

Data File : VU029752.D
Acq On : 01 Mar 2019 10:34
Operator : JC/SP
Sample : K1577-02RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJW2

Quant Time: Mar 01 22:14:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62886	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.68	69	64521	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	97563	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.19	46	221488	63.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.06%
24) Chloroform-d	4.64	84	146940	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.31	65	76423	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.33	84	299559	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.33	67	98225	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.56	98	263312	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	36802	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.31	63	214527	63.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88530	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	117144	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1408	0.088 ug/L	99
8) Chloroethane	1.68	64	1565	0.120 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	987	0.054 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	996	0.057 ug/L #	1
13) Acetone	2.32	43	6188	2.471 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	41076	2.353 ug/L	99
25) Chloroform	4.67	83	4887	0.164 ug/L	87
34) Trichloroethene	6.18	95	5964	0.357 ug/L	99
35) Methylcyclohexane	6.33	83	23320	0.861 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10635	0.705 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2509	0.114 ug/L #	51
42) Toluene	7.63	91	120530	1.776 ug/L	99
48) 2-Hexanone	8.37	43	3562	0.575 ug/L #	43
52) Ethylbenzene	9.25	91	3253	0.043 ug/L	98
53) m,p-xylene	9.38	106	2582	0.085 ug/L	95
55) Styrene	9.80	104	4287	0.088 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	11393	1.132 ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\
Quantitation Report (Not Reviewed)

Data File : VU029752.D
Acq On : 01 Mar 2019 10:34
Operator : JC/SP
Sample : K1577-02RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJW2

Quant Time: Mar 01 22:14:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

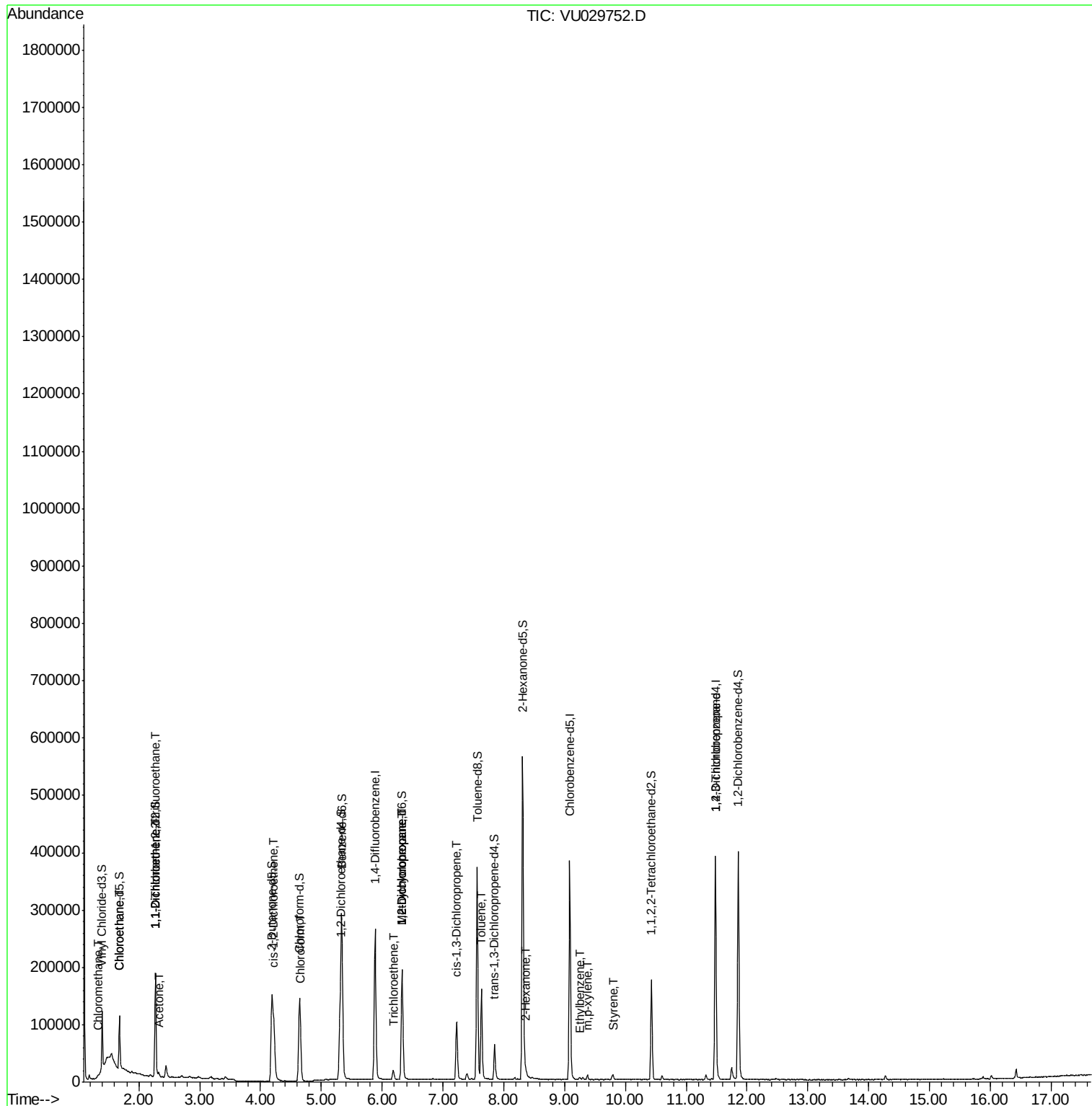
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

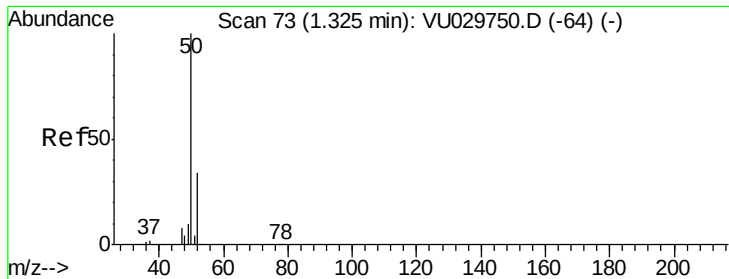
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029752.D
Acq On : 01 Mar 2019 10:34
Operator : JC/SP
Sample : K1577-02RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJW2

