939	0.053	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1122	0.067	ug/L #	1
13) Acetone	2.32	43	6476	2.502	ug/L	98
15) Methyl Acetate	2.45	43	10215	1.541	ug/L #	47
25) Chloroform	4.68	83	7271	0.270	ug/L	100
35) Methylcyclohexane	6.33	83	15138	0.566	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6670	0.471	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1850	0.083	ug/L #	58
48) 2-Hexanone	8.37	43	1580	0.265	ug/L #	54
53) m,p-xylene	9.38	106	1646	0.057	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	10409	1.145	ug/L	95

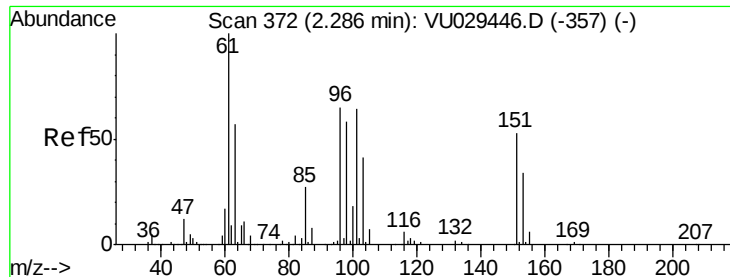
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.053 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

ESXB3

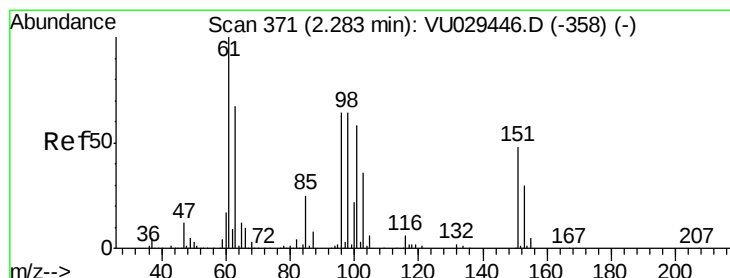
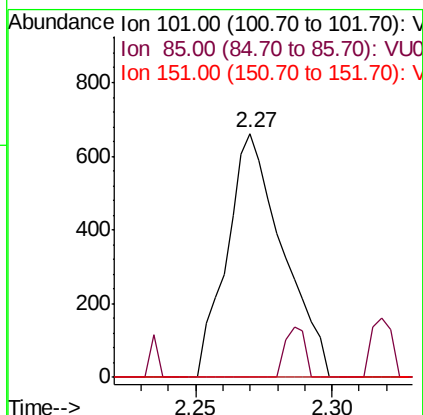
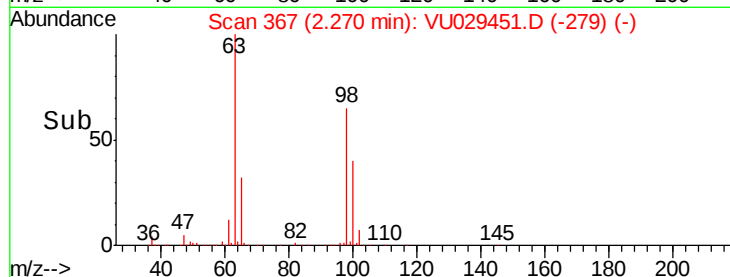
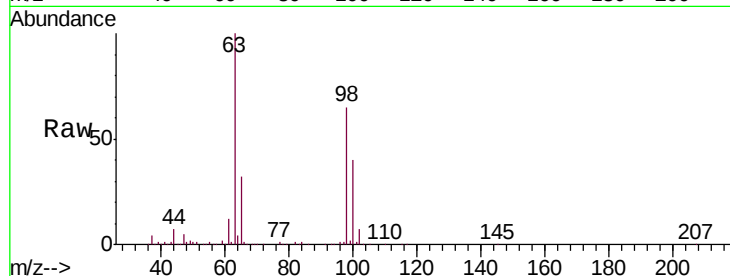
Tgt Ion: 101 Resp: 939

