

Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB9

Quant Time: Feb 15 01:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47408	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.68	69	46353	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.27	63	79059	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.19	46	133630	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.65	84	92633	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	47927	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.34	84	189058	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	57115	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.56	98	174814	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.85	79	22101	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.31	63	135799	51.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50676	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	78653	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	10051	0.628	ug/L #	54
8) Chloroethane	1.55	64	264210	21.750	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	806	0.048	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	972	0.061	ug/L #	1
13) Acetone	2.32	43	5630	2.290	ug/L	89
14) Carbon disulfide	2.48	76	4342	0.083	ug/L #	81
27) 1,2-Dichloroethane	5.33	62	811	0.055	ug/L #	72
33) Benzene	5.39	78	3929	0.074	ug/L	100
35) Methylcyclohexane	6.33	83	14115	0.564	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	5909	0.446	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1548	0.074	ug/L #	70
42) Toluene	7.64	91	2415	0.041	ug/L	82
48) 2-Hexanone	8.37	43	1547	0.278	ug/L #	59
53) m,p-xylene	9.38	106	2203	0.082	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	9177	1.080	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

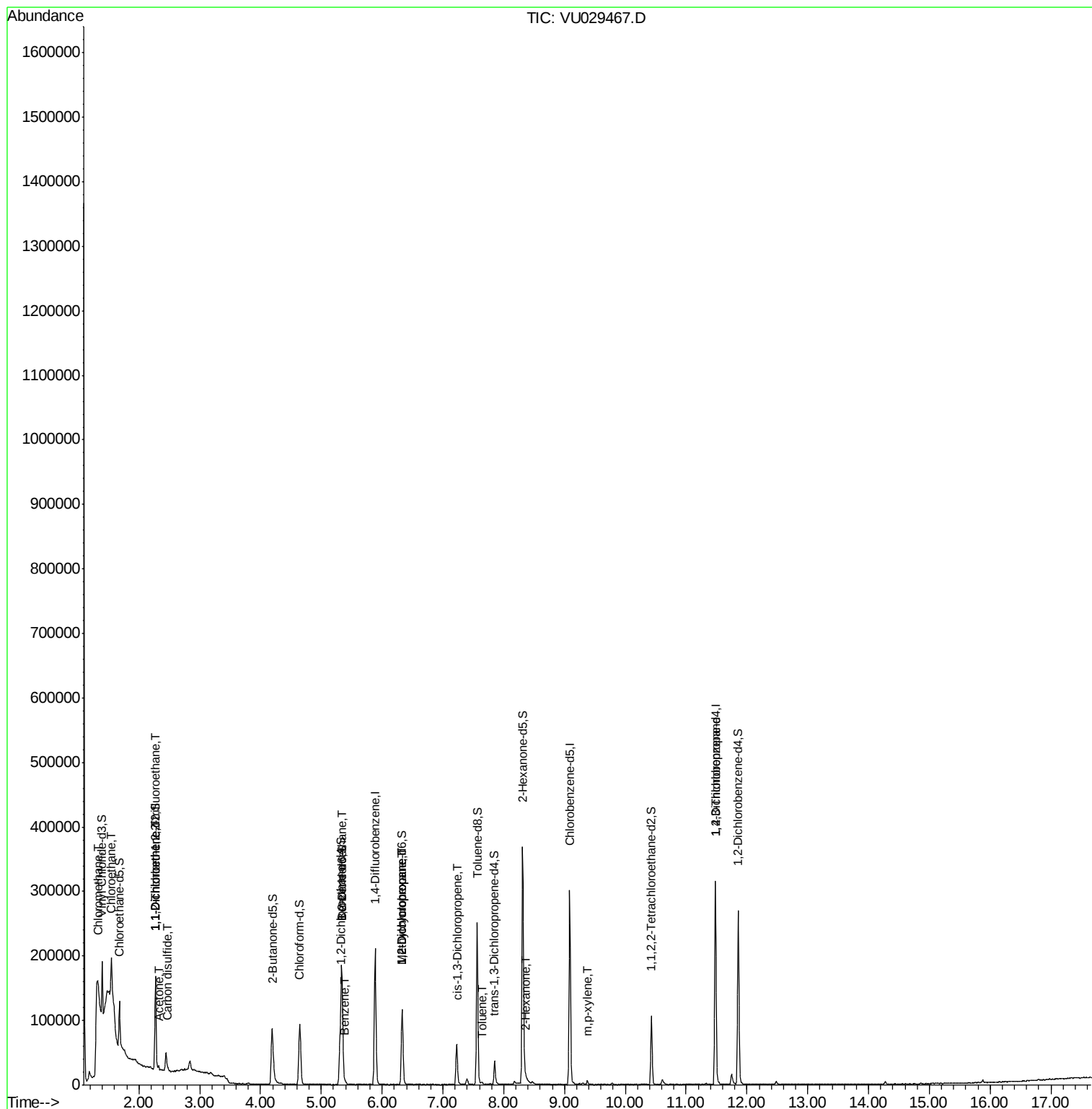
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