Quant Time: Mar 01 22:14:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

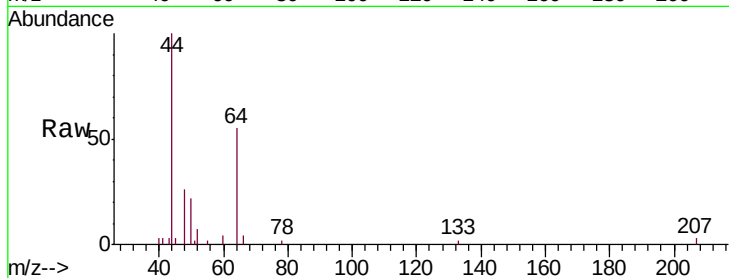
CWJW2

Tgt Ion: 50 Resp: 1408

Ion Ratio Lower Upper

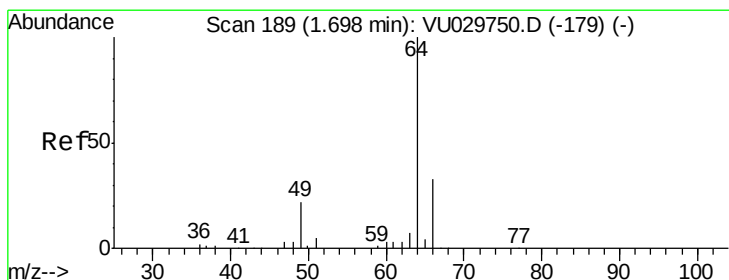
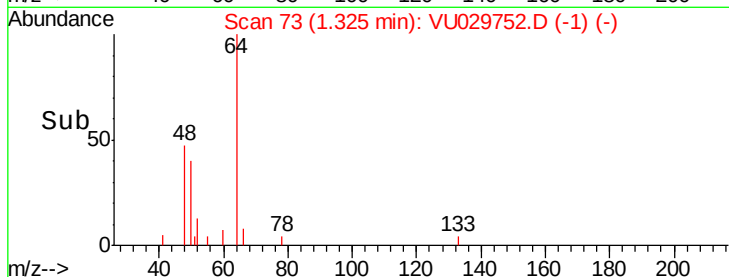
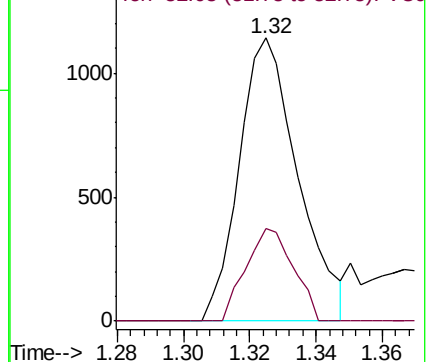
50 100

52 32.7 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.120 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU029752.D

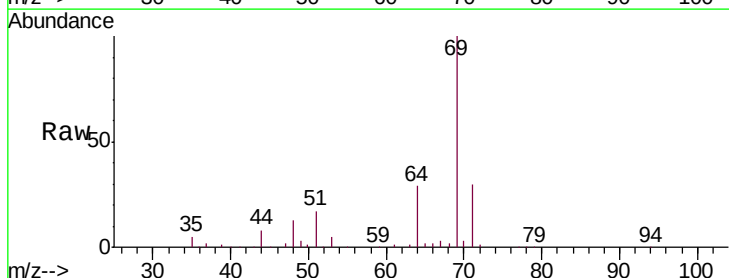
Acq: 01 Mar 2019 10:34

Tgt Ion: 64 Resp: 1565

Ion Ratio Lower Upper

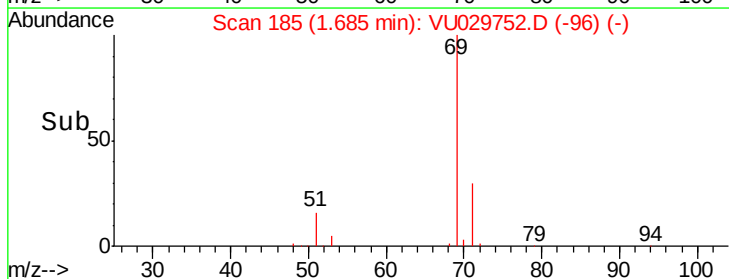
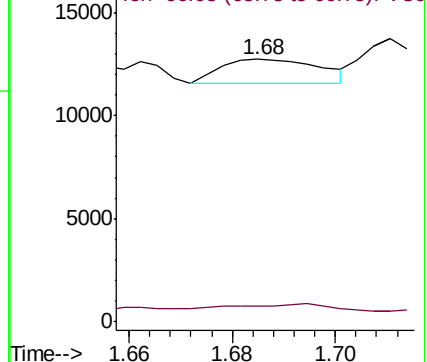
64 100

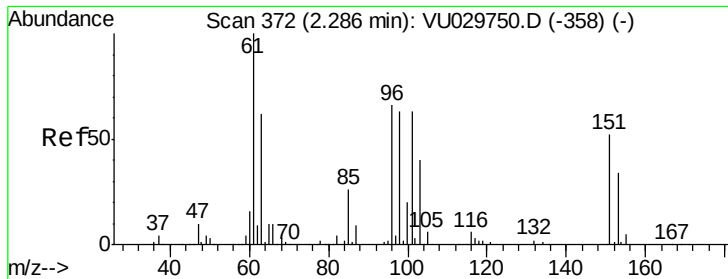
66 6.0 21.4 39.8#



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: 0.054 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

