

Data File : VU029464.D
Acq On : 14 Feb 2019 18:44
Operator : JC/SP
Sample : K1436-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Quant Time: Feb 15 01:57:54 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	191146	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50472	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.68	69	50031	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	82304	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.20	46	119912	44.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.65	84	72388	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	5.31	65	47030	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.34	84	194941	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	59992	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.56	98	184632	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	22356	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	126958	49.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50255	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	81874	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	873	0.053 ug/L #	16
12) 1,1-Dichloroethene	2.28	96	987	0.063 ug/L #	1
13) Acetone	2.33	43	39939	16.464 ug/L	96
15) Methyl Acetate	2.49	43	5939	0.956 ug/L #	47
21) 2-Butanone	4.29	43	3012	1.005 ug/L #	17
25) Chloroform	4.67	83	22141	0.876 ug/L	99
33) Benzene	5.39	78	55084	1.071 ug/L	100
35) Methylcyclohexane	6.33	83	13788	0.567 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6068	0.471 ug/L #	87
42) Toluene	7.64	91	52665	0.912 ug/L	97
48) 2-Hexanone	8.37	43	3567	0.659 ug/L #	95
52) Ethylbenzene	9.25	91	4010	0.061 ug/L	99
53) m,p-xylene	9.38	106	4374	0.168 ug/L	93
54) o-xylene	9.78	106	3403	0.133 ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	9310	1.126 ug/L	91
69) Naphthalene	13.75	128	4362	0.111 ug/L #	95

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

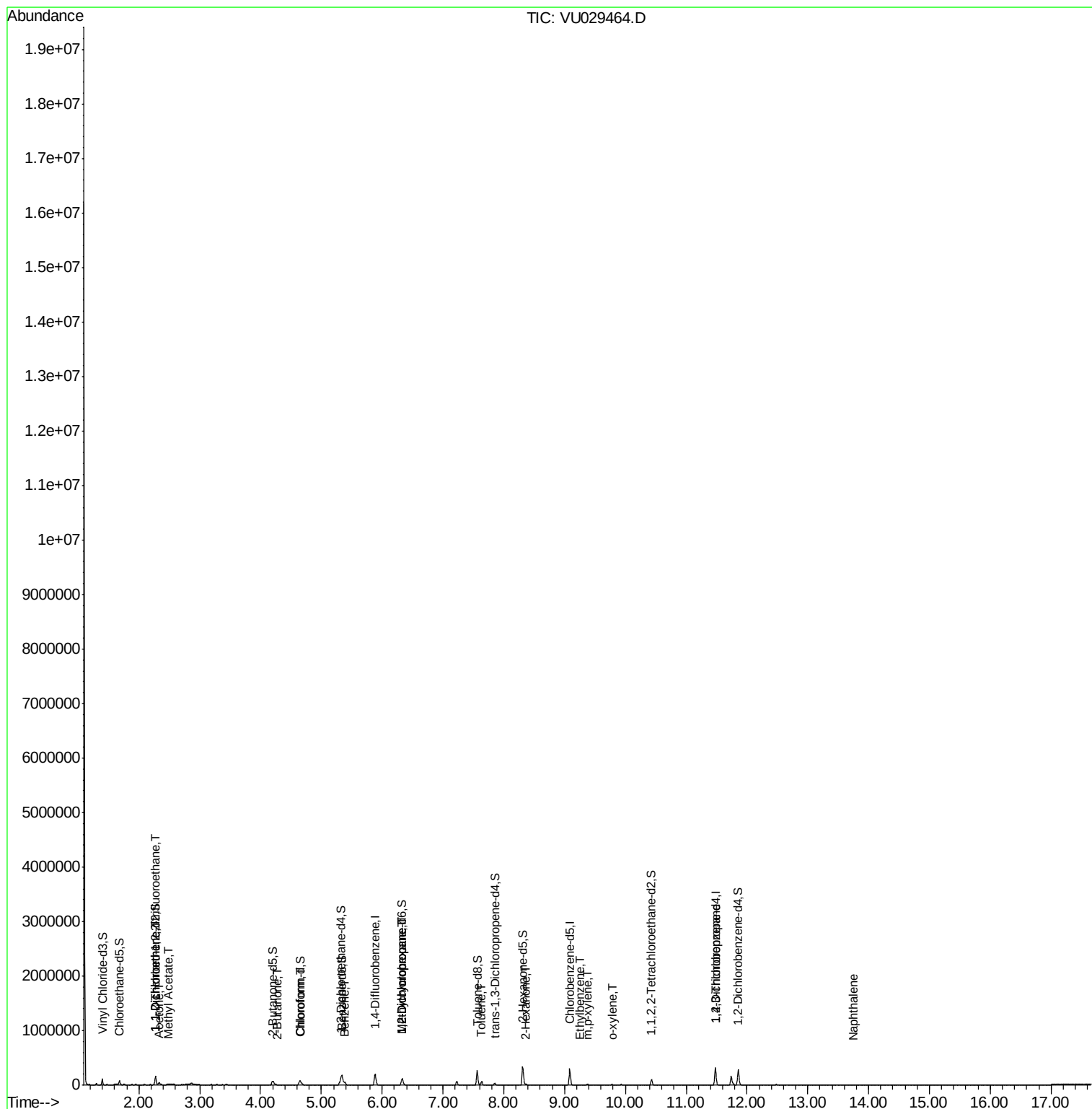
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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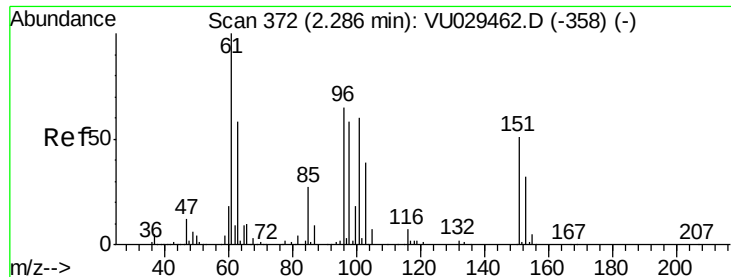
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.053 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Instrument :