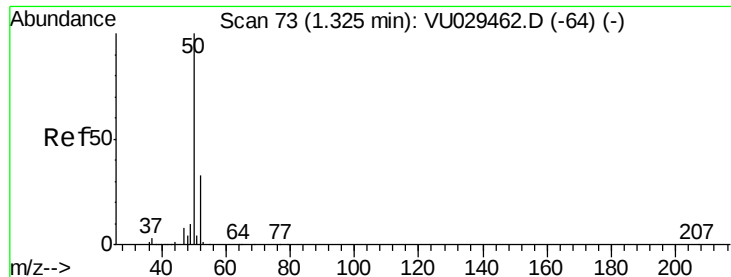
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.628 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

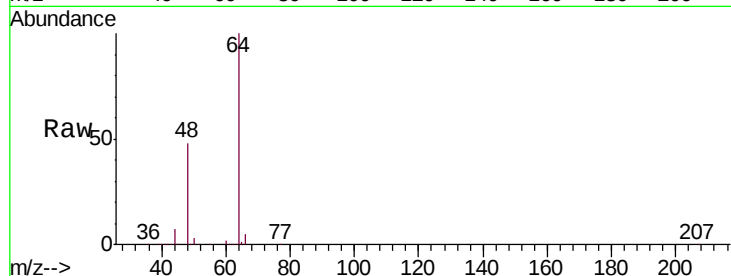
ESXB9

Tgt Ion: 50 Resp: 10051

Ion Ratio Lower Upper

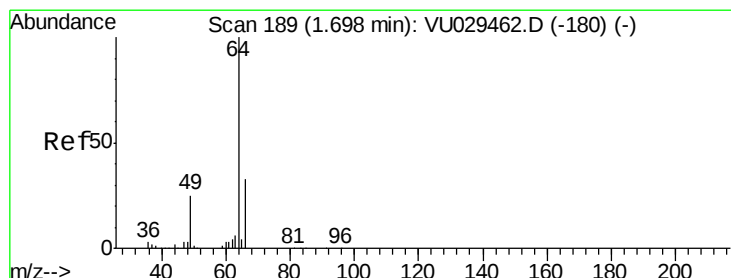
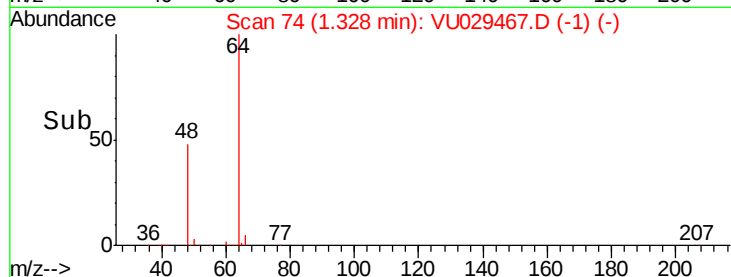
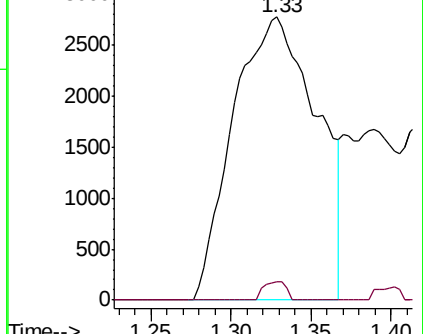
50 100

52 6.7 23.1 42.9#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 21.750 ug/L

RT: 1.55 min Scan# 142

Delta R.T. -0.15 min

Lab File: VU029467.D

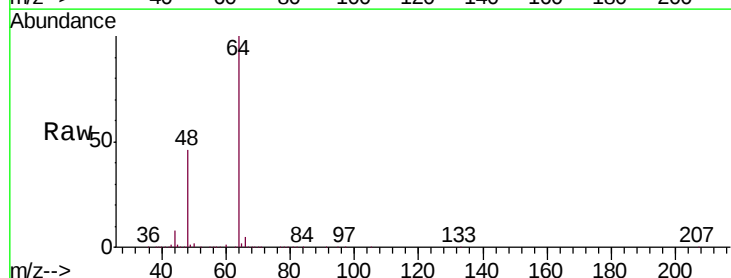
Acq: 14 Feb 2019 19:55

Tgt Ion: 64 Resp: 264210

Ion Ratio Lower Upper

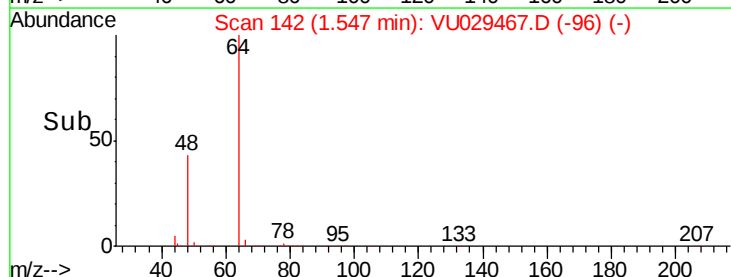
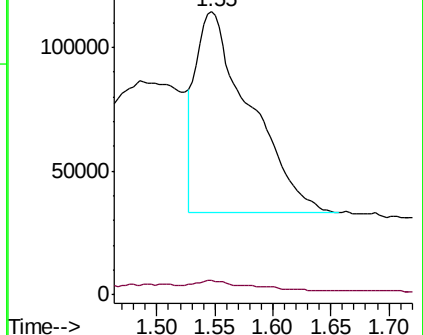
64 100