CWJW2

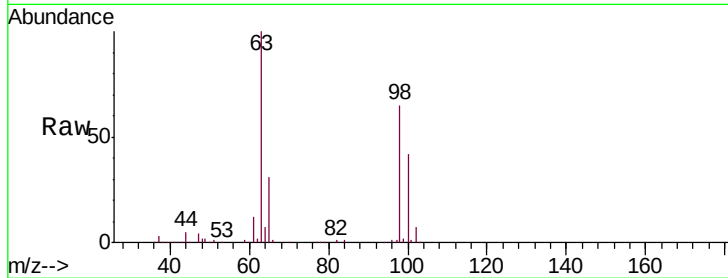
Tgt Ion: 101 Resp: 987

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

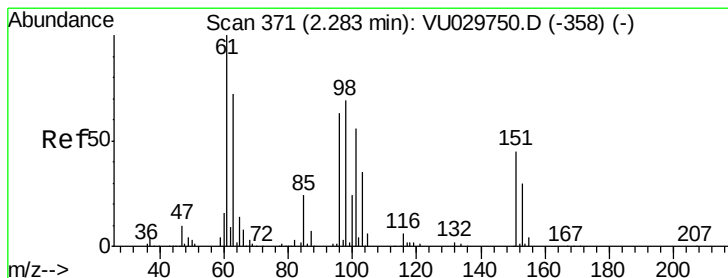
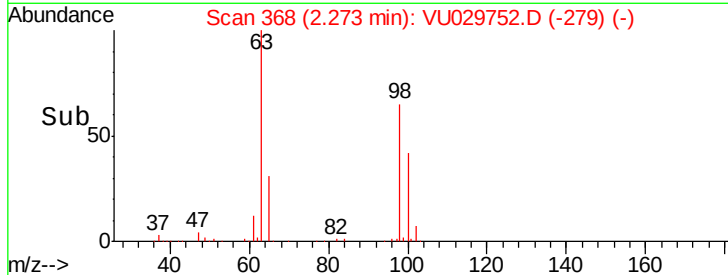
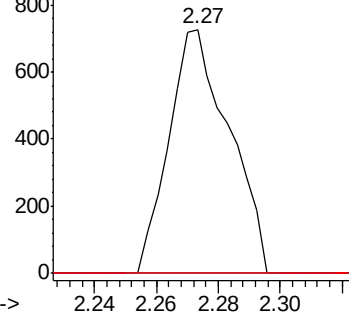
151 0.0 65.9 98.9#



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: 0.057 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

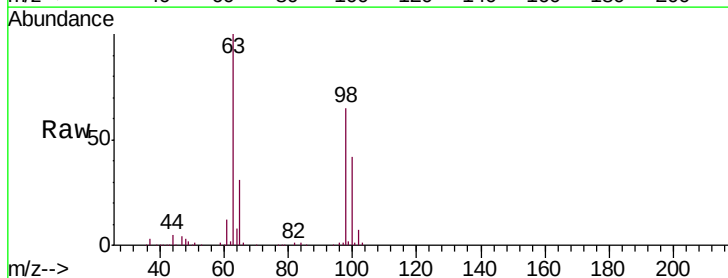
Tgt Ion: 96 Resp: 996

Ion Ratio Lower Upper

96 100

61 1212.6 111.3 206.7#

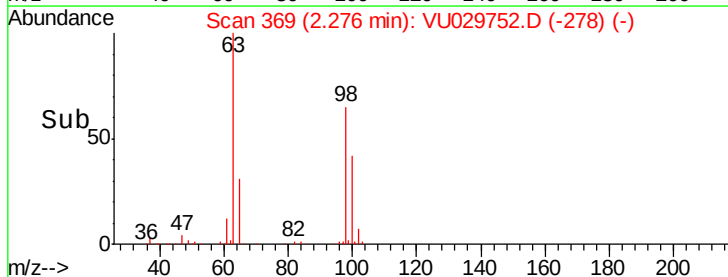
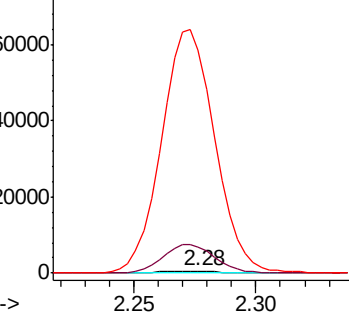
63 10255.9 88.5 164.3#

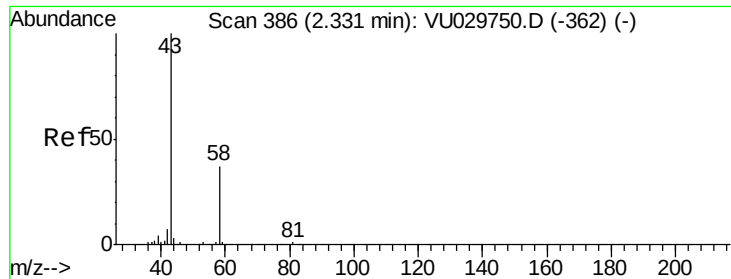


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.471 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

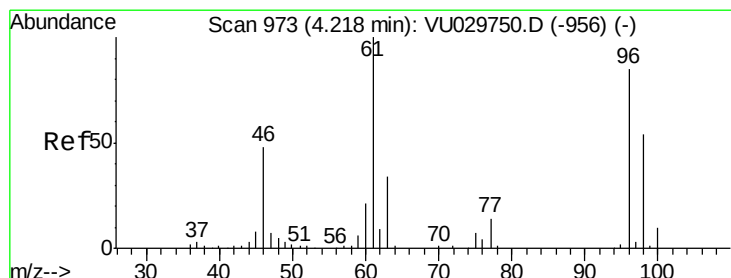
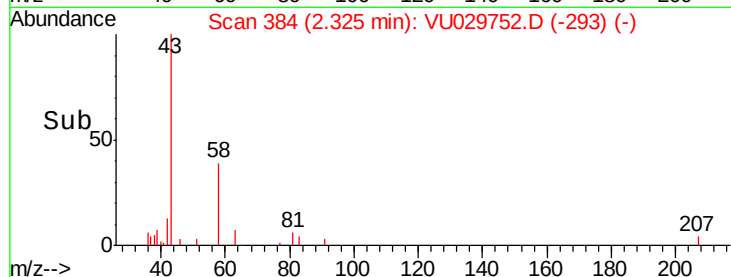
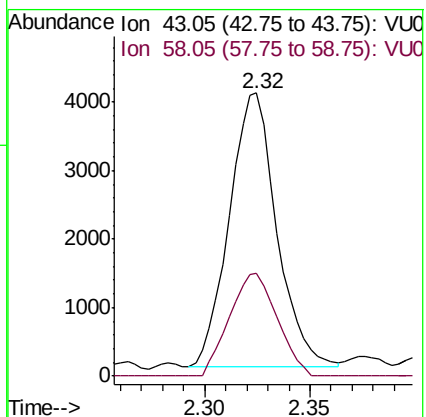
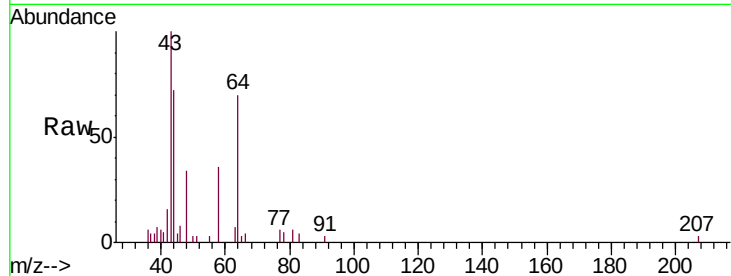
CWJW2

