

Data File : VU029739.D
Acq On : 28 Feb 2019 15:40
Operator : JC/SP
Sample : K1577-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX5

Quant Time: Mar 01 00:24:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	245500	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73734	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	73259	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	117913	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.19	46	222577	61.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.80%
24) Chloroform-d	4.65	84	152246	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.31	65	81833	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.34	84	331156	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.33	67	103413	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.56	98	298492	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	37153	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	215202	60.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88262	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	128702	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

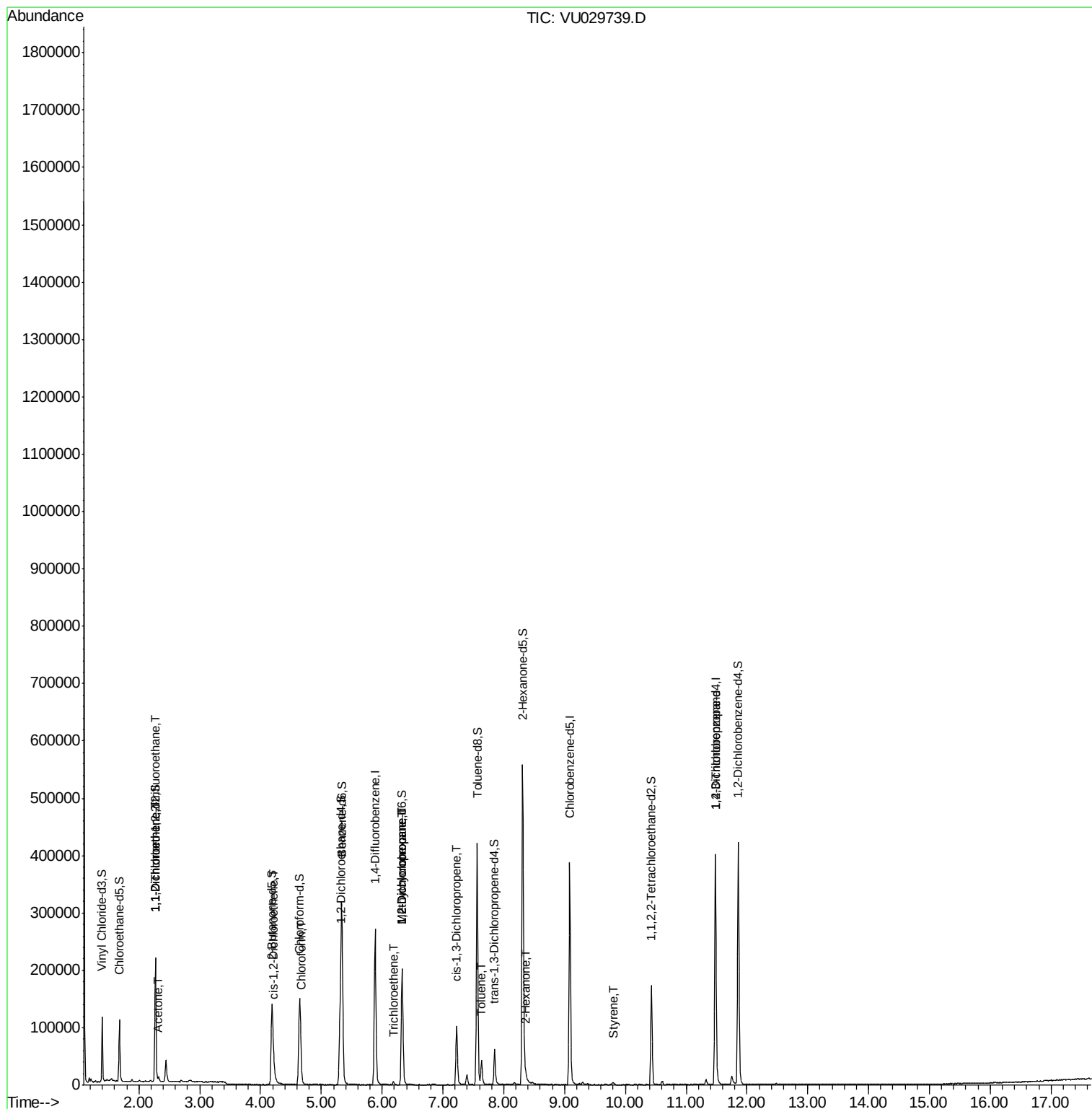
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1341	0.070	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1173	0.064	ug/L #	1
13) Acetone	2.32	43	6916	2.656	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	2494	0.137	ug/L	97
25) Chloroform	4.67	83	7815	0.253	ug/L	92
34) Trichloroethene	6.18	95	1869	0.107	ug/L #	77
35) Methylcyclohexane	6.33	83	24451	0.863	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10267	0.651	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2163	0.094	ug/L #	67
42) Toluene	7.64	91	32949	0.464	ug/L	99
48) 2-Hexanone	8.37	43	3764	0.581	ug/L #	85
55) Styrene	9.80	104	2133	0.042	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	12398	1.177	ug/L	90