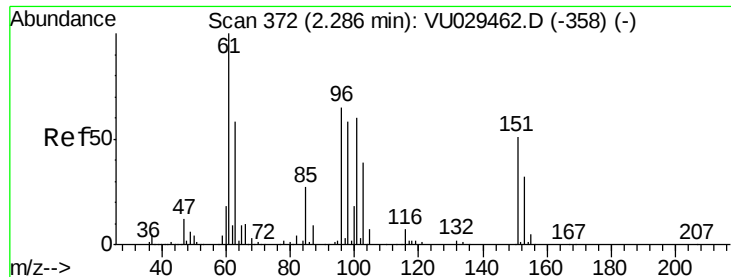
66 5.0 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.048 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampled :

ESXB9

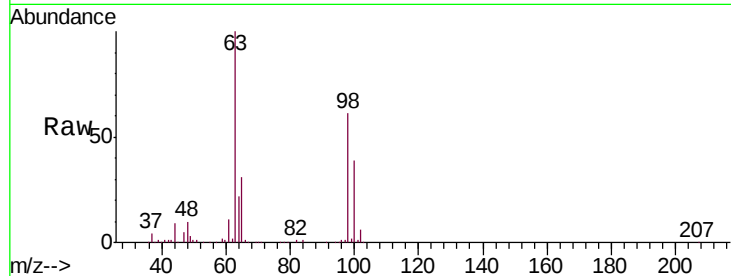
Tgt Ion: 101 Resp: 806

Ion Ratio Lower Upper

101 100

85 5.1 35.1 52.7#

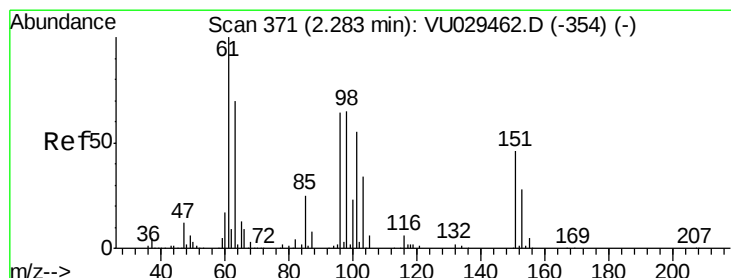
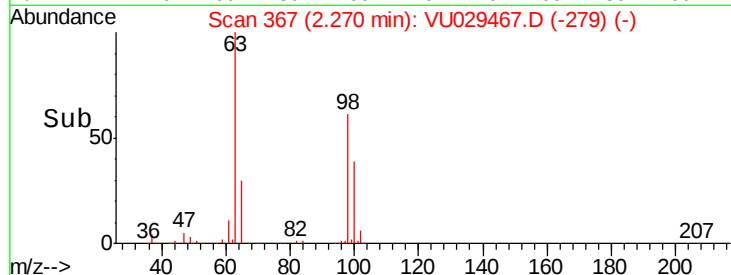
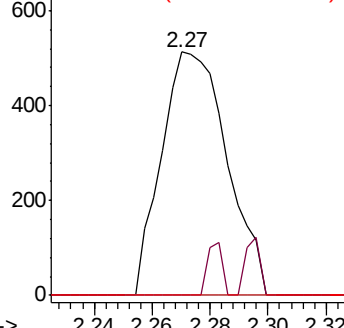
151 0.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

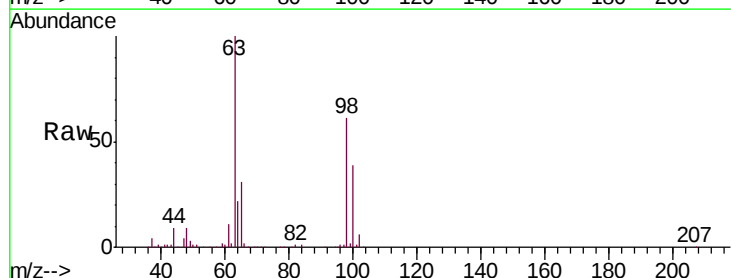
Tgt Ion: 96 Resp: 972

Ion Ratio Lower Upper

96 100

61 915.0 115.1 213.7#

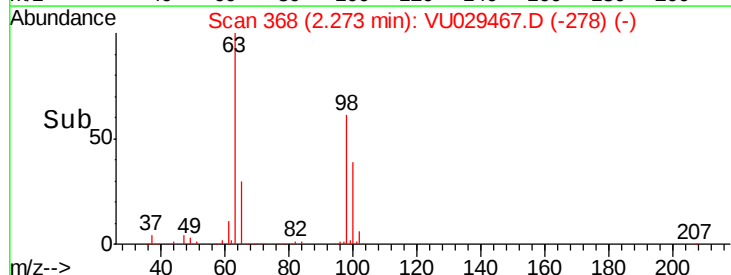
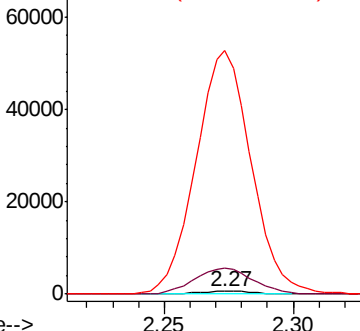
63 8592.8 83.5 155.1#