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

43 100

58 37.9 0.0 70.2



#22

cis-1,2-Dichloroethene

Concen: 2.353 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

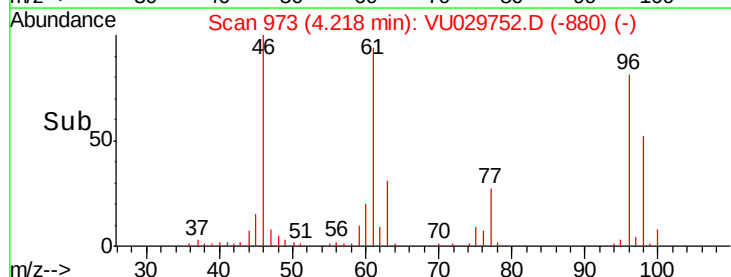
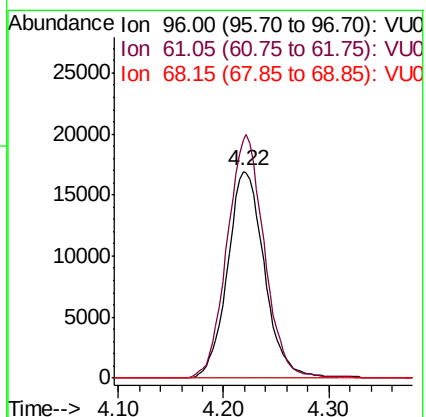
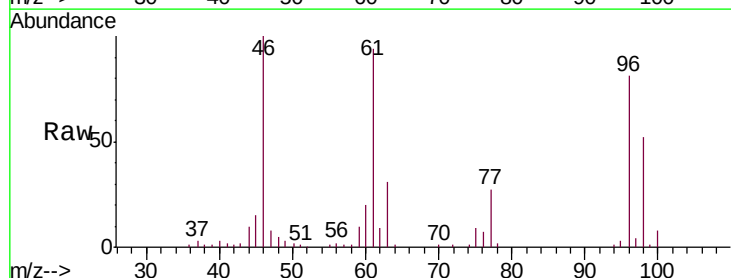
Tgt Ion: 96 Resp: 41076

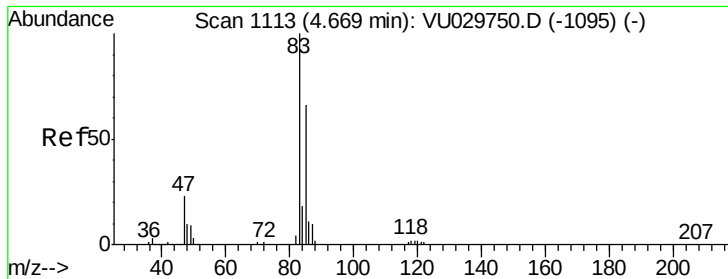
Ion Ratio Lower Upper

96 100

61 115.6 80.2 149.0

68 0.0 0.0 0.0

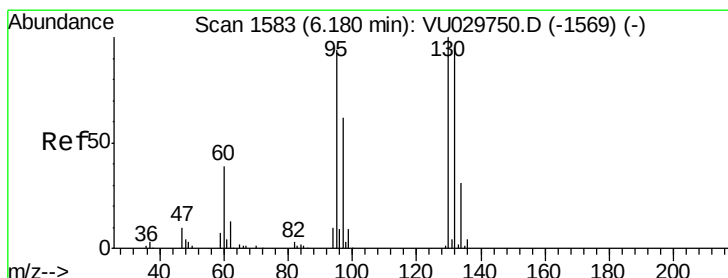
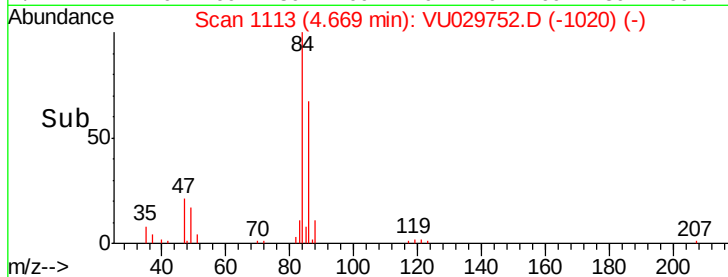
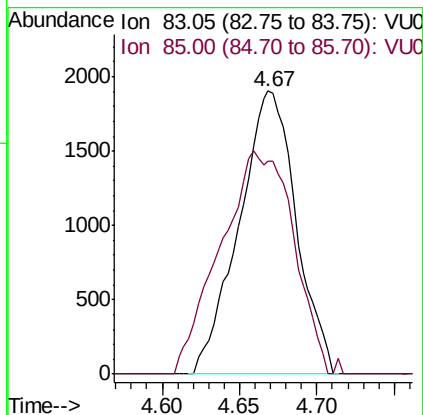
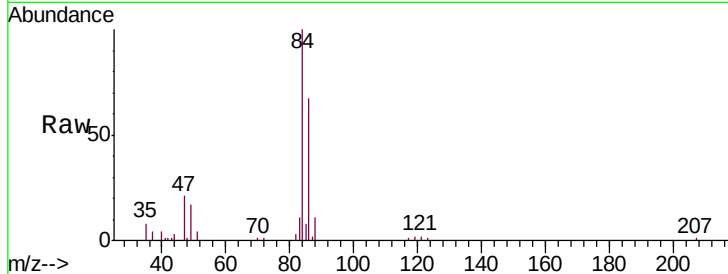




#25
Chloroform
Concen: 0.164 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