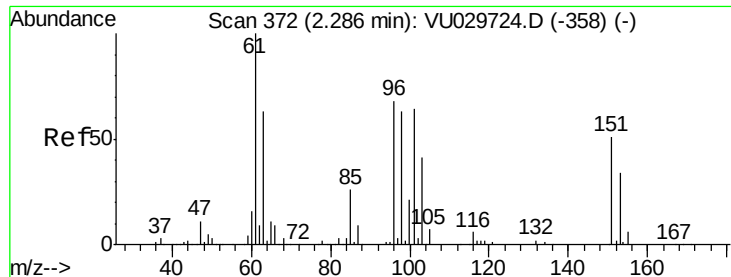
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.070 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

Instrument :

MSVOA_U

ClientSampled :

CWJX5

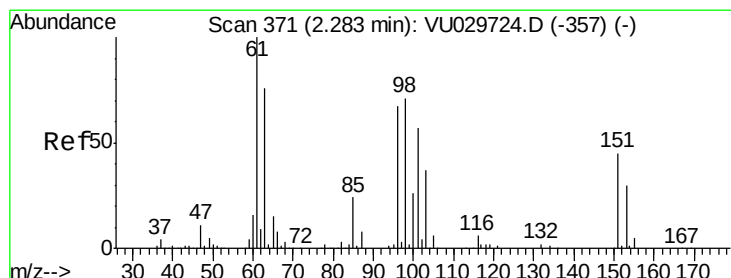
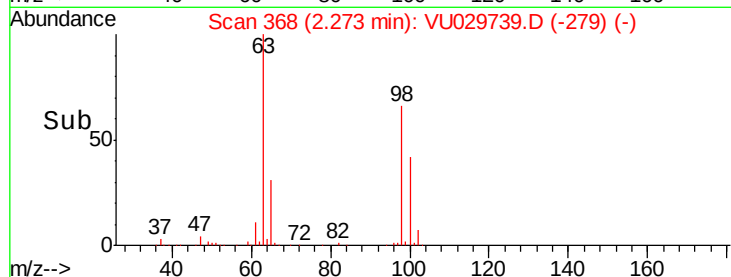
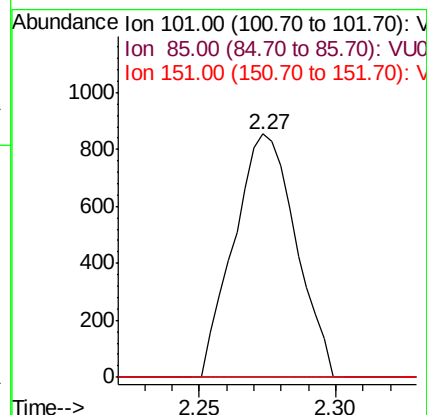
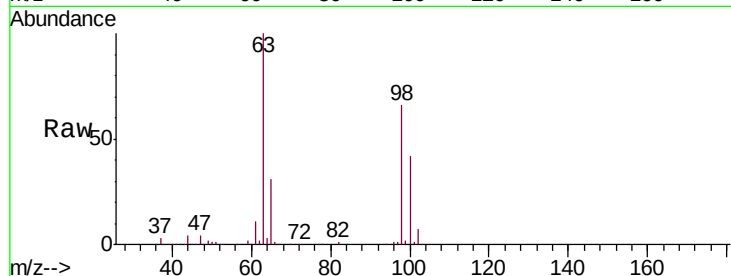
Tgt Ion: 101 Resp: 1341

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#



#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

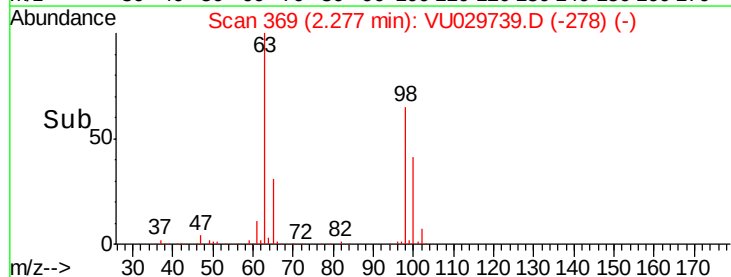
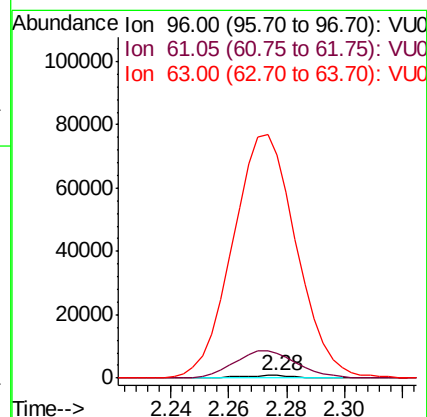
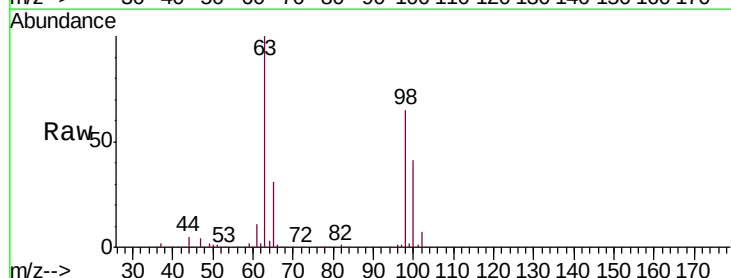
Tgt Ion: 96 Resp: 1173