Ion Ratio Lower Upper

101 100

85 7.5 35.1 52.7#

151 0.0 67.0 100.6#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

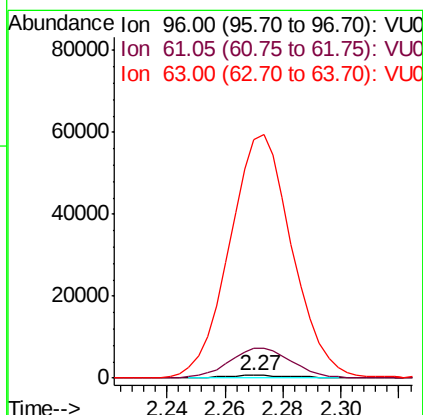
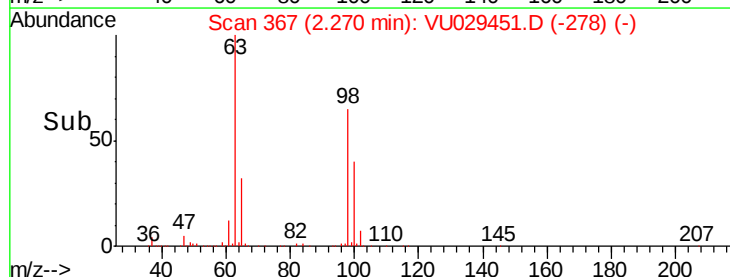
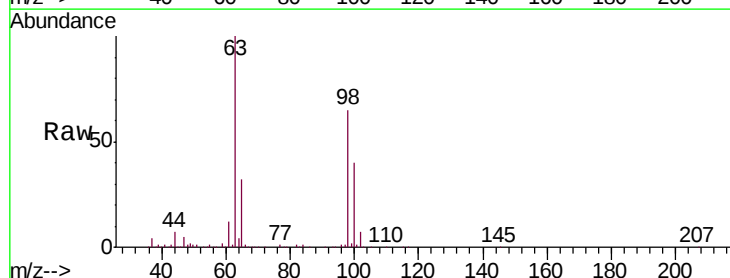
Tgt Ion: 96 Resp: 1122