MSVOA_U

ClientSampled :

ESXB2

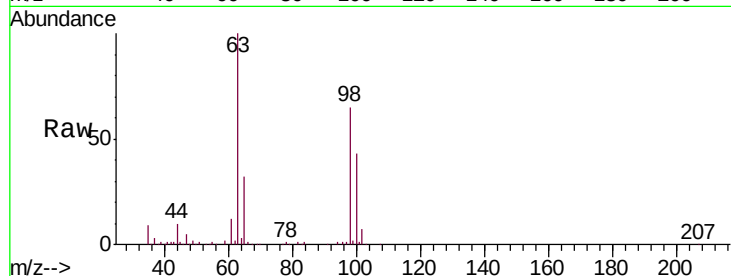
Tgt Ion: 101 Resp: 873

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

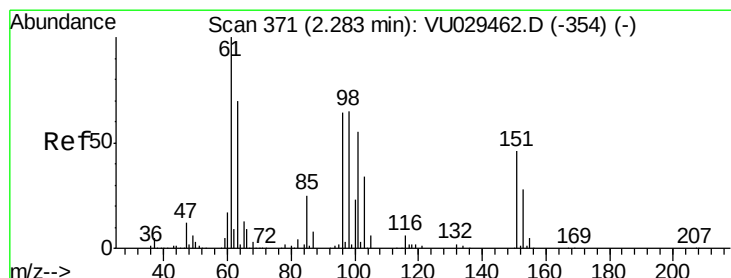
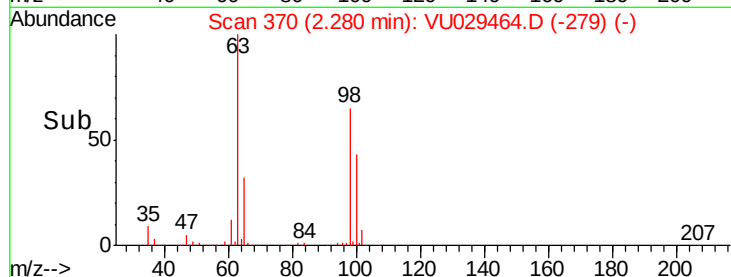
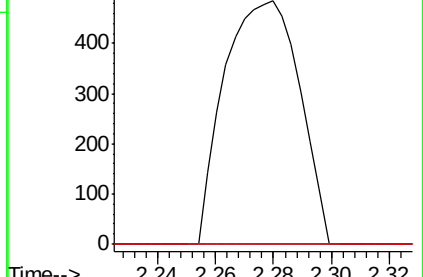
151 0.0 67.0 100.6#



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: 0.063 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

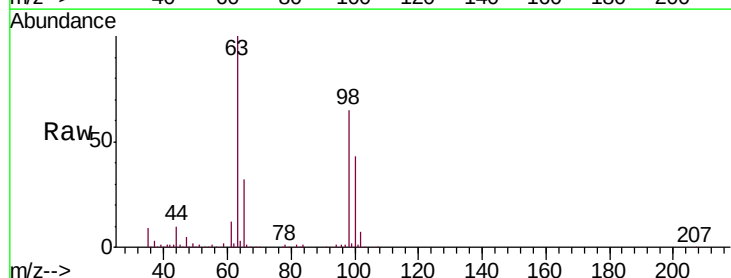
Tgt Ion: 96 Resp: 987

Ion Ratio Lower Upper

96 100

61 955.1 115.1 213.7#

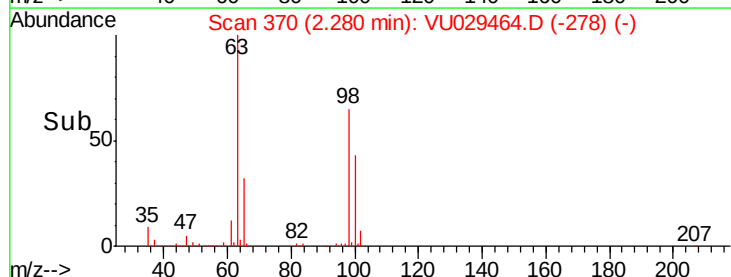
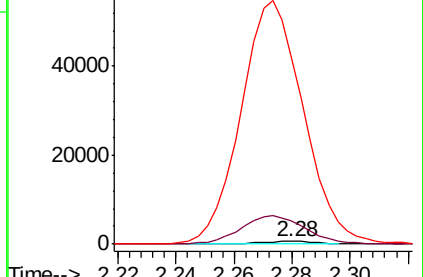
63 7817.6 83.5 155.1#

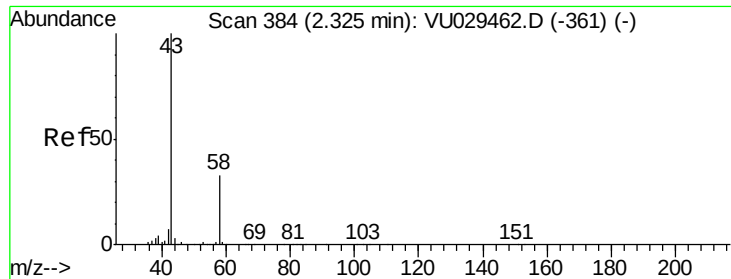


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 16.464 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