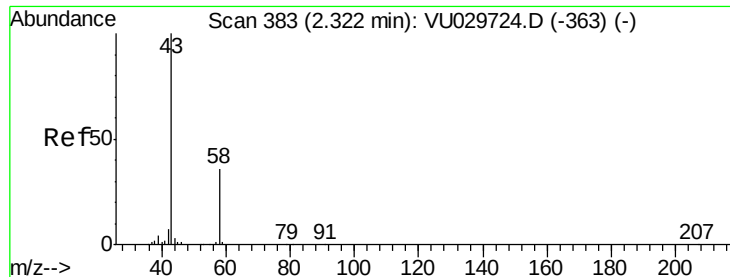
Ion Ratio Lower Upper

96 100

61 929.2 111.3 206.7#

63 8494.8 88.5 164.3#





#13

Acetone

Concen: 2.656 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

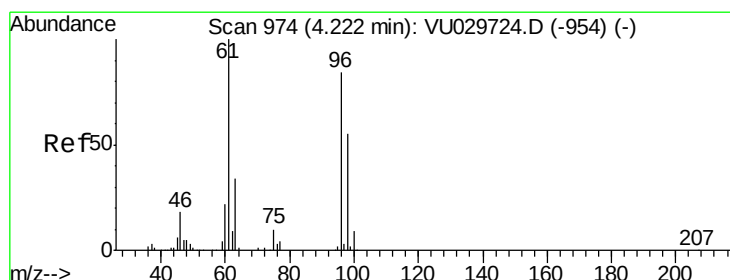
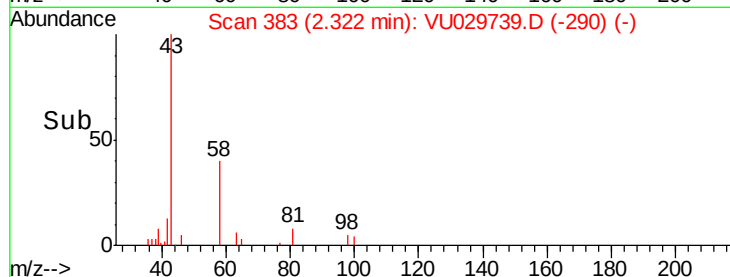
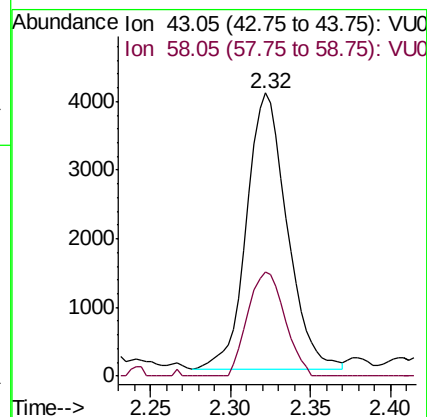
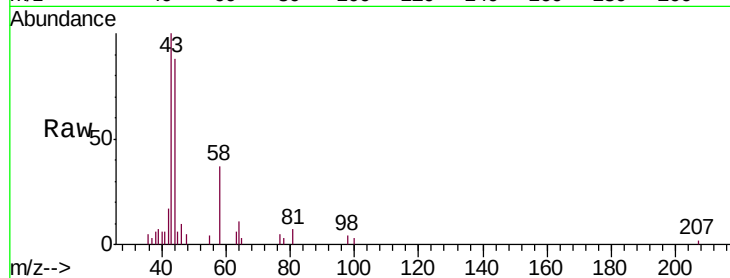
CWJX5