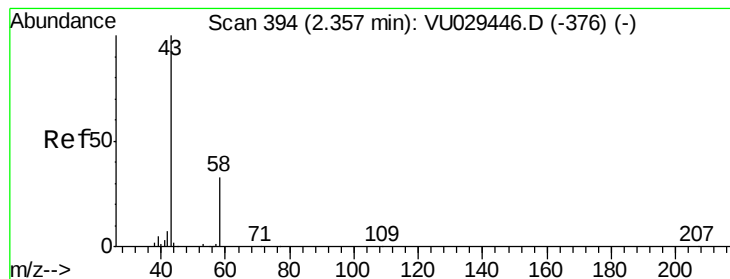
Ion Ratio Lower Upper

96 100

61 1151.9 115.1 213.7#

63 9364.3 83.5 155.1#





#13

Acetone

Concen: 2.502 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

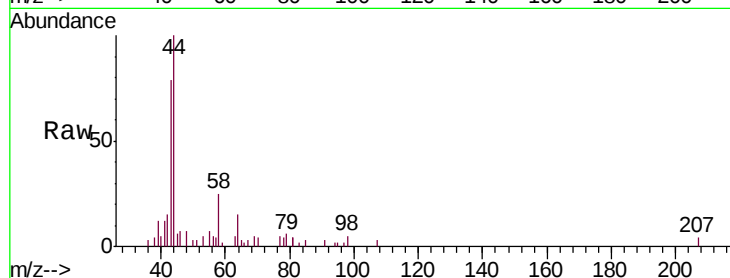
ESXB3

Tgt Ion: 43 Resp: 6476

Ion Ratio Lower Upper

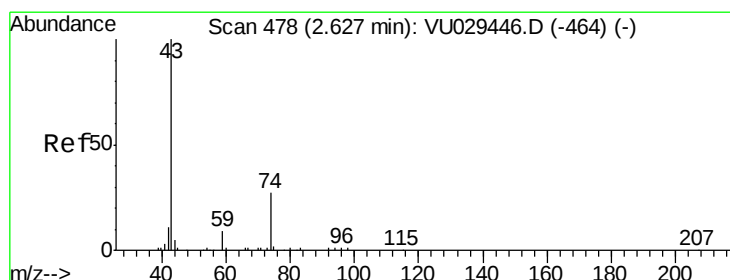
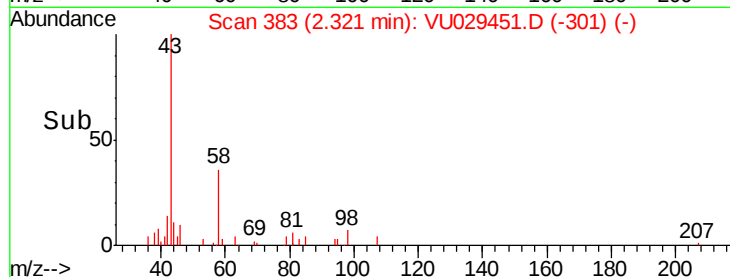
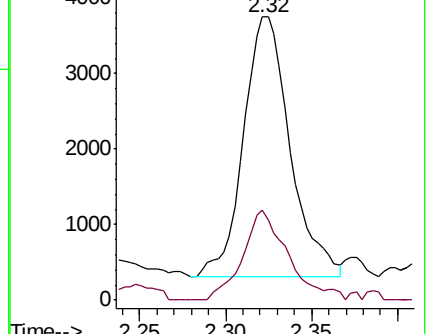
43 100

58 33.6 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.541 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.18 min

Lab File: VU029451.D

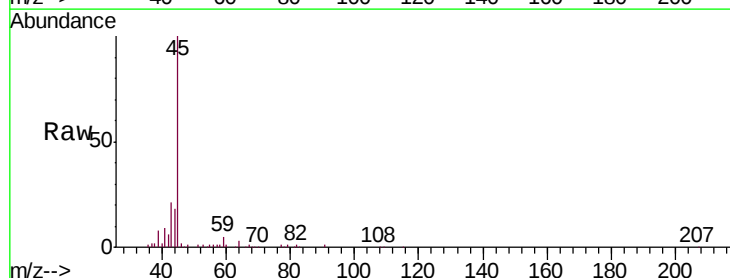
Acq: 14 Feb 2019 12:36

Tgt Ion: 43 Resp: 10215

Ion Ratio Lower Upper

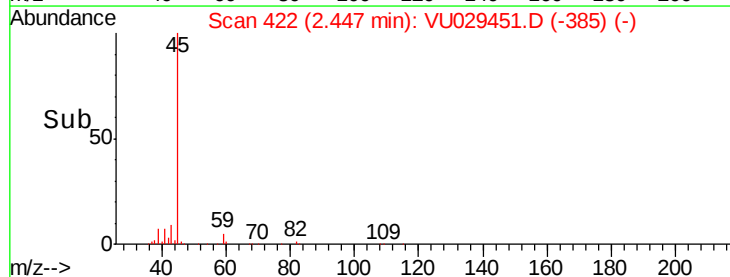
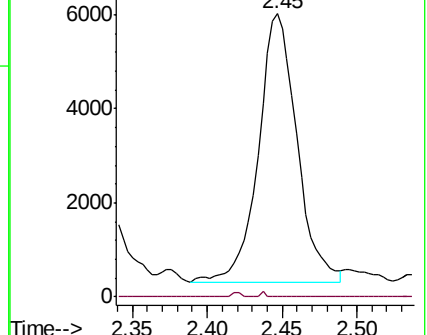
43 100

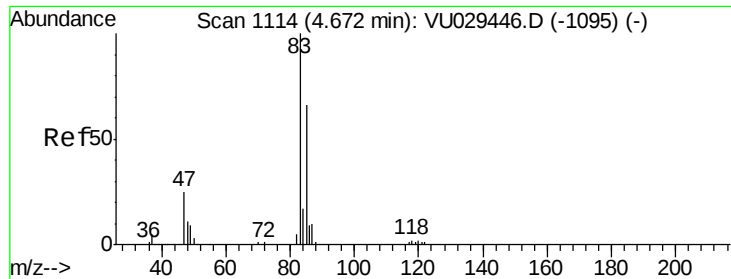
74 0.2 22.3 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#25