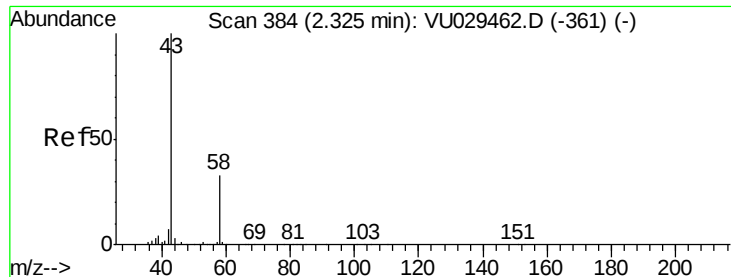


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.290 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

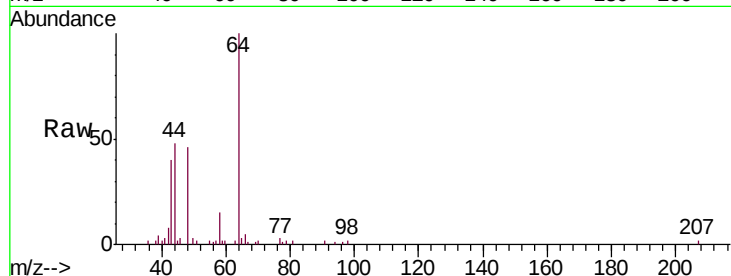
ESXB9

Tgt Ion: 43 Resp: 5630

Ion Ratio Lower Upper

43 100

58 38.6 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

4000

3000

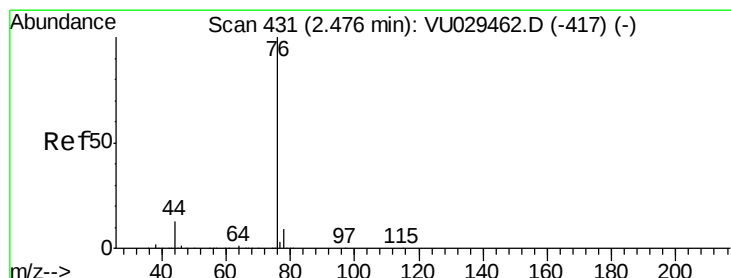
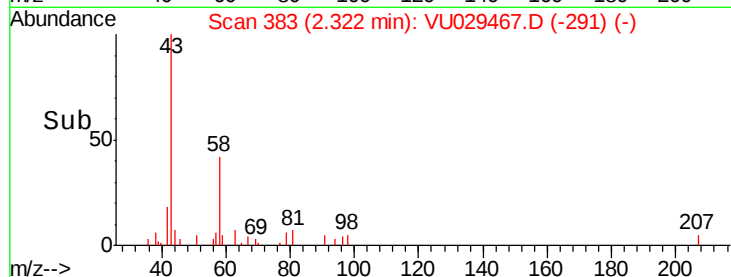
2000