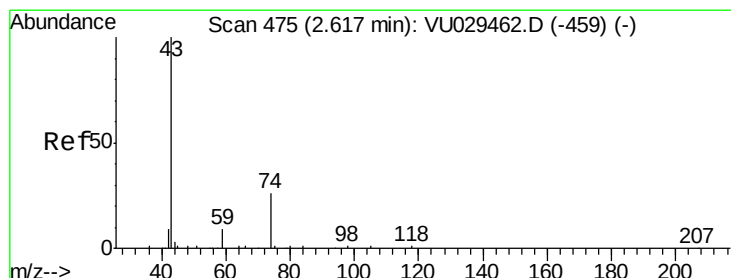
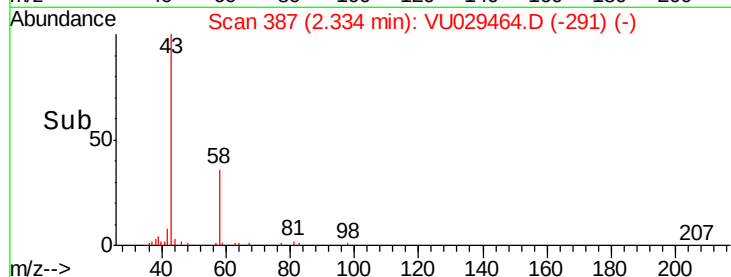
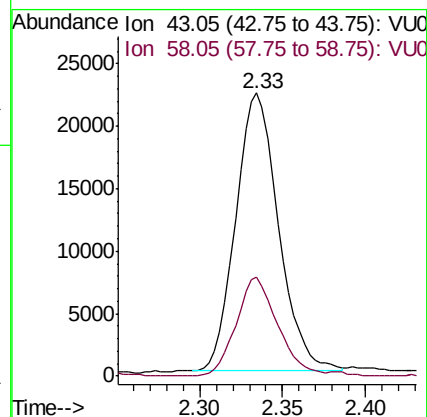
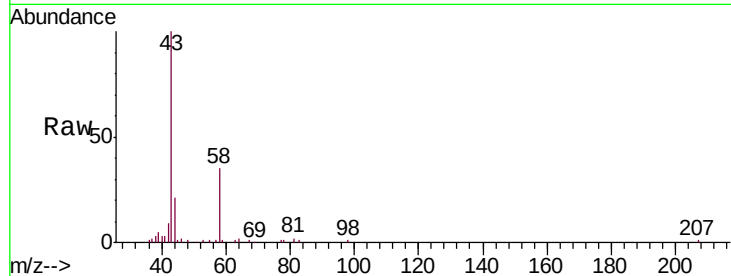
ESXB2

Tgt Ion: 43 Resp: 39939

Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.0



#15

Methyl Acetate

Concen: 0.956 ug/L

RT: 2.49 min Scan# 434

Delta R.T. -0.13 min

Lab File: VU029464.D

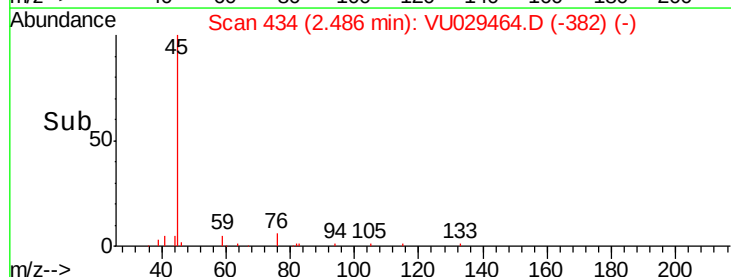
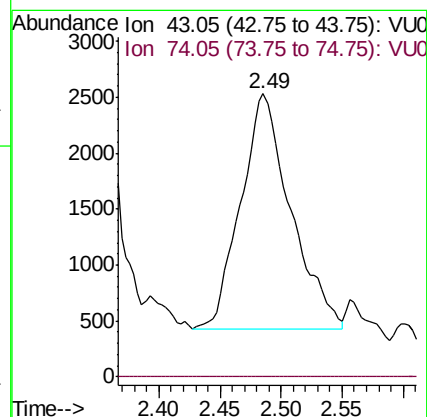
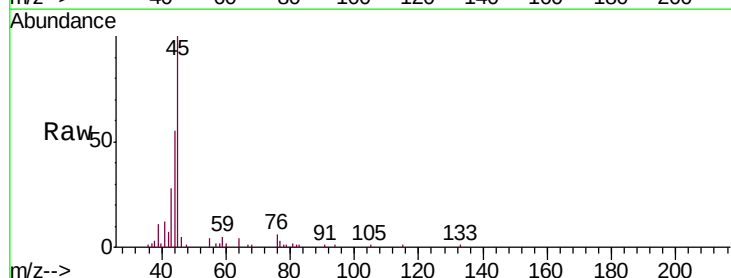
Acq: 14 Feb 2019 18:44