Chloroform

Concen: 0.270 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

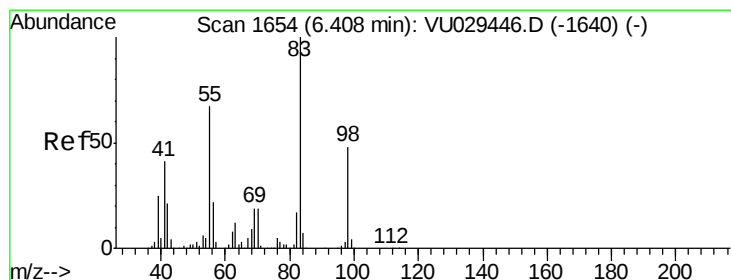
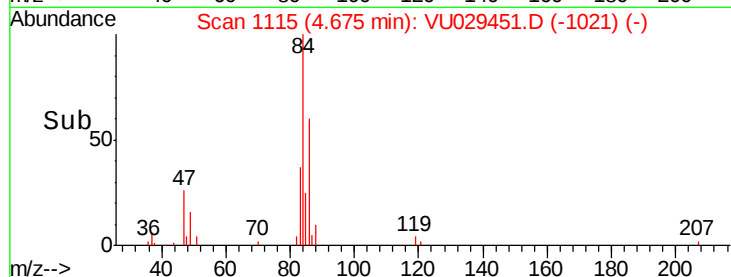
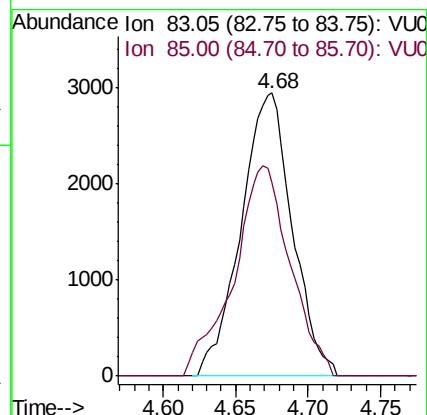
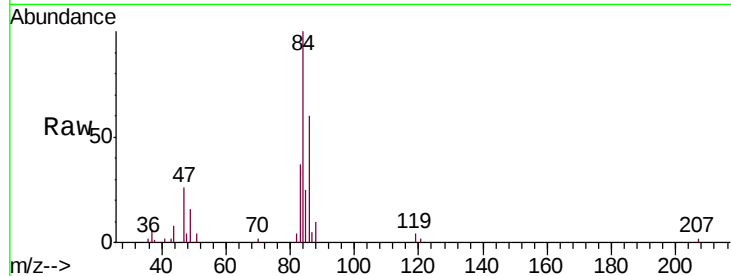
ESXB3

Tgt Ion: 83 Resp: 7271

Ion Ratio Lower Upper

83 100

85 68.5 47.8 88.8



#35

Methylcyclohexane

Concen: 0.566 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

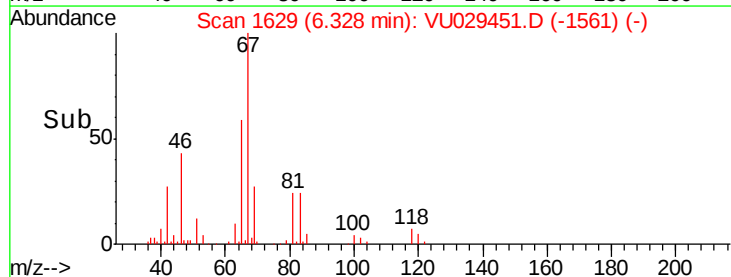
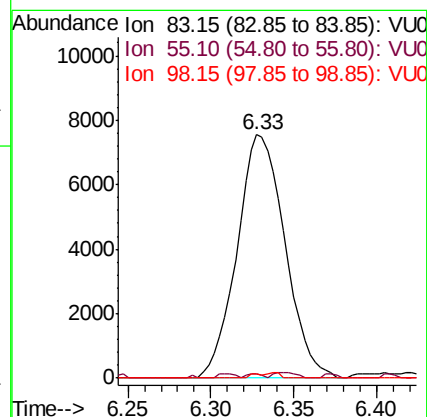
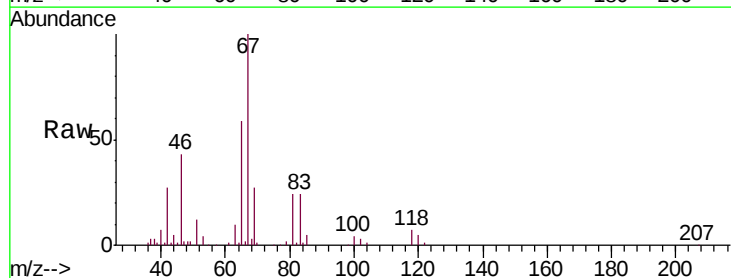
Tgt Ion: 83 Resp: 15138