1000

0

Time-->

2.30 2.35



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029467.D

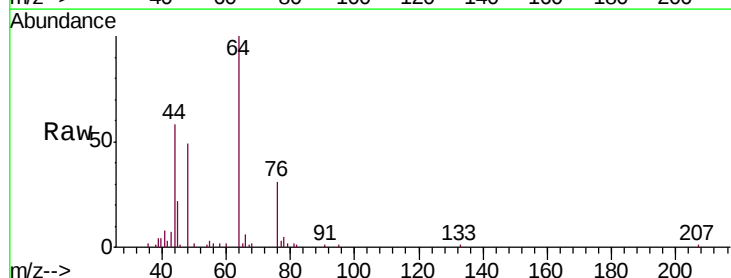
Acq: 14 Feb 2019 19:55

Tgt Ion: 76 Resp: 4342

Ion Ratio Lower Upper

76 100

78 16.4 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

2500

2000

1500

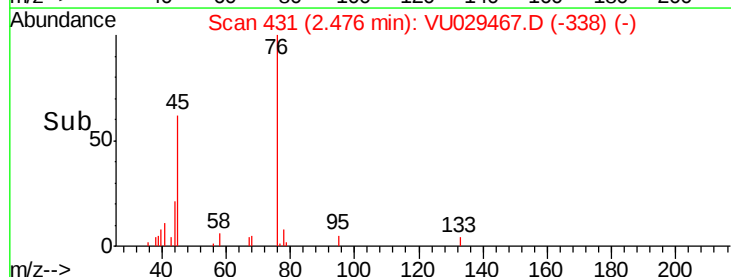
1000

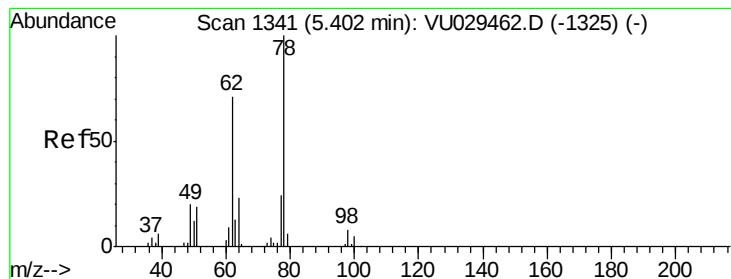
500

0

Time-->

2.45 2.50





#27

1,2-Dichloroethane

Concen: 0.055 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

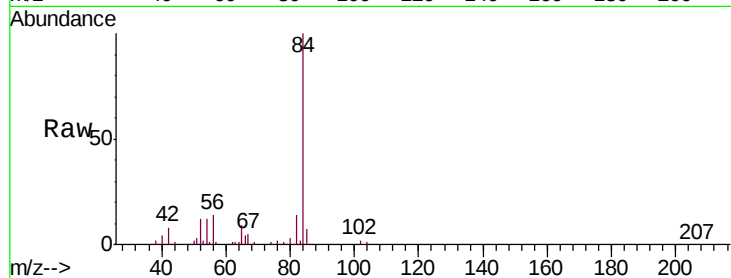
ESXB9

Tgt Ion: 62 Resp: 811

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.33

5.32 5.34 5.36 5.38

500

400

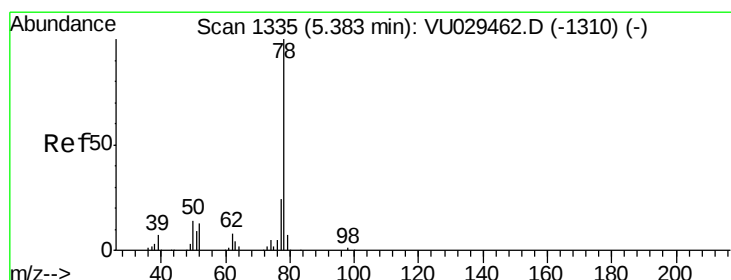
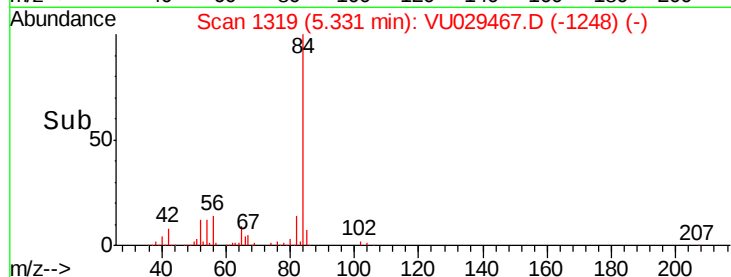
300

200

100

0

Time-->



#33

Benzene

Concen: 0.074 ug/L

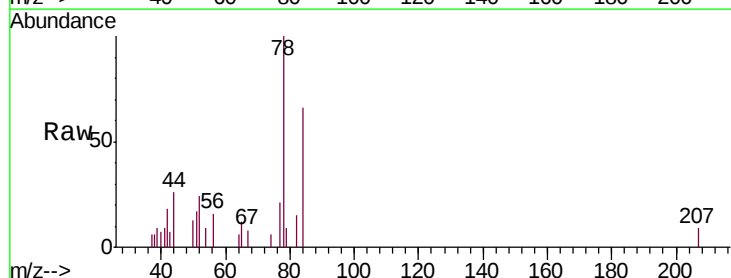
RT: 5.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Tgt Ion: 78 Resp: 3929



