

Data File : VU029737.D
Acq On : 28 Feb 2019 14:53
Operator : JC/SP
Sample : K1577-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX3

Quant Time: Mar 01 00:24:09 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	251034	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122776	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74505	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.68	69	72301	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.27	63	116245	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	221453	59.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.48%
24) Chloroform-d	4.65	84	153469	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.31	65	82343	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.34	84	331746	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.33	67	101477	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.56	98	301396	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	37782	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.31	63	212633	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86700	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	128102	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	1438	0.067	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1274	0.065	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1481	0.080	ug/L #	1
13) Acetone	2.32	43	7300	2.741	ug/L	93
15) Methyl Acetate	2.44	43	8201	1.056	ug/L #	48
22) cis-1,2-Dichloroethene	4.22	96	16579	0.893	ug/L	90
25) Chloroform	4.67	83	9039	0.286	ug/L	99
34) Trichloroethene	6.18	95	53688	3.043	ug/L	97
37) 1,2-Dichloropropane	6.33	63	10969	0.689	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2365	0.101	ug/L #	61
42) Toluene	7.63	91	64154	0.895	ug/L	98
47) Tetrachloroethene	8.22	164	1233	0.075	ug/L #	76
48) 2-Hexanone	8.37	43	2069	0.316	ug/L #	69
49) Dibromochloromethane	8.23	129	1127	0.075	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13509	1.271	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
Quantitation Report (Not Reviewed)

Data File : VU029737.D
Acq On : 28 Feb 2019 14:53
Operator : JC/SP
Sample : K1577-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX3

Quant Time: Mar 01 00:24:09 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

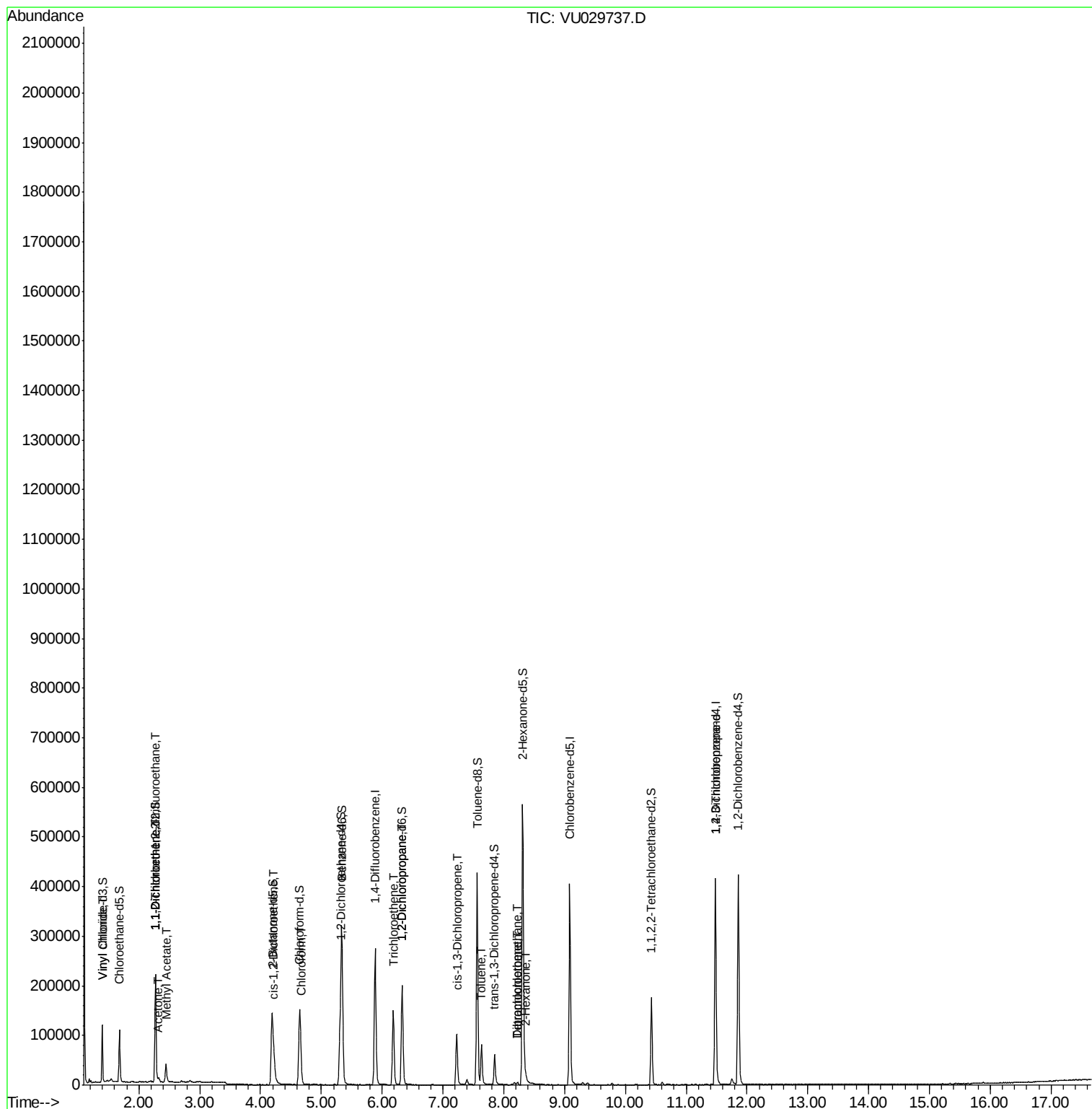
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