Tgt Ion: 43 Resp: 6916

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.2



#22

cis-1,2-Dichloroethene

Concen: 0.137 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

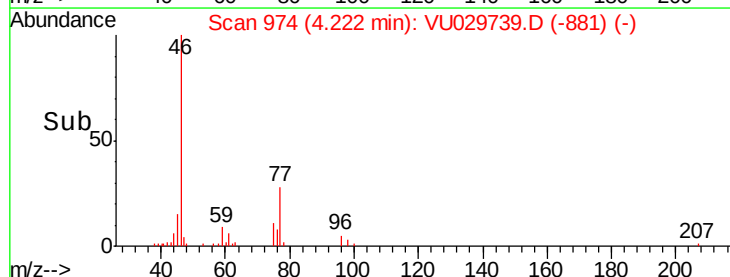
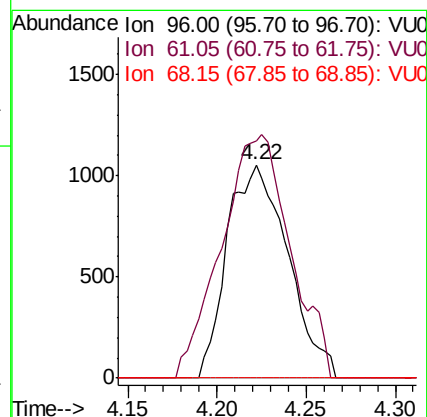
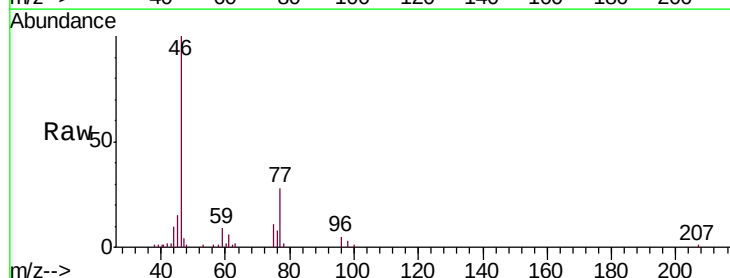
Tgt Ion: 96 Resp: 2494

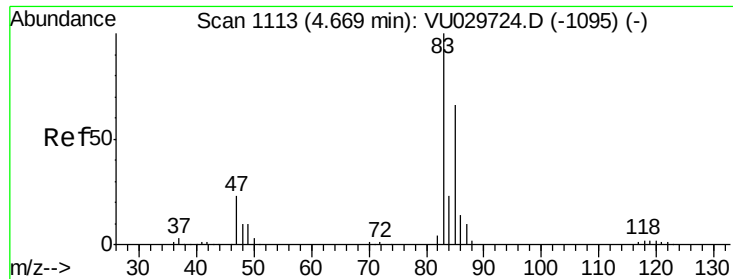
Ion Ratio Lower Upper

96 100

61 111.4 80.2 149.0

68 0.0 0.0 0.0

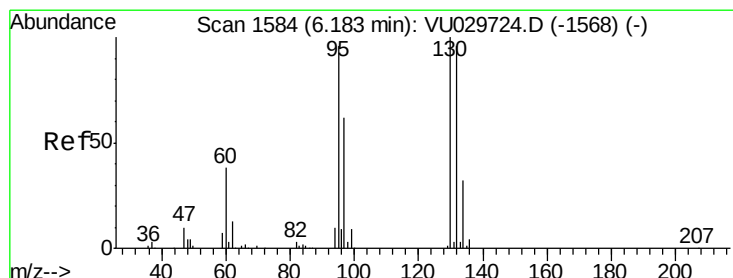
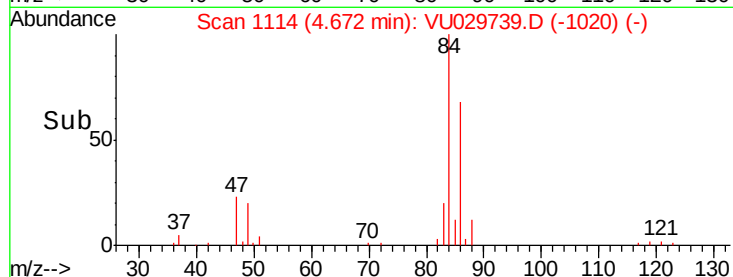
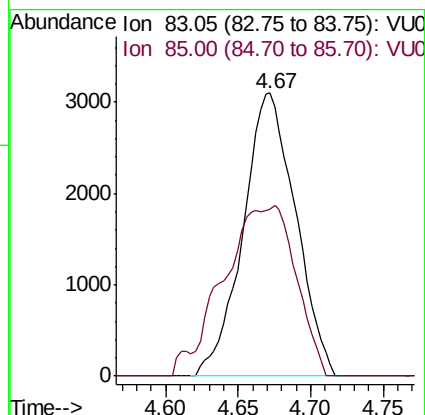
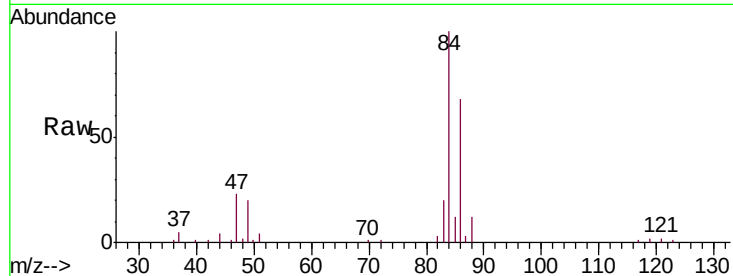




#25
Chloroform
Concen: 0.253 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