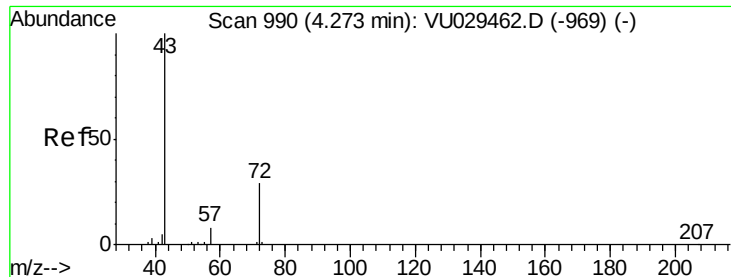
Tgt Ion: 43 Resp: 5939

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#

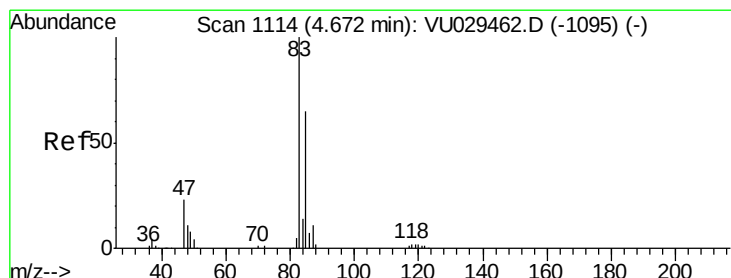
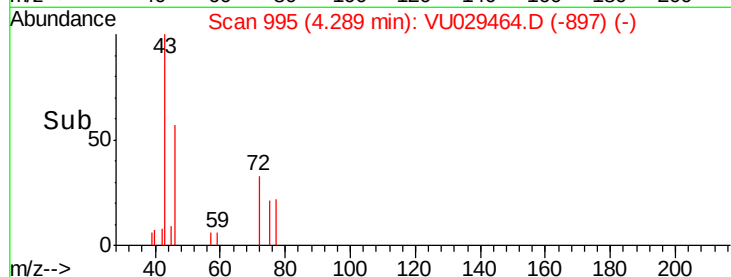
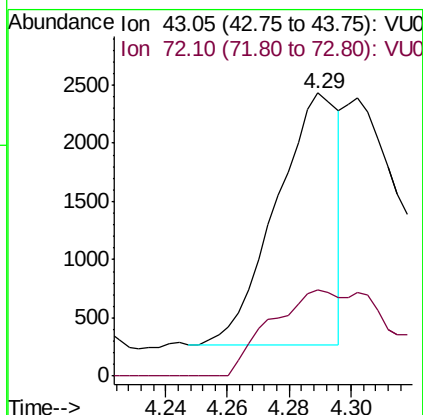
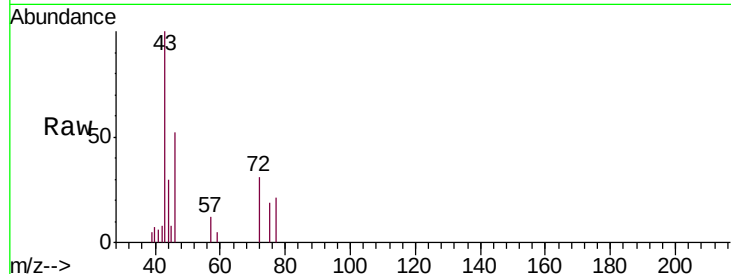




#21
2-Butanone
Concen: 1.005 ug/L
RT: 4.29 min Scan# 995
Delta R.T. 0.02 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

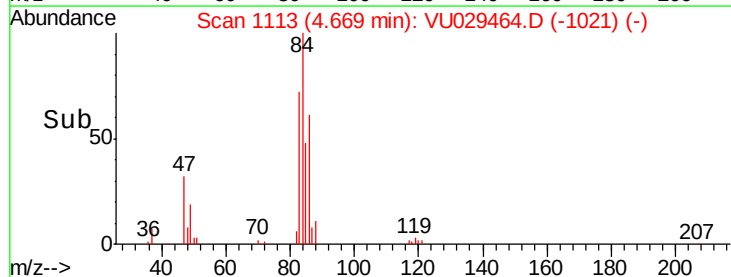
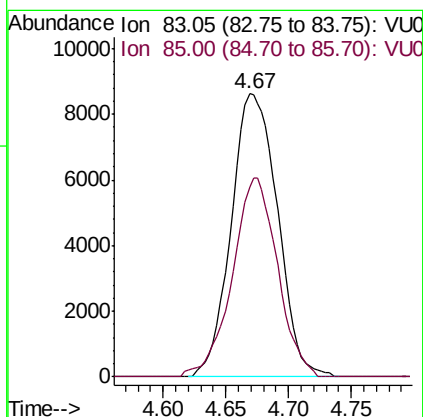
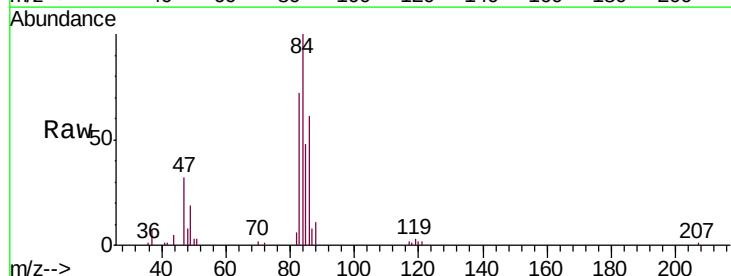
Instrument :
MSVOA_U
ClientSampleId :
ESXB2

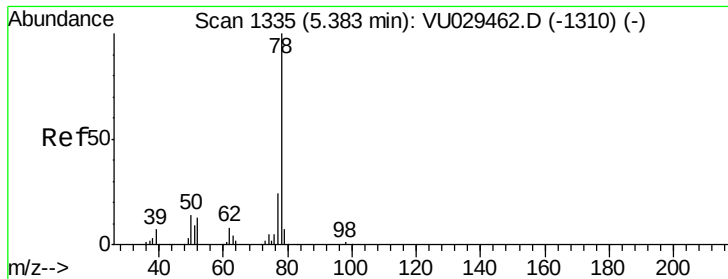
Tgt Ion: 43 Resp: 3012
Ion Ratio Lower Upper
43 100
72 74.0 14.7 44.1#



#25
Chloroform
Concen: 0.876 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

Tgt Ion: 83 Resp: 22141
Ion Ratio Lower Upper
83 100
85 67.2 47.8 88.8





#33

Benzene

Concen: 1.071 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

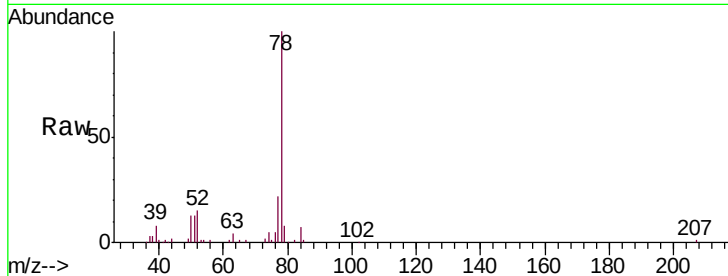
Instrument :