Abundance Ion 78.10 (77.80 to 78.80): VU0

2000

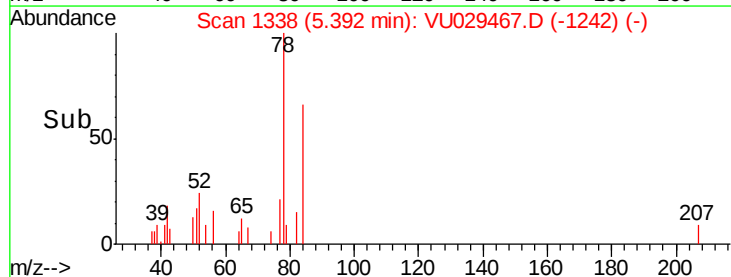
1500

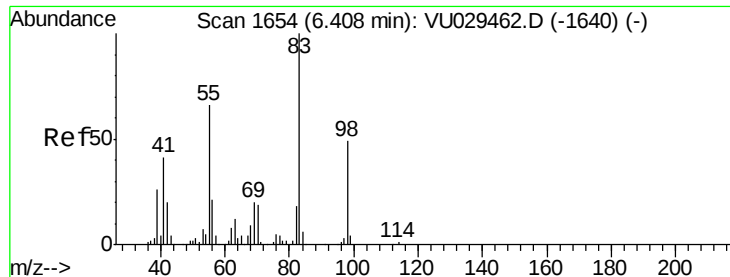
1000

500

0

Time-->





#35

Methylcyclohexane

Concen: 0.564 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

ESXB9

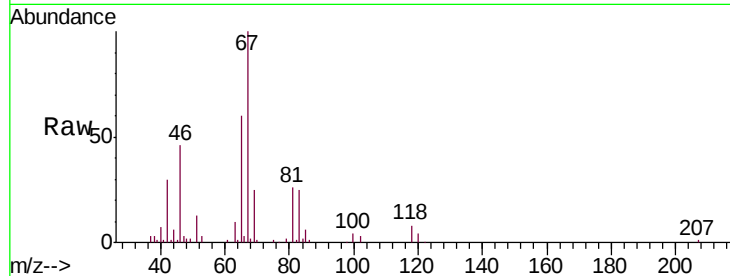
Tgt Ion: 83 Resp: 14115

Ion Ratio Lower Upper

83 100

55 0.5 55.9 83.9#

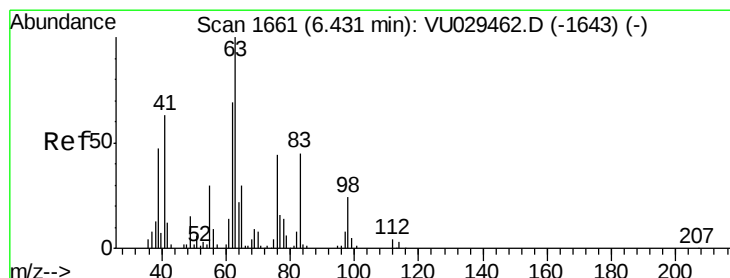
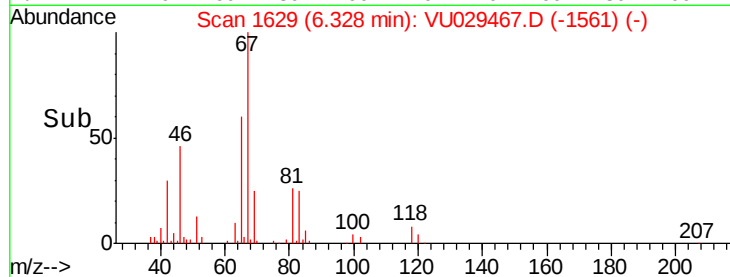
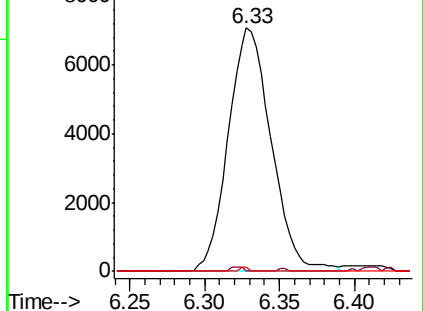
98 0.3 38.6 57.8#



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: 0.446 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029467.D

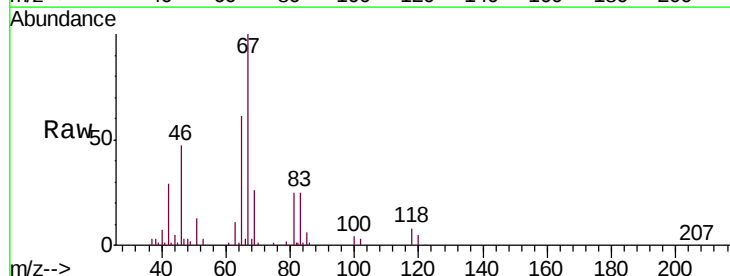
Acq: 14 Feb 2019 19:55

Tgt Ion: 63 Resp: 5909

Ion Ratio Lower Upper

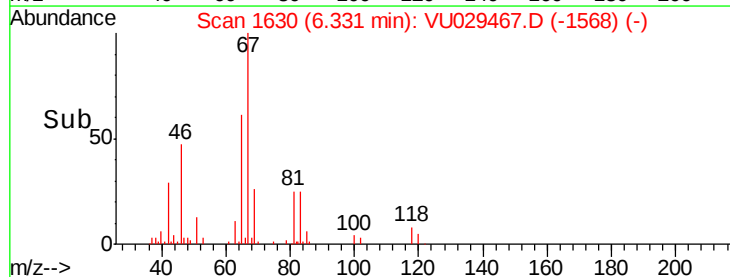
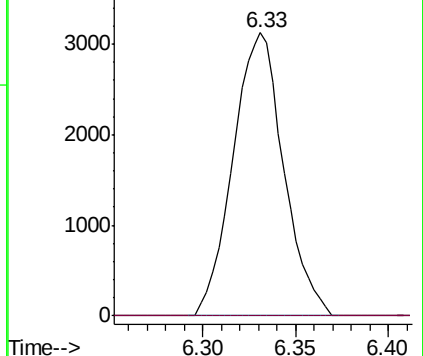
63 100

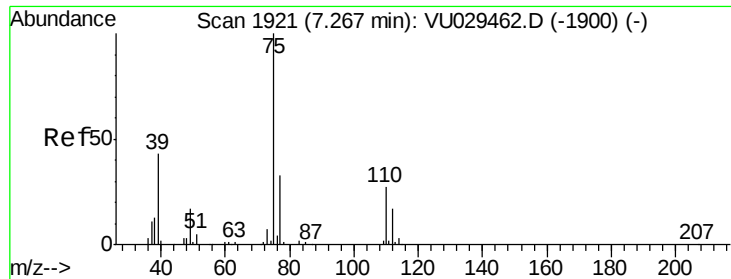
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