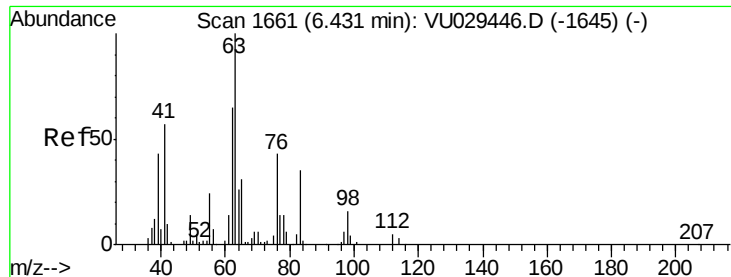
Ion Ratio Lower Upper

83 100

55 0.6 55.9 83.9#

98 0.0 38.6 57.8#

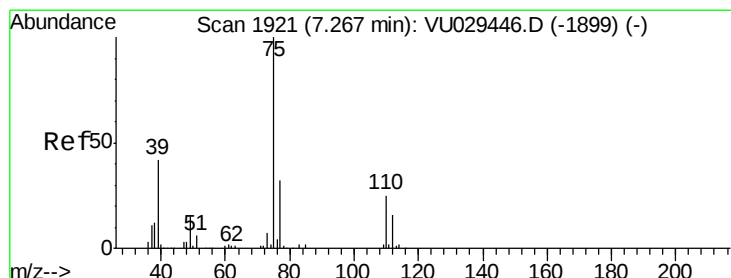
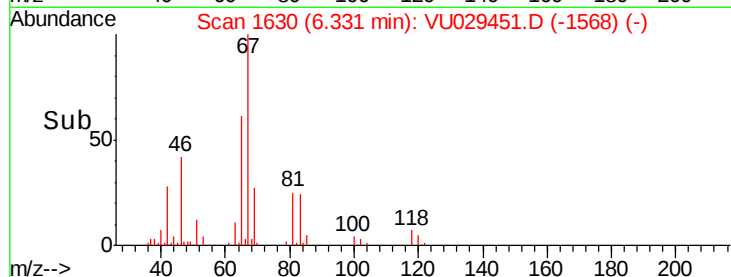
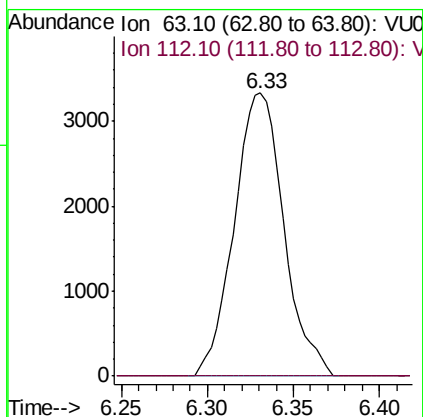
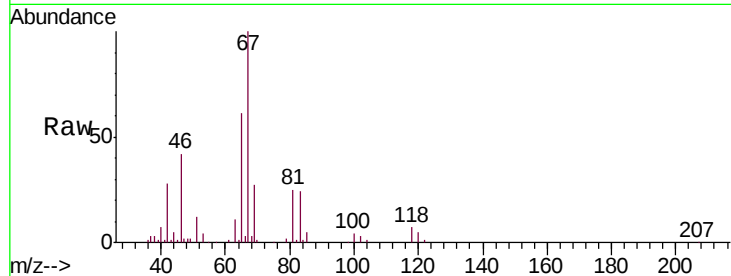




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029451.D
 Acq: 14 Feb 2019 12:36