MSVOA_U

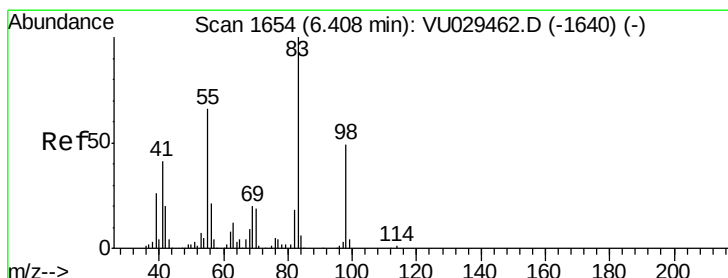
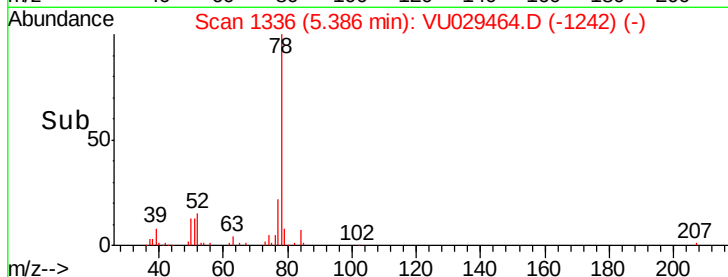
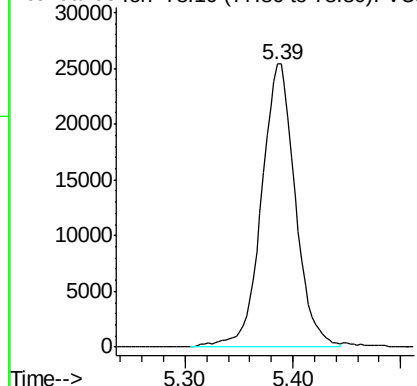
ClientSampleId :

ESXB2

Tgt Ion: 78 Resp: 55084



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.567 ug/L

RT: 6.33 min Scan# 1629

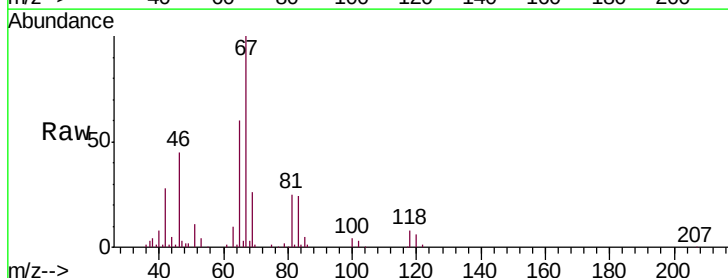
Delta R.T. -0.08 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Tgt Ion: 83 Resp: 13788

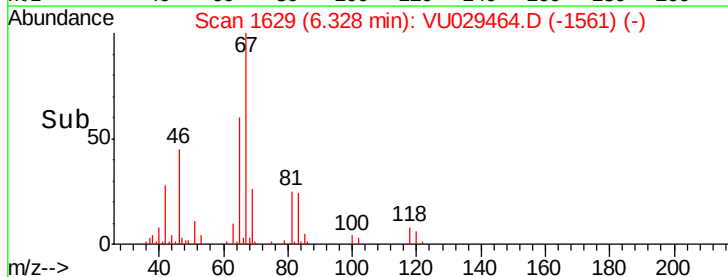
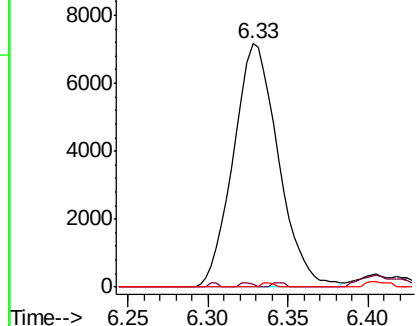
Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	0.0	38.6	57.8#

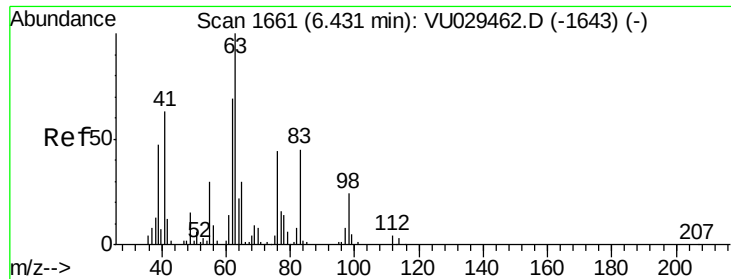


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

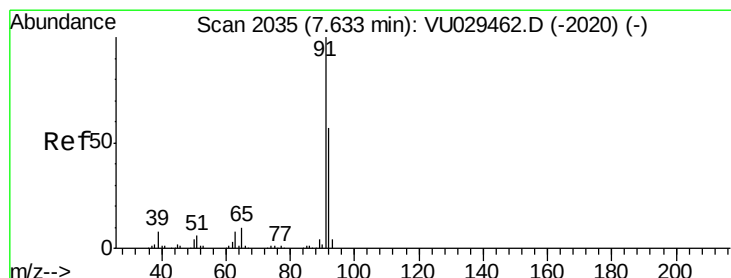
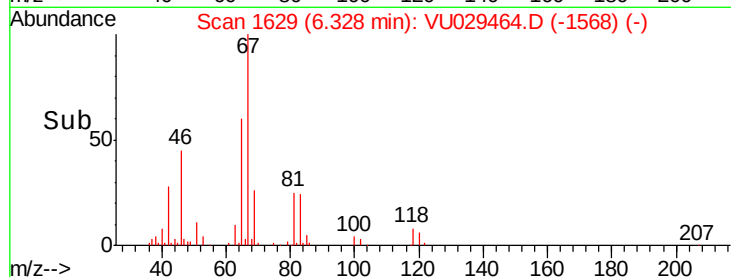
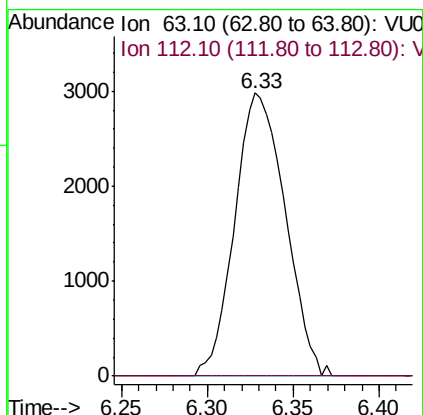
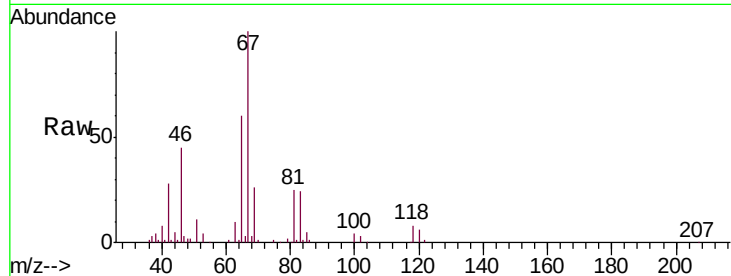