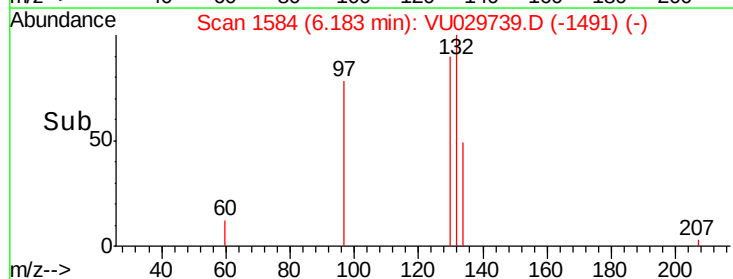
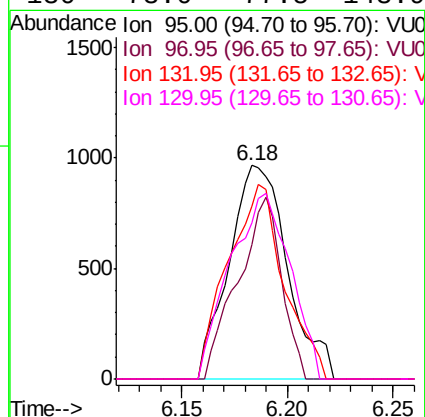
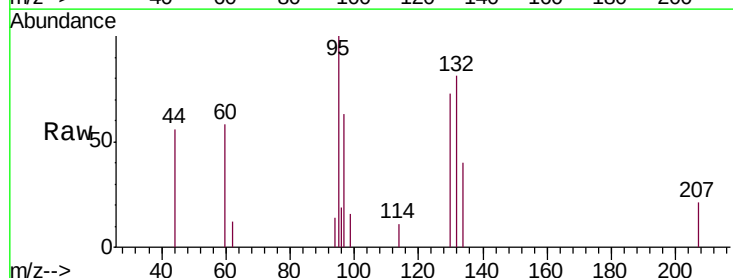
Instrument :
MSVOA_U
ClientSampleId :
CWJX5

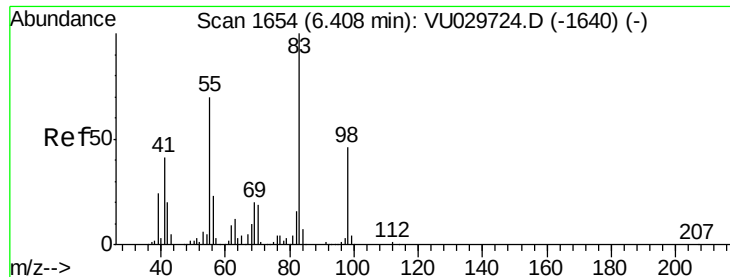
Tgt Ion: 83 Resp: 7815
Ion Ratio Lower Upper
83 100
85 59.1 45.6 84.6



#34
Trichloroethene
Concen: 0.107 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

Tgt Ion: 95 Resp: 1869
Ion Ratio Lower Upper
95 100
97 63.1 45.6 84.8
132 80.7 72.9 135.3
130 73.0 77.5 143.9#

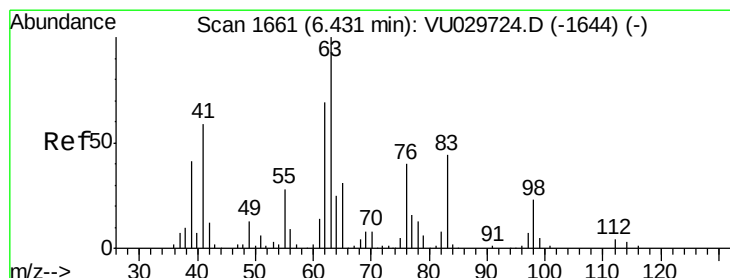
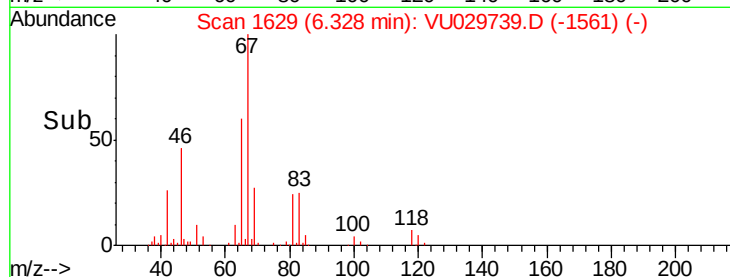
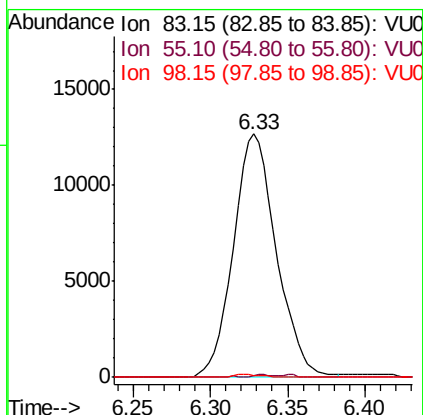
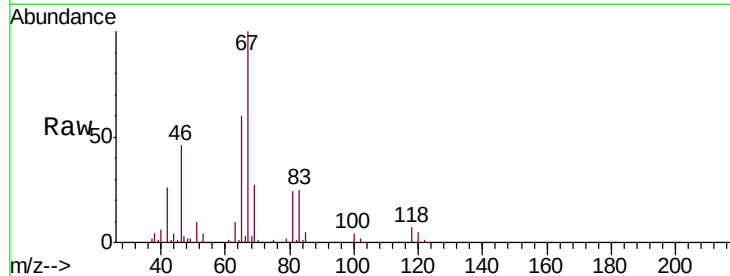