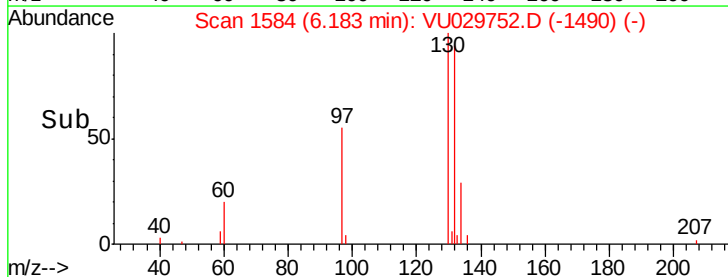
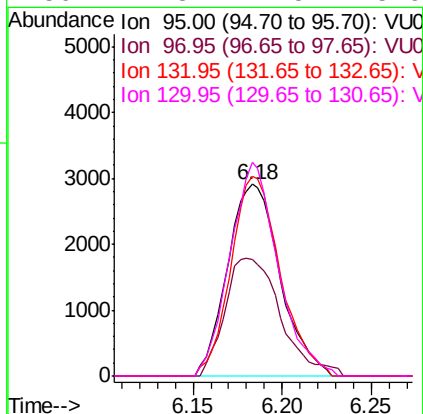
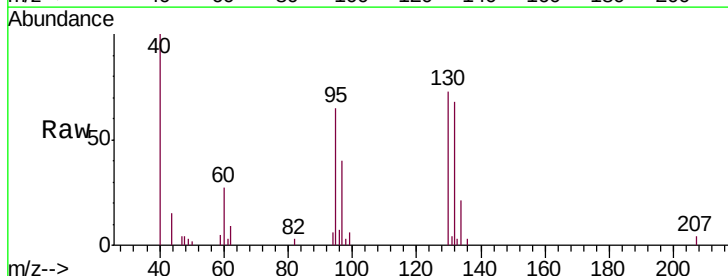
Instrument :
MSVOA_U
ClientSampleId :
CWJW2

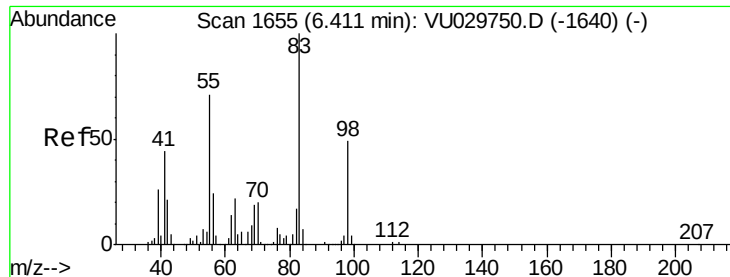
Tgt Ion: 83 Resp: 4887
Ion Ratio Lower Upper
83 100
85 75.2 45.6 84.6



#34
Trichloroethene
Concen: 0.357 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

Tgt Ion: 95 Resp: 5964
Ion Ratio Lower Upper
95 100
97 60.9 45.6 84.8
132 104.1 72.9 135.3
130 111.3 77.5 143.9

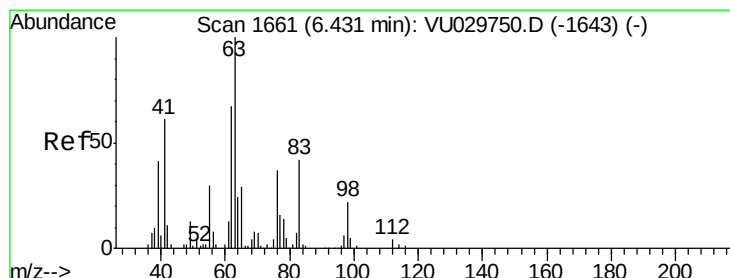
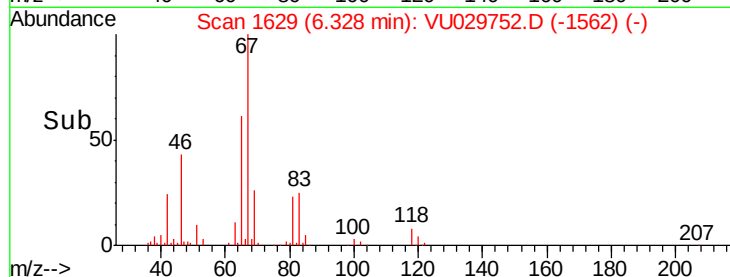
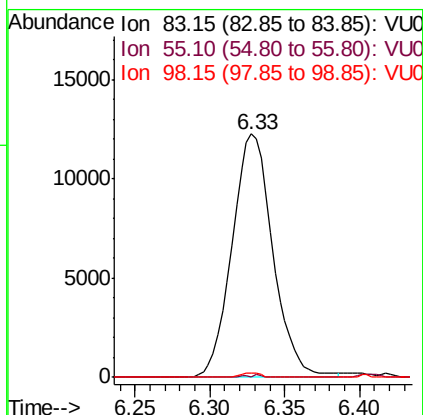
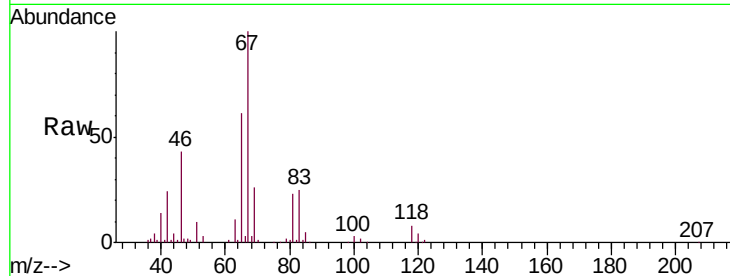




#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

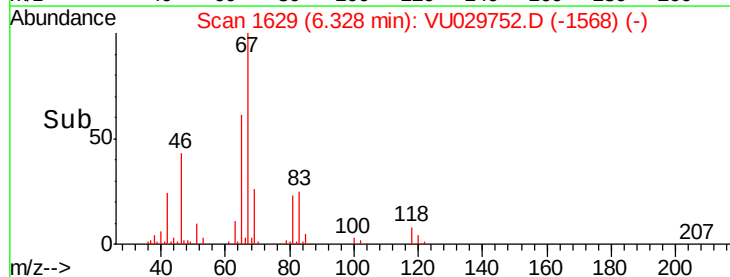
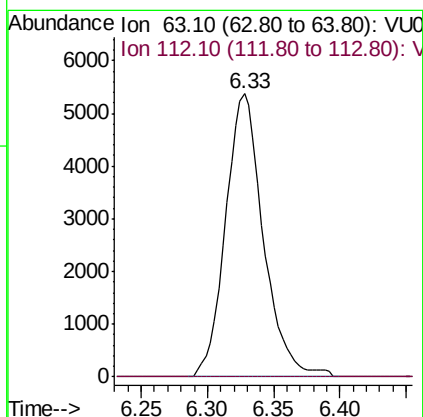
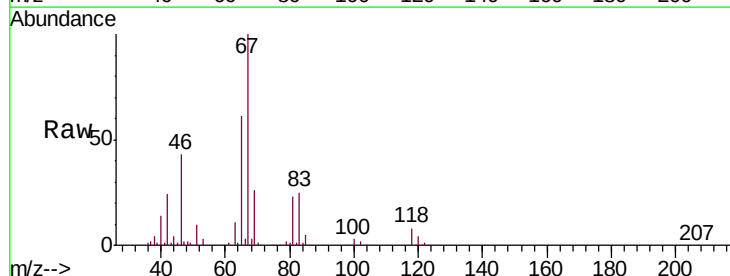
Instrument :
MSVOA_U
ClientSampleId :
CWJW2