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029464.D
 Acq: 14 Feb 2019 18:44

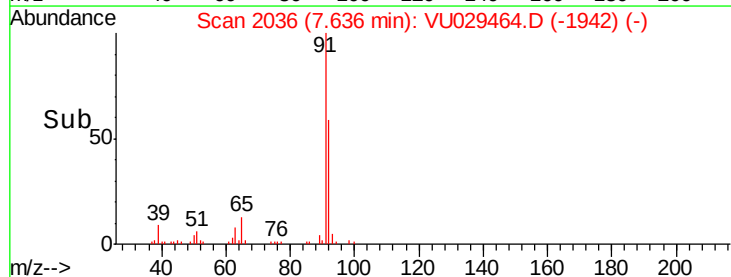
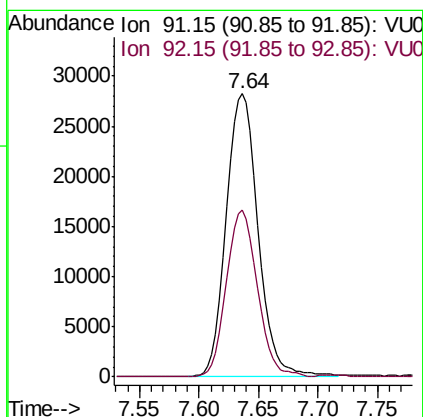
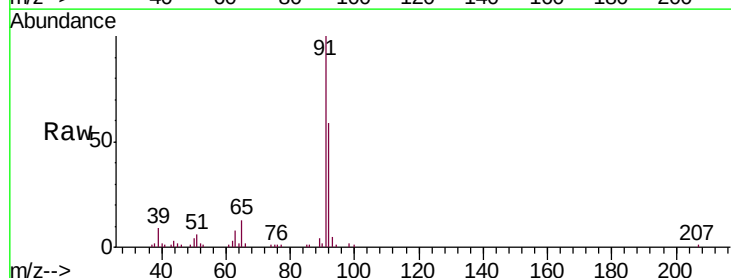
Instrument :
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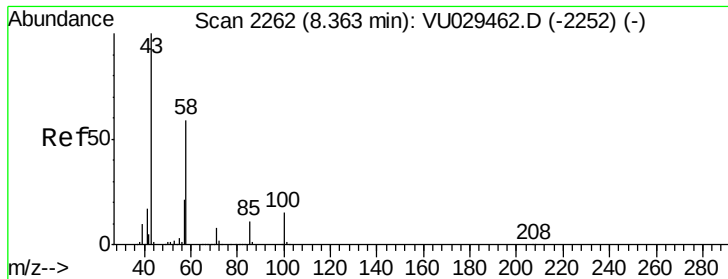
Tgt Ion: 63 Resp: 6068
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 Toluene
 Concen: 0.912 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU029464.D
 Acq: 14 Feb 2019 18:44

Tgt Ion: 91 Resp: 52665
 Ion Ratio Lower Upper
 91 100
 92 59.0 39.8 73.8

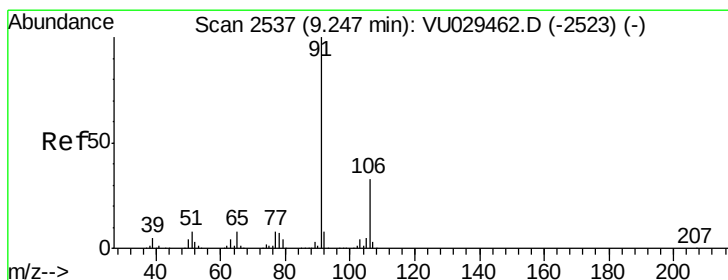
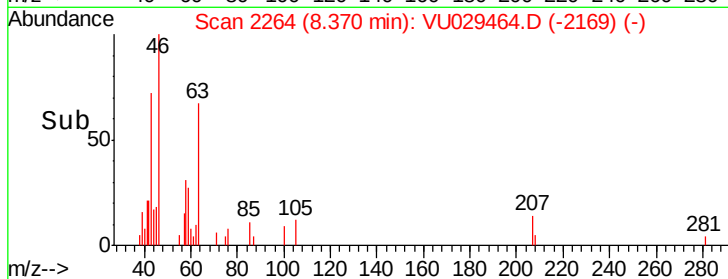
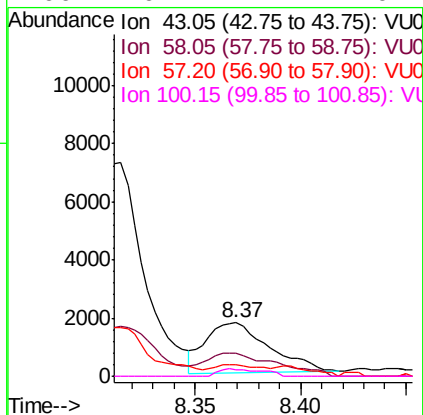
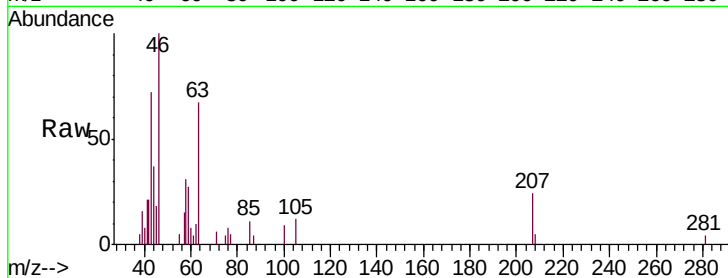