#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

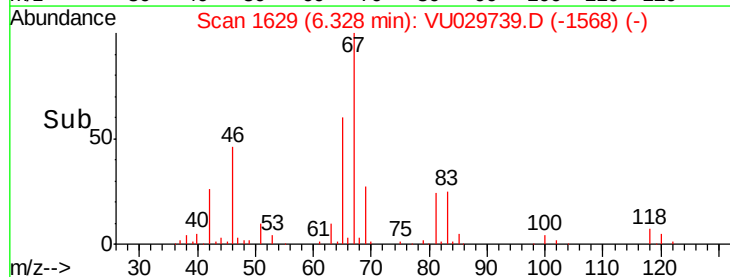
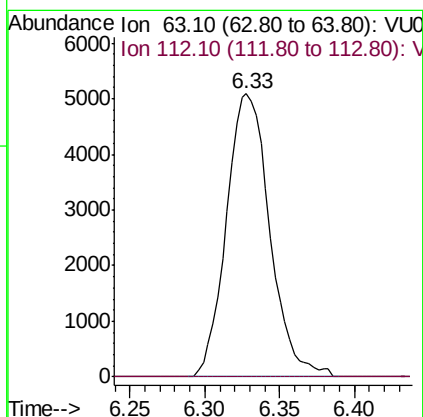
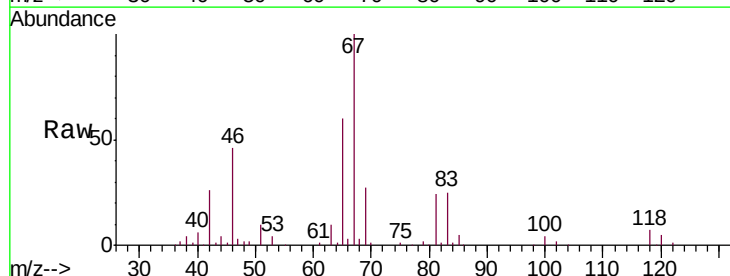
Instrument :
MSVOA_U
ClientSampleId :
CWJX5

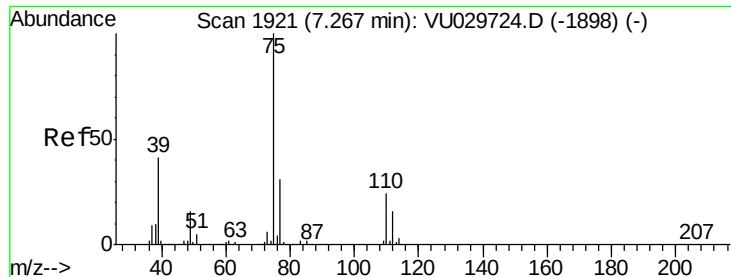
Tgt Ion: 83 Resp: 24451
Ion Ratio Lower Upper
83 100
55 0.6 56.5 84.7#
98 0.8 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

Tgt Ion: 63 Resp: 10267
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

Instrument :

MSVOA_U

ClientSampled :