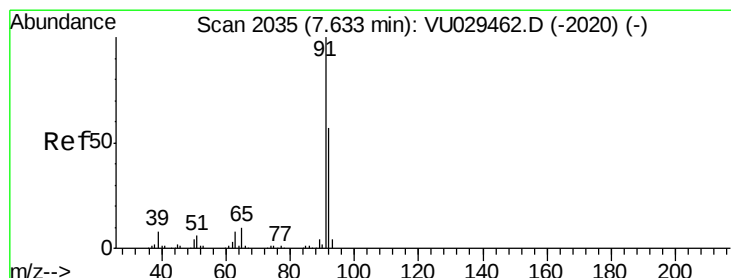
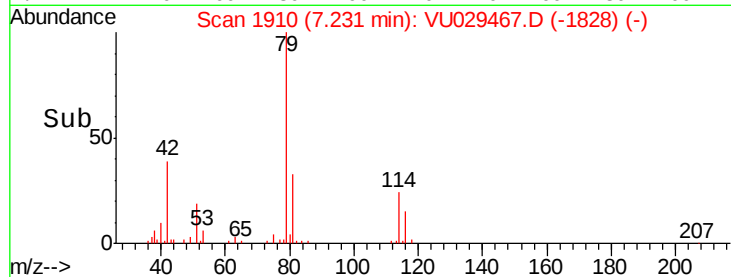
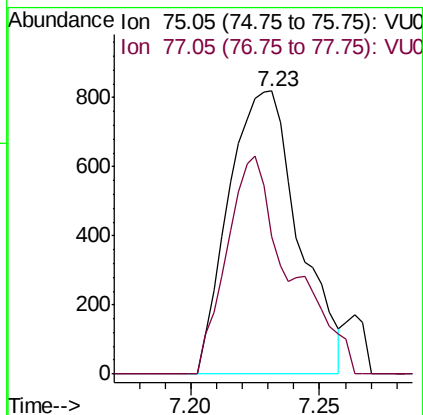
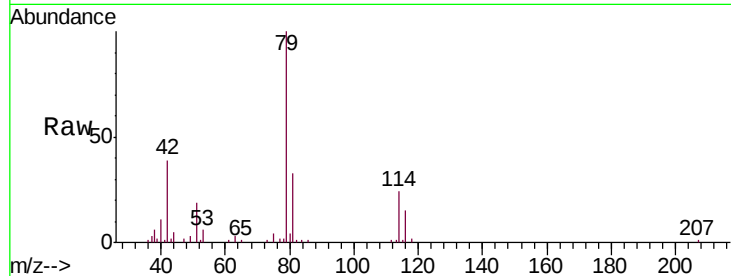


#39

cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029467.D
Acq: 14 Feb 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB9

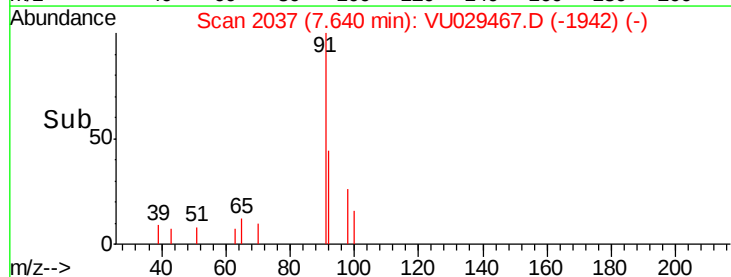
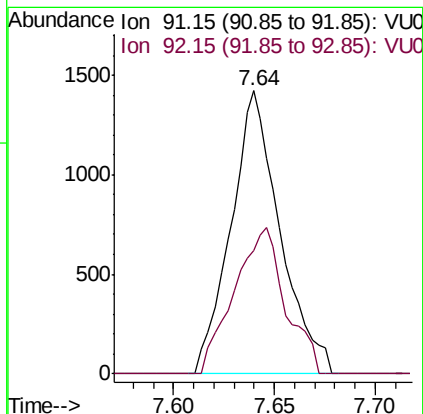
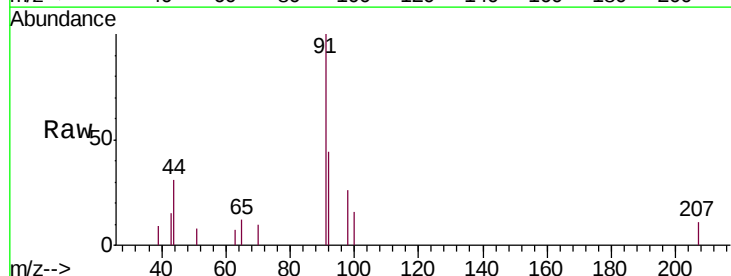
Tgt Ion: 75 Resp: 1548
Ion Ratio Lower Upper
75 100
77 48.7 22.3 41.3#

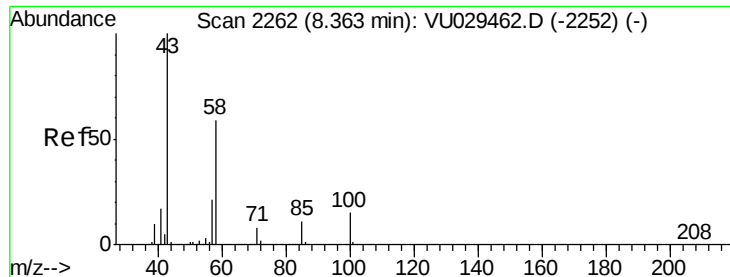


#42

Toluene
Concen: 0.041 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029467.D
Acq: 14 Feb 2019 19:55