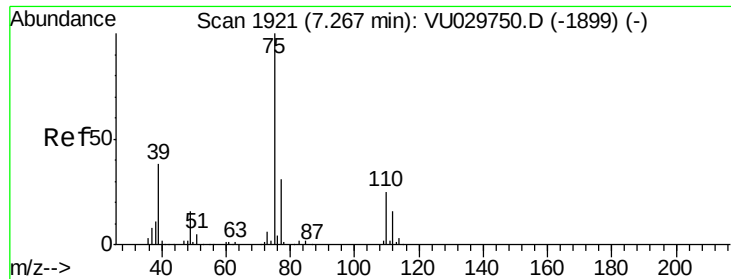
Tgt Ion: 83 Resp: 23320
Ion Ratio Lower Upper
83 100
55 0.2 56.5 84.7#
98 0.8 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

Tgt Ion: 63 Resp: 10635
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

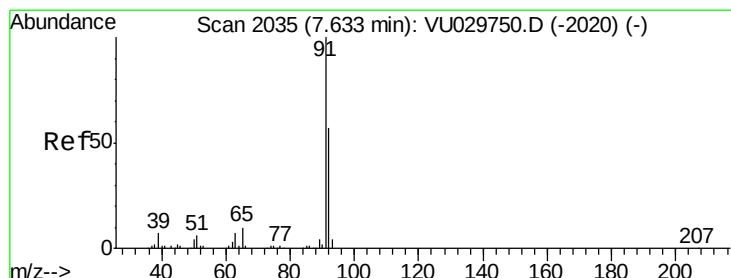
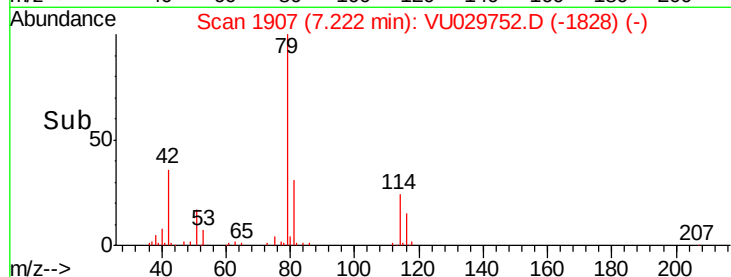
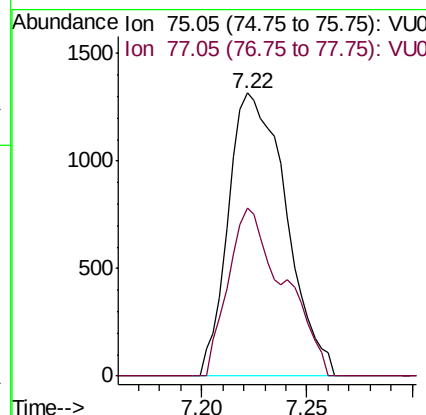
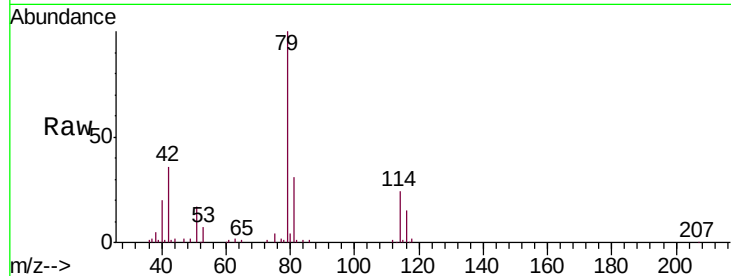




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU029752.D
 Acq: 01 Mar 2019 10:34

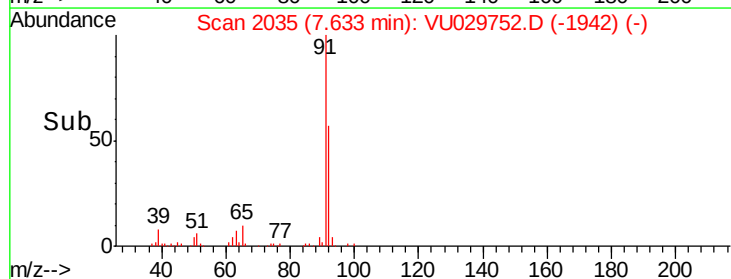
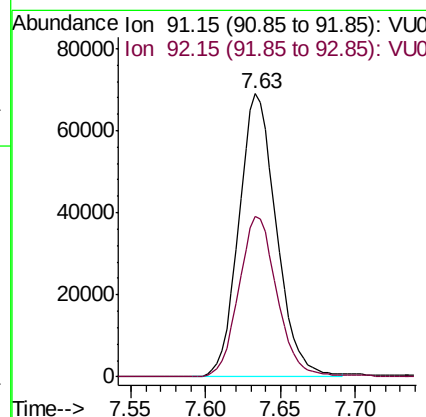
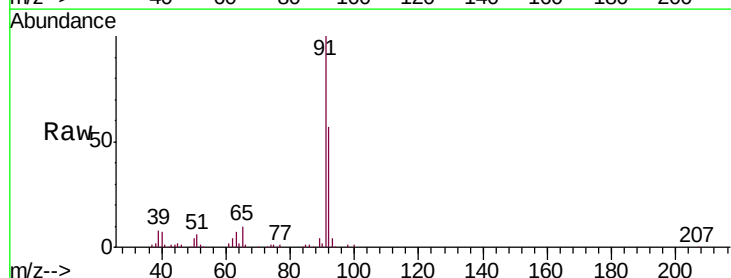
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJW2