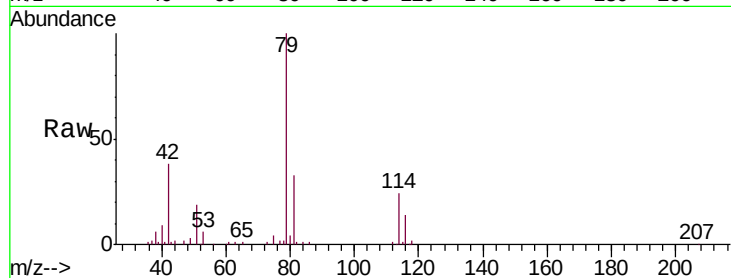
CWJX5

Tgt Ion: 75 Resp: 2163

Ion Ratio Lower Upper

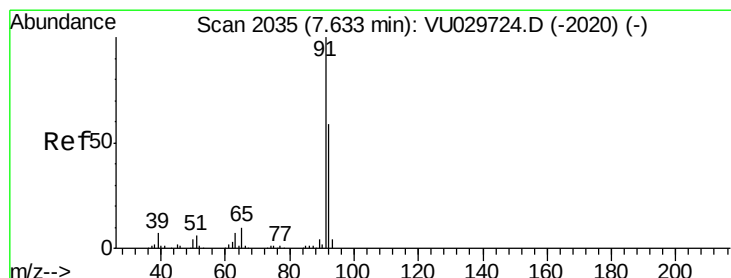
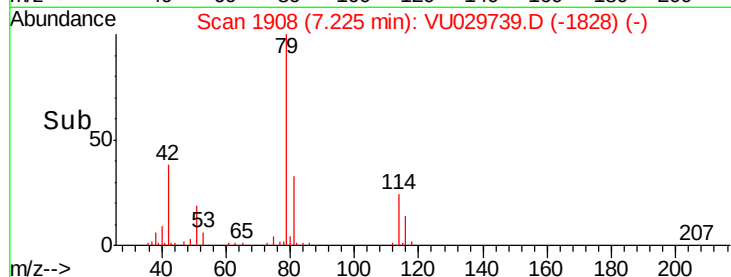
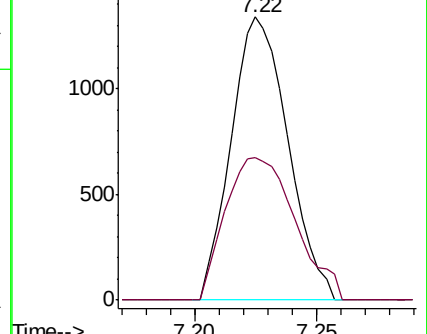
75 100

77 50.3 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 0.464 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029739.D

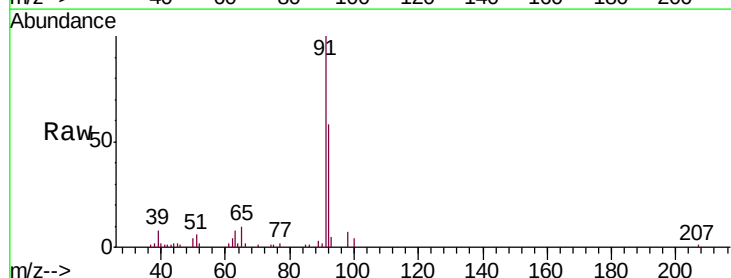
Acq: 28 Feb 2019 15:40

Tgt Ion: 91 Resp: 32949

Ion Ratio Lower Upper

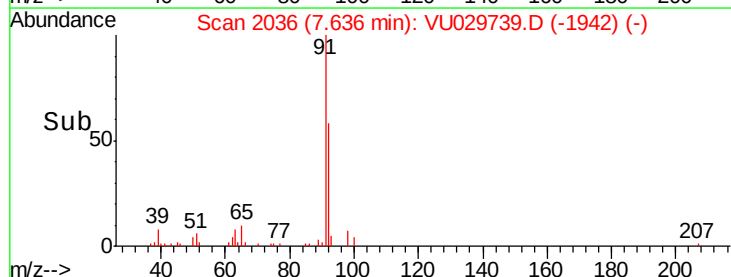
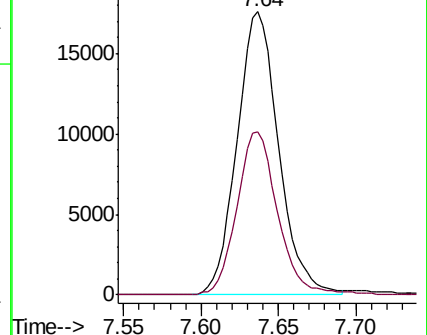
91 100

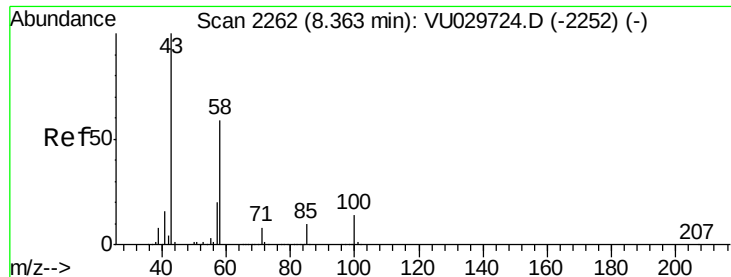
92 57.8 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