#48
2-Hexanone
Concen: 0.659 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

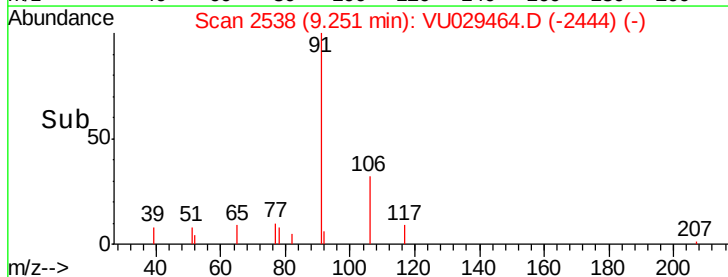
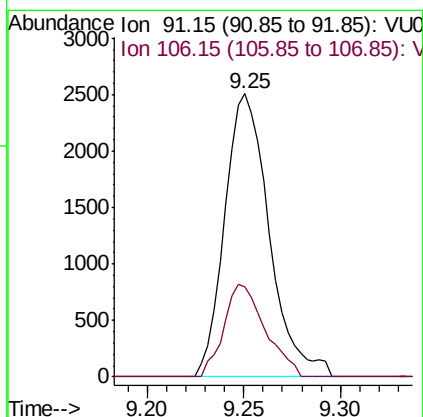
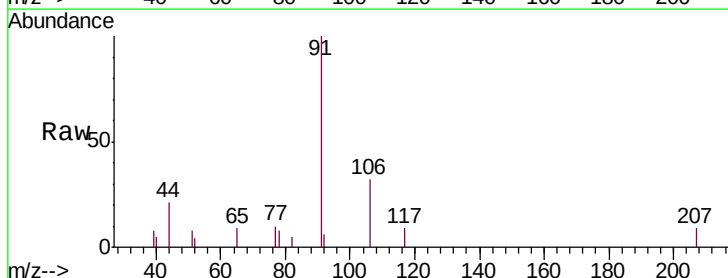
Instrument :
MSVOA_U
ClientSampleId :
ESXB2

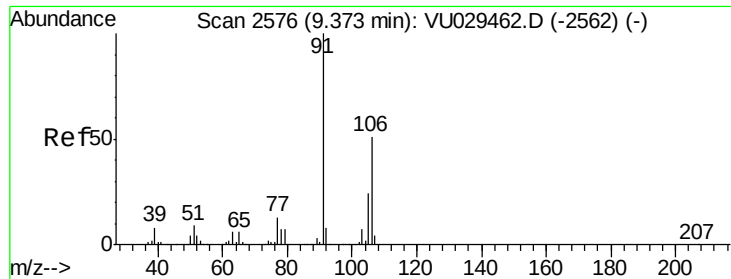
Tgt Ion: 43 Resp: 3567
Ion Ratio Lower Upper
43 100
58 54.7 45.7 68.5
57 17.7 16.4 24.6
100 10.1 11.1 16.7#



#52
Ethylbenzene
Concen: 0.061 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

Tgt Ion: 91 Resp: 4010
Ion Ratio Lower Upper
91 100
106 32.0 22.8 42.4

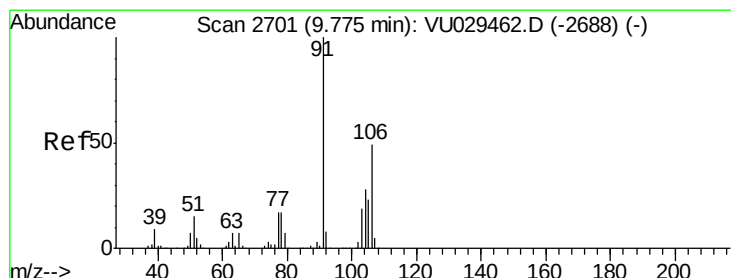
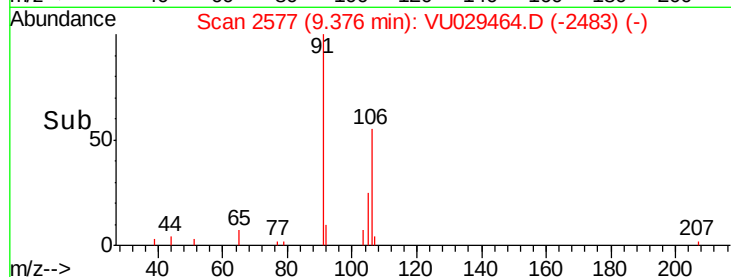
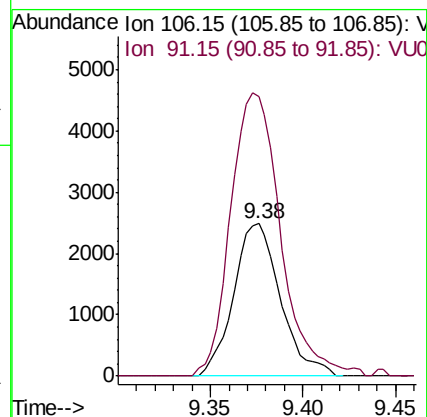
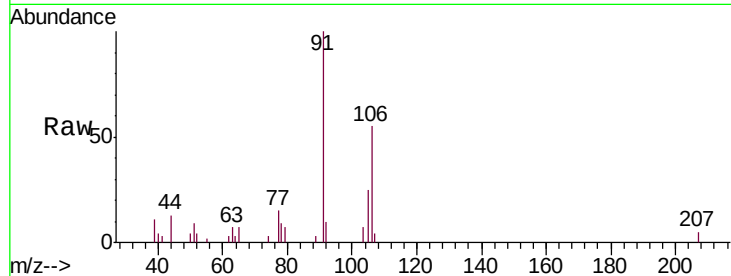




#53
m,p-xylene
Concen: 0.168 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