Tgt Ion: 91 Resp: 2415
Ion Ratio Lower Upper
91 100
92 43.7 39.8 73.8

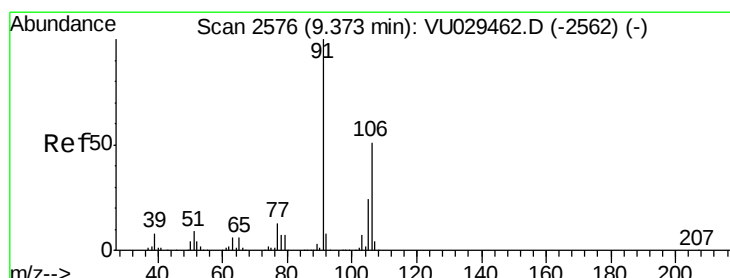
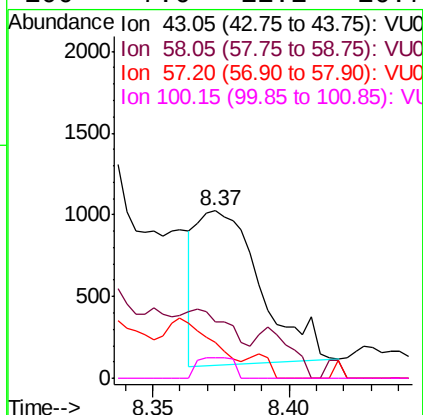
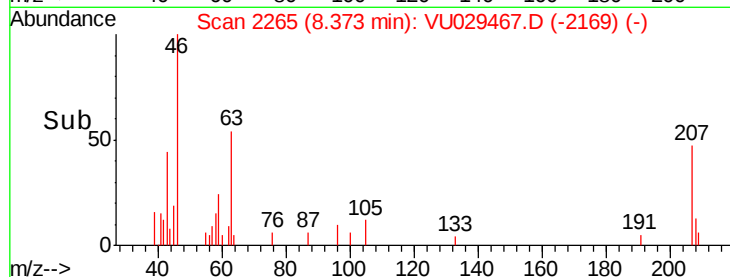
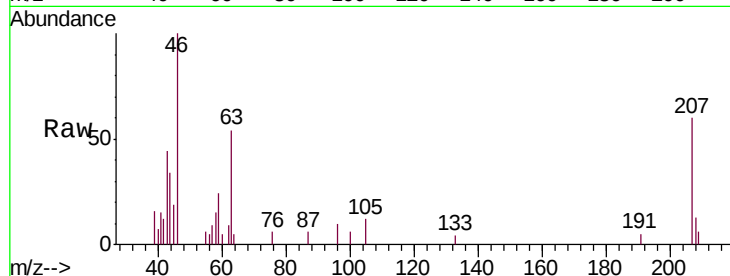




#48
2-Hexanone
Concen: 0.278 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029467.D
Acq: 14 Feb 2019 19:55

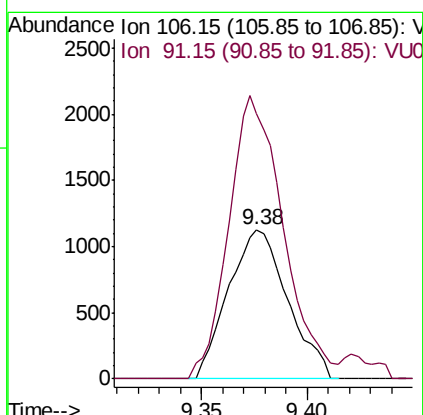
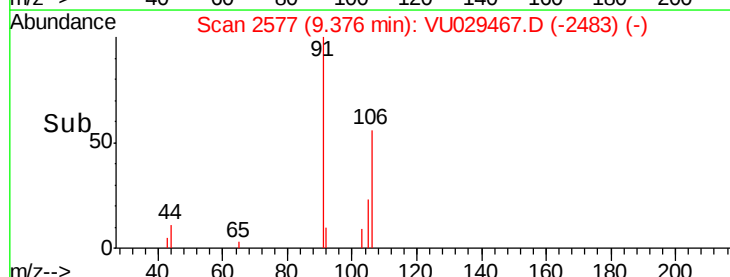
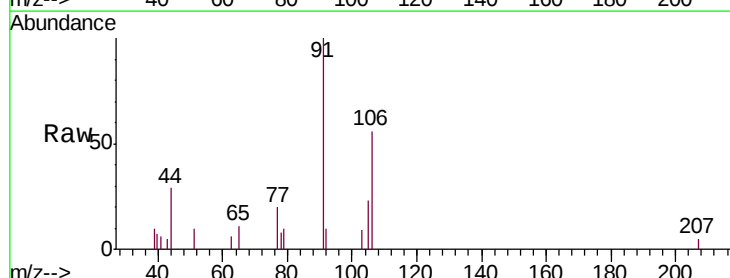
Instrument :
MSVOA_U
ClientSampleId :
ESXB9

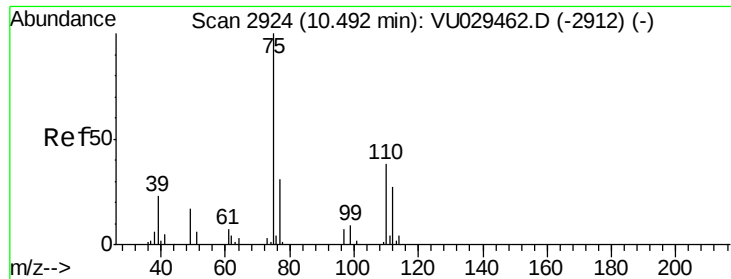
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 16.9 45.7 68.5#
57 30.4 16.4 24.6#
100 7.6 11.1 16.7#



#53
m,p-xylene
Concen: 0.082 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029467.D
Acq: 14 Feb 2019 19:55

Tgt Ion: 106 Resp: 2203
Ion Ratio Lower Upper
106 100
91 177.1 135.7 251.9





#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029467.D

Acq: 14 Feb 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

ESXB9

Tgt Ion: 75 Resp: 9177

Ion Ratio Lower Upper

75 100

77 38.9 28.2 42.2