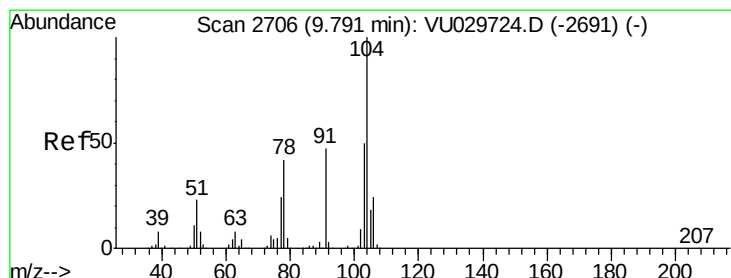
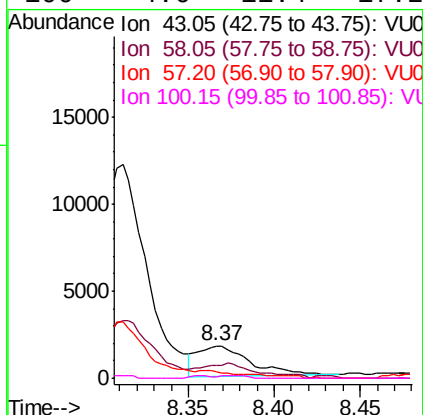
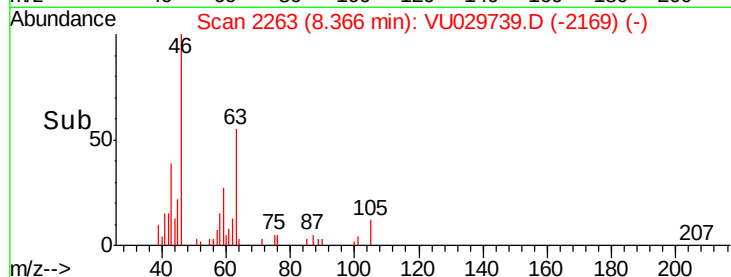
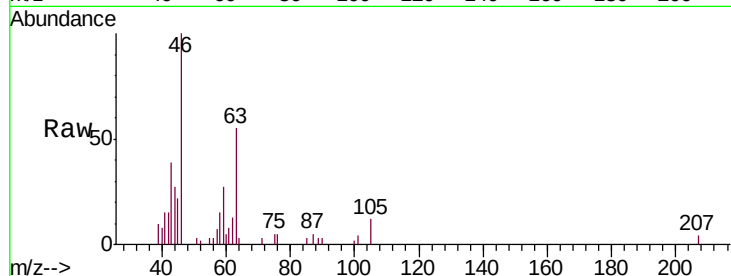




#48
2-Hexanone
Concen: 0.581 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

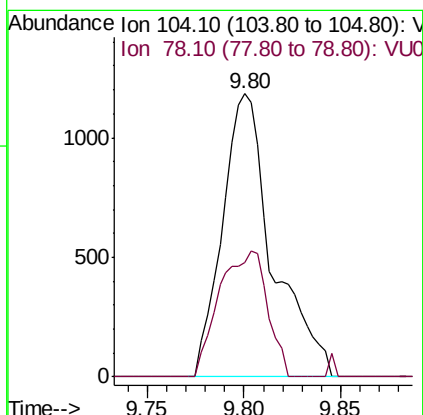
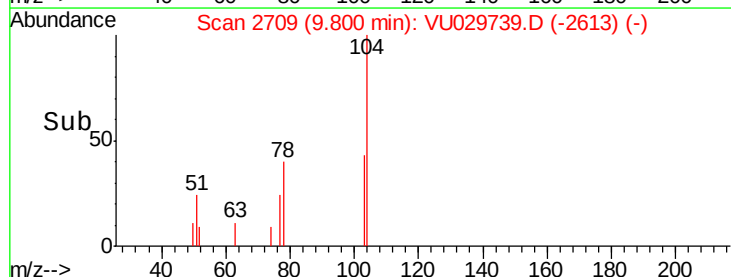
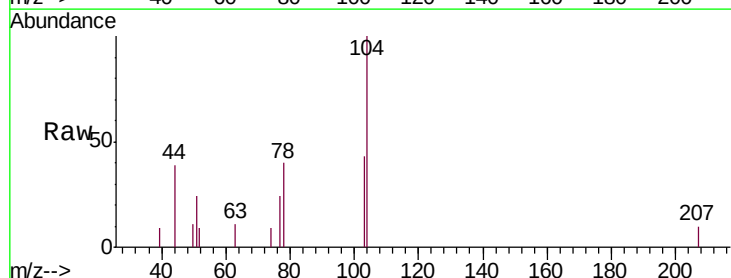
Instrument :
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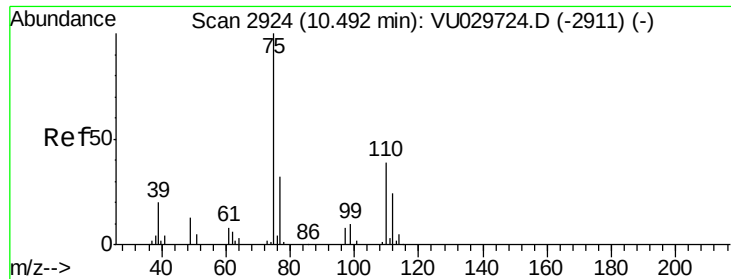
Tgt Ion: 43 Resp: 3764
Ion Ratio Lower Upper
43 100
58 50.9 46.6 69.8
57 8.5 15.9 23.9#
100 4.6 11.4 17.2#



#55
Styrene
Concen: 0.042 ug/L
RT: 9.80 min Scan# 2709
Delta R.T. 0.01 min
Lab File: VU029739.D
Acq: 28 Feb 2019 15:40

Tgt Ion: 104 Resp: 2133
Ion Ratio Lower Upper
104 100
78 40.4 29.2 54.2





#59

1,2,3-Trichloropropane

Concen: 1.177 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029739.D

Acq: 28 Feb 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

CWJX5

Tgt Ion: 75 Resp: 12398

Ion Ratio Lower Upper

75 100

77 37.8 25.6 38.4