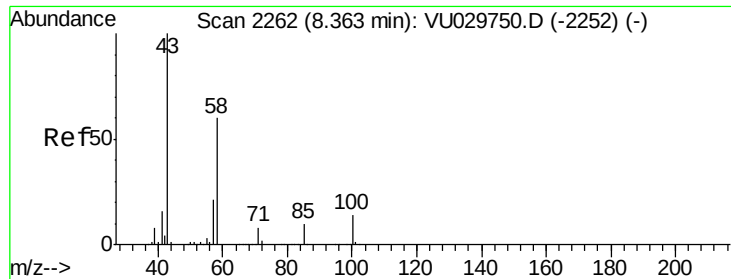
Tgt Ion: 75 Resp: 2509
 Ion Ratio Lower Upper
 75 100
 77 59.2 22.3 41.5#



#42
 Toluene
 Concen: 1.776 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU029752.D
 Acq: 01 Mar 2019 10:34

Tgt Ion: 91 Resp: 120530
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.1 74.5

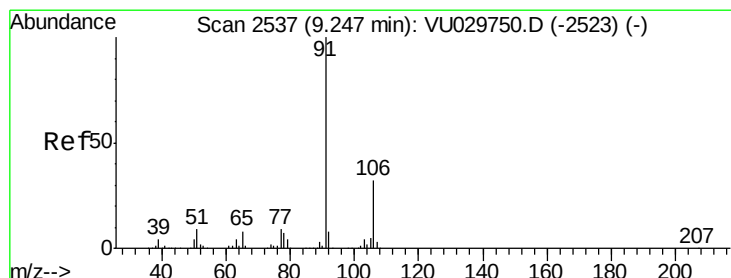
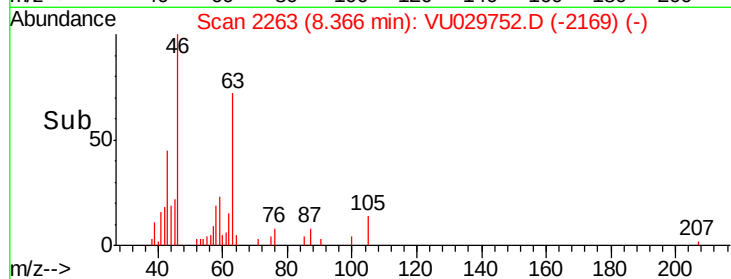
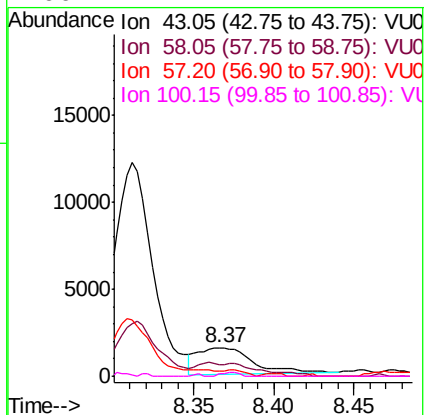
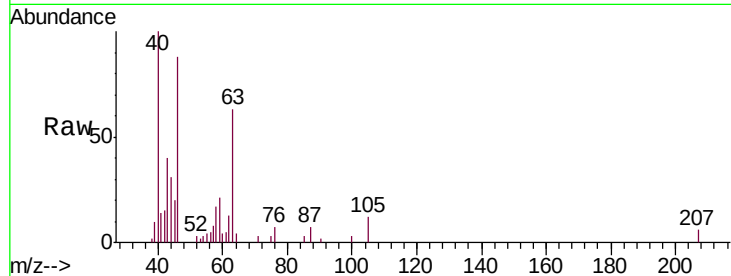




#48
2-Hexanone
Concen: 0.575 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

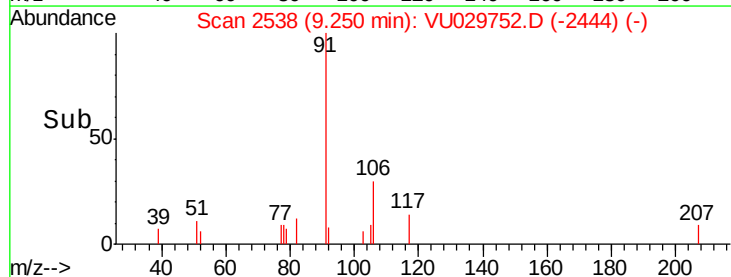
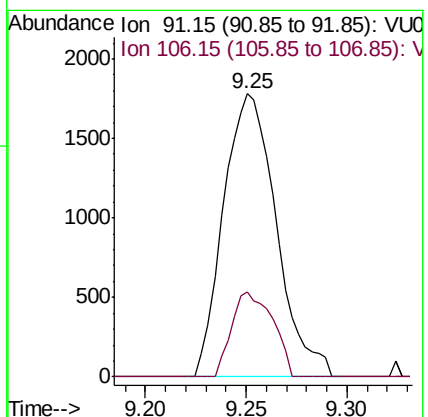
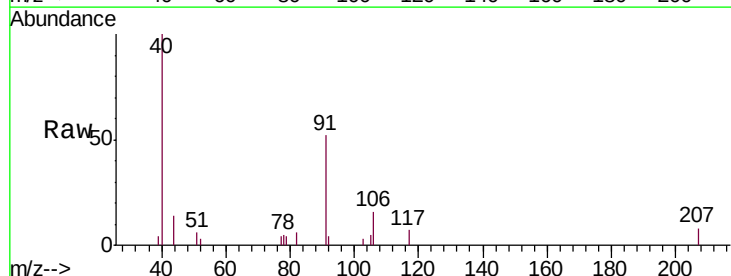
Instrument :
MSVOA_U
ClientSampleId :
CWJW2