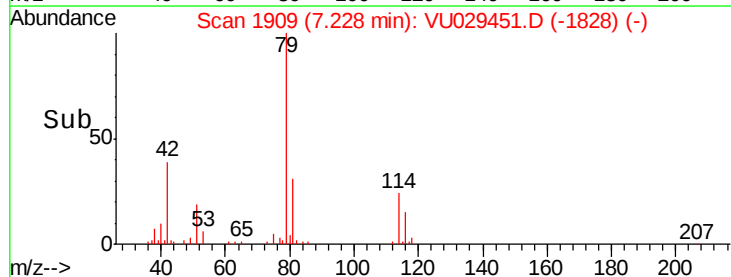
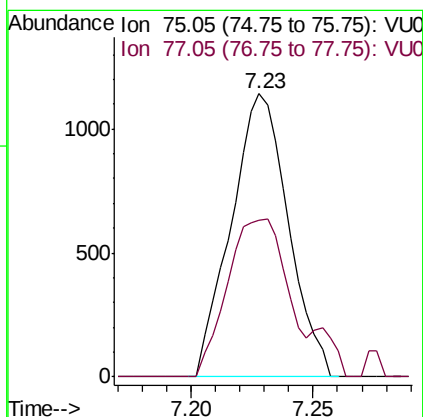
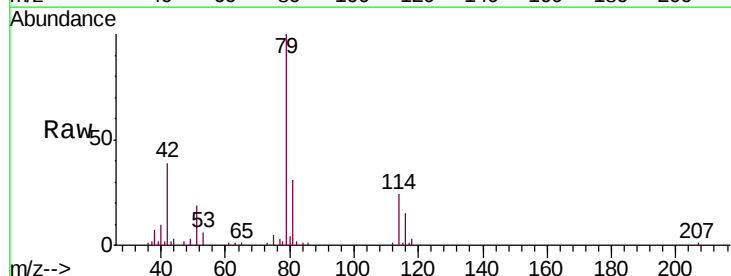
Instrument :
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 ClientSampleId :
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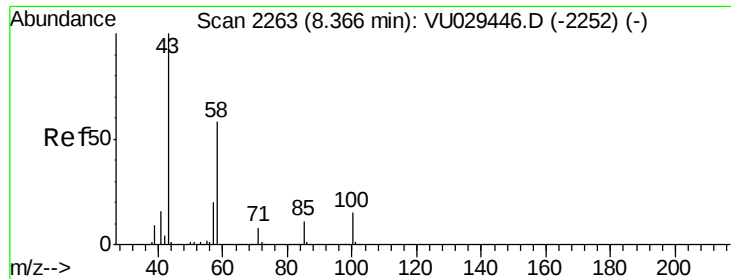
Tgt Ion: 63 Resp: 6670
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029451.D
 Acq: 14 Feb 2019 12:36

Tgt Ion: 75 Resp: 1850
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.3 41.3#

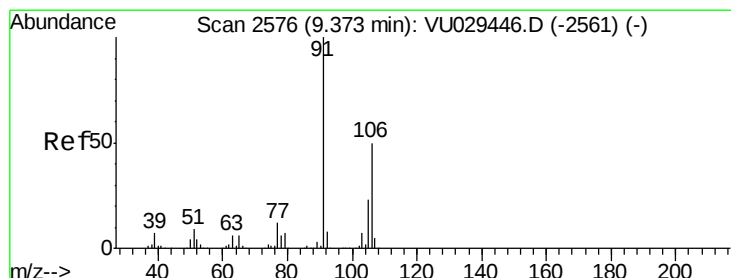
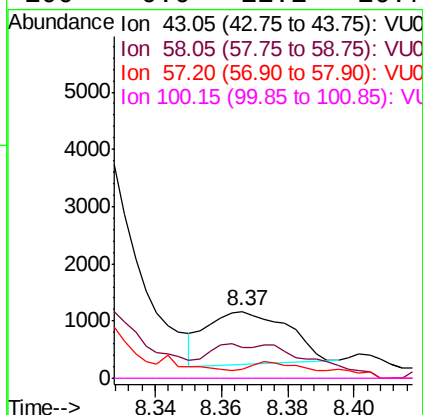
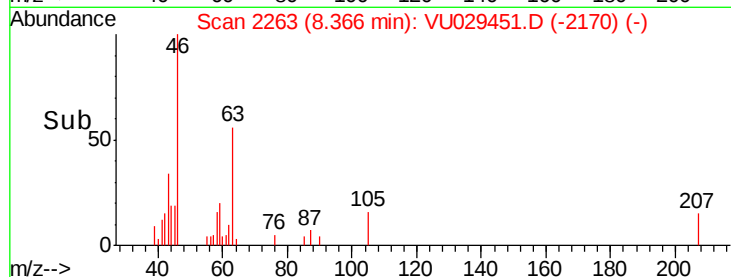
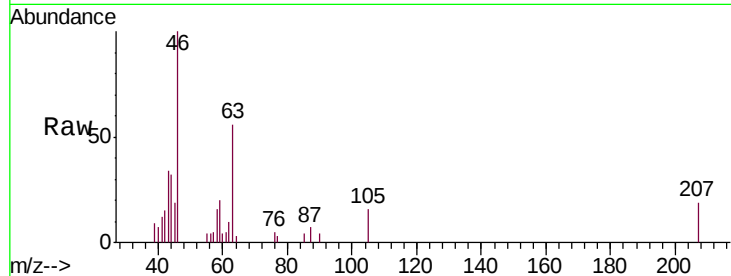