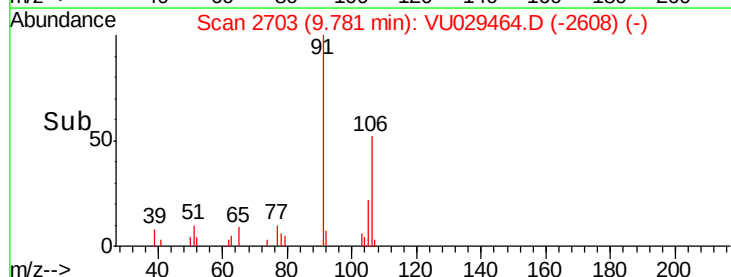
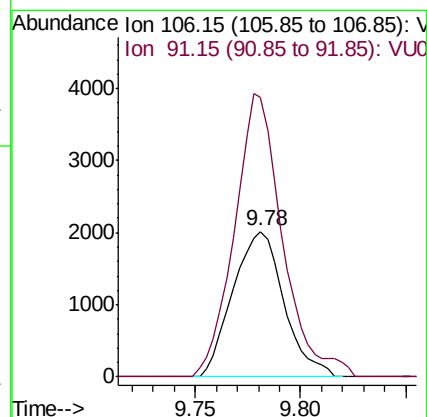
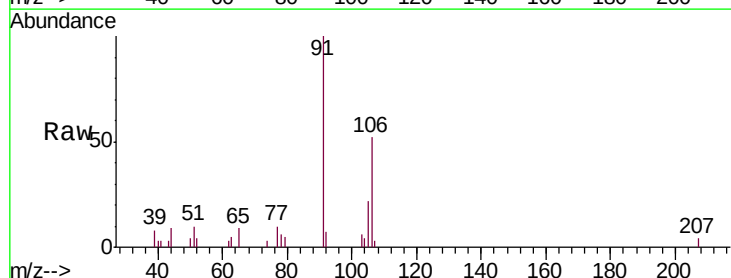
Instrument :
MSVOA_U
ClientSampleId :
ESXB2

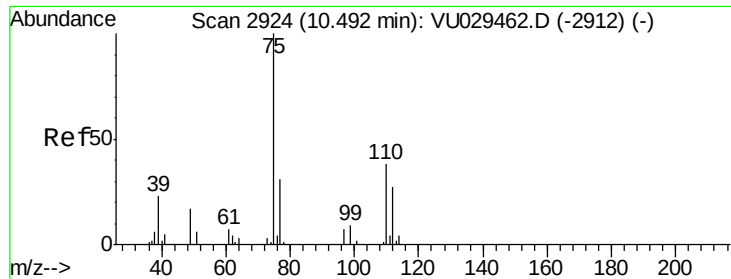
Tgt Ion:106 Resp: 4374
Ion Ratio Lower Upper
106 100
91 183.0 135.7 251.9



#54
o-xylene
Concen: 0.133 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU029464.D
Acq: 14 Feb 2019 18:44

Tgt Ion:106 Resp: 3403
Ion Ratio Lower Upper
106 100
91 192.7 145.1 269.5

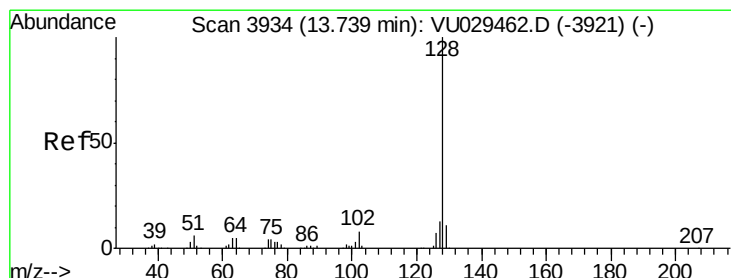
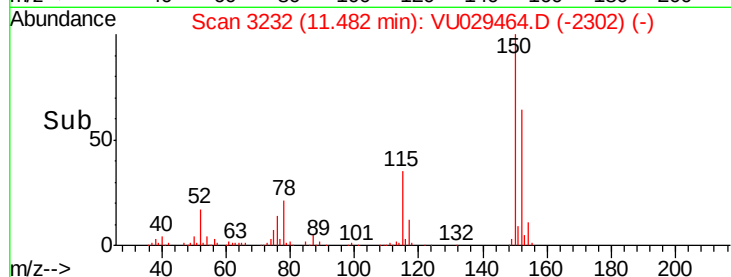
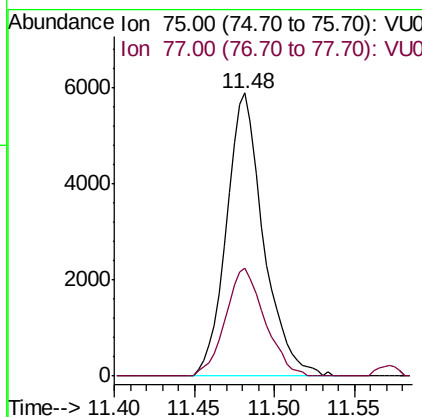
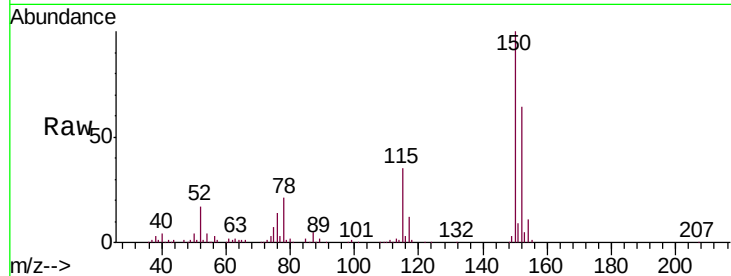




#59
 1,2,3-Trichloropropane
 Concen: 1.126 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029464.D
 Acq: 14 Feb 2019 18:44

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB2

Tgt Ion: 75 Resp: 9310
 Ion Ratio Lower Upper
 75 100
 77 40.5 28.2 42.2



#69
 Naphthalene
 Concen: 0.111 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU029464.D
 Acq: 14 Feb 2019 18:44

Tgt Ion: 128 Resp: 4362
 Ion Ratio Lower Upper
 128 100
 129 7.5 8.7 13.1#
 127 12.2 10.3 15.5