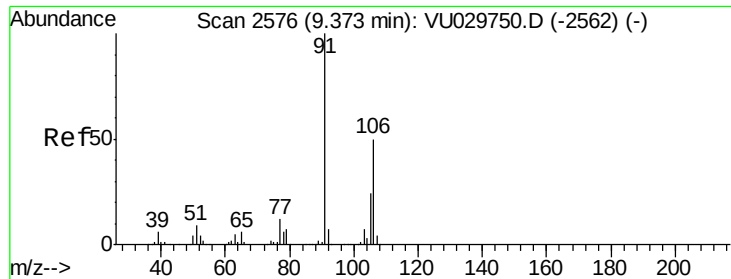
Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
58 7.8 46.6 69.8#
57 0.0 15.9 23.9#
100 1.2 11.4 17.2#



#52
Ethylbenzene
Concen: 0.043 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

Tgt Ion: 91 Resp: 3253
Ion Ratio Lower Upper
91 100
106 30.2 22.1 41.1

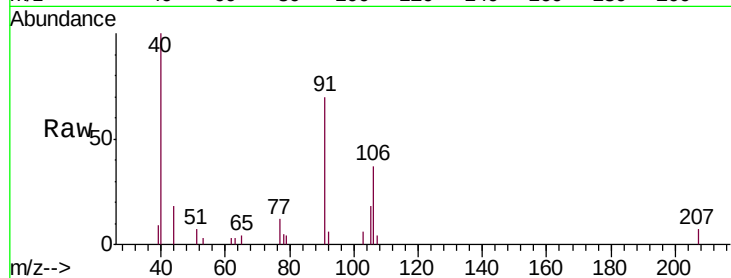




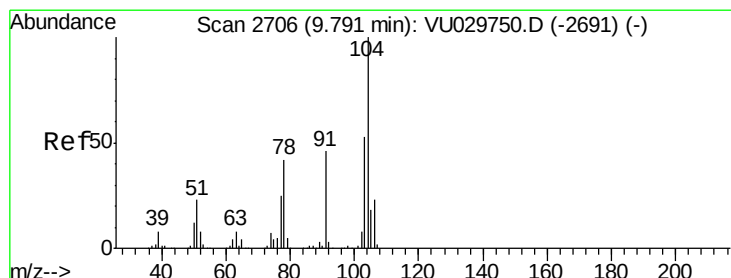
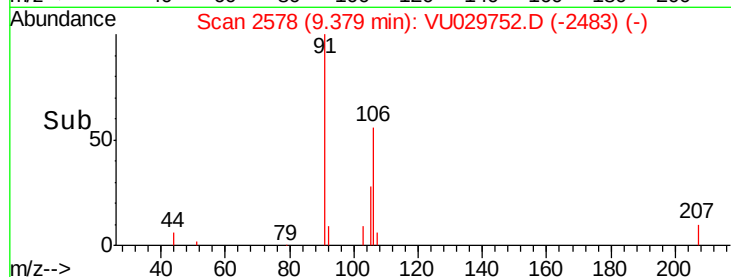
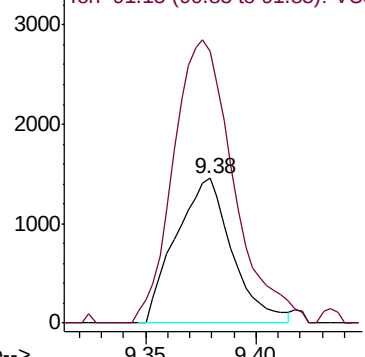
#53
m,p-xylene
Concen: 0.085 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
CWJW2

Tgt Ion:106 Resp: 2582
Ion Ratio Lower Upper
106 100
91 187.5 136.0 252.6

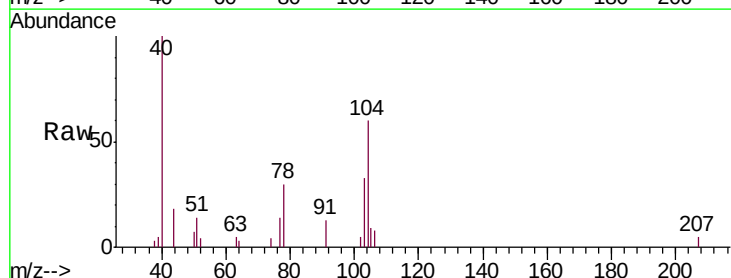


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

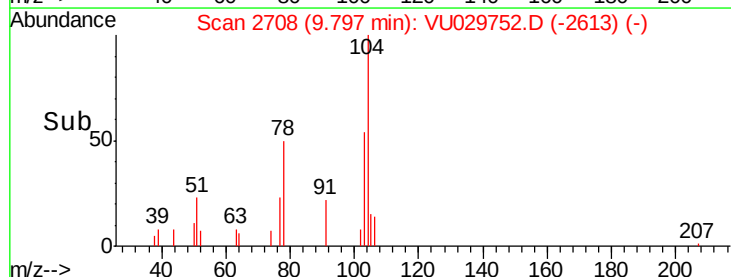
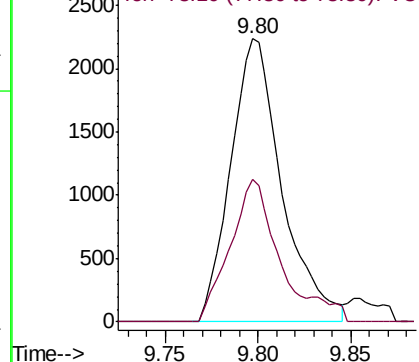


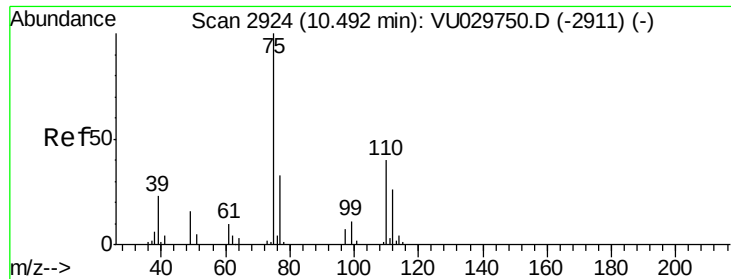
#55
Styrene
Concen: 0.088 ug/L
RT: 9.80 min Scan# 2708
Delta R.T. 0.01 min
Lab File: VU029752.D
Acq: 01 Mar 2019 10:34

Tgt Ion:104 Resp: 4287
Ion Ratio Lower Upper
104 100
78 50.4 29.2 54.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.132 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029752.D

Acq: 01 Mar 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

CWJW2

Tgt Ion: 75 Resp: 11393

Ion Ratio Lower Upper

75 100

77 38.1 25.6 38.4