#48
2-Hexanone
Concen: 0.265 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029451.D
Acq: 14 Feb 2019 12:36

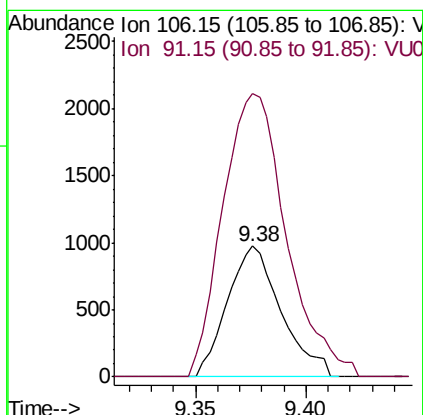
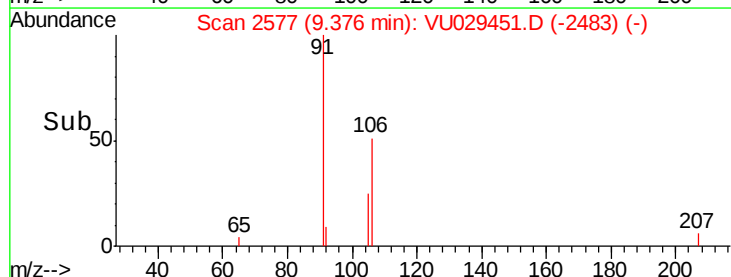
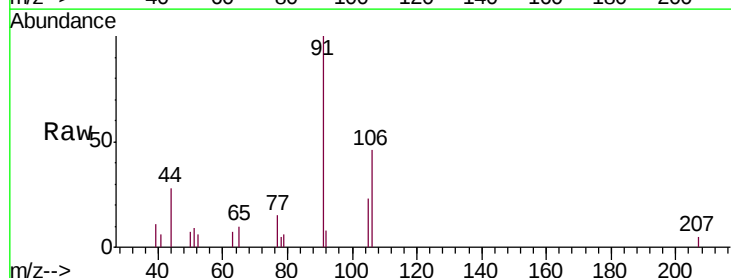
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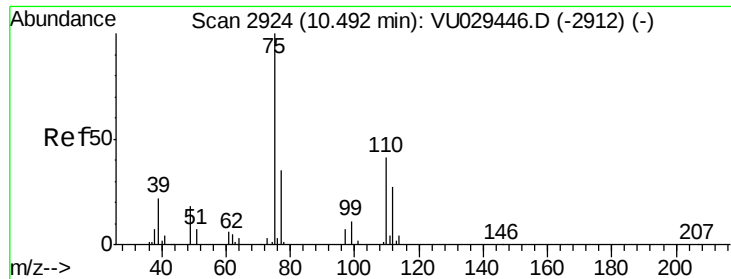
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 13.5 45.7 68.5#
57 28.5 16.4 24.6#
100 0.0 11.1 16.7#



#53
m,p-xylene
Concen: 0.057 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029451.D
Acq: 14 Feb 2019 12:36

Tgt Ion: 106 Resp: 1646
Ion Ratio Lower Upper
106 100
91 216.2 135.7 251.9





#59

1,2,3-Trichloropropane

Concen: 1.145 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029451.D

Acq: 14 Feb 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

ESXB3

Tgt Ion: 75 Resp: 10409

Ion Ratio Lower Upper

75 100

77 38.3 28.2 42.2