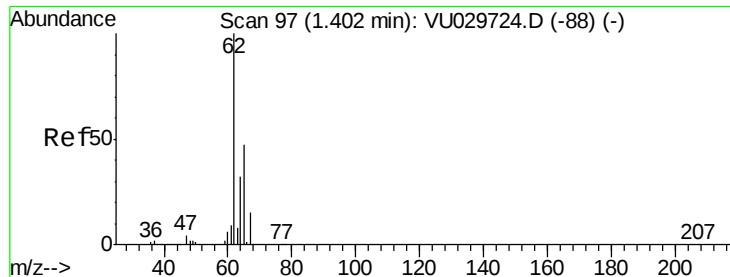
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU029737.D
Acq On : 28 Feb 2019 14:53
Operator : JC/SP
Sample : K1577-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX3

Quant Time: Mar 01 00:24:09 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





#5

Vinyl chloride

Concen: 0.067 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

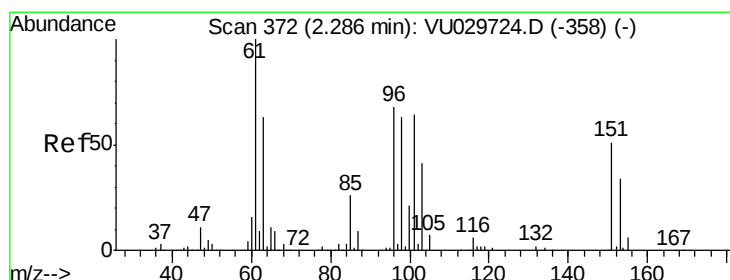
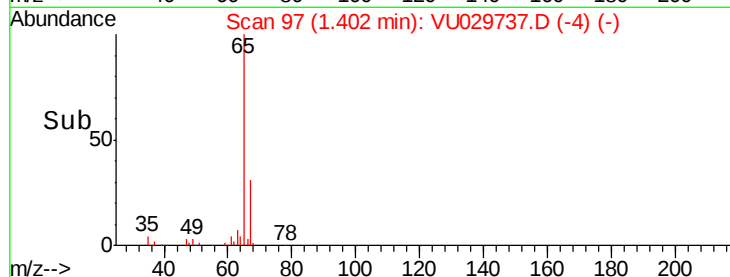
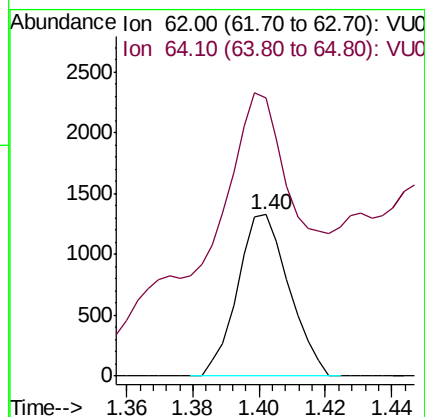
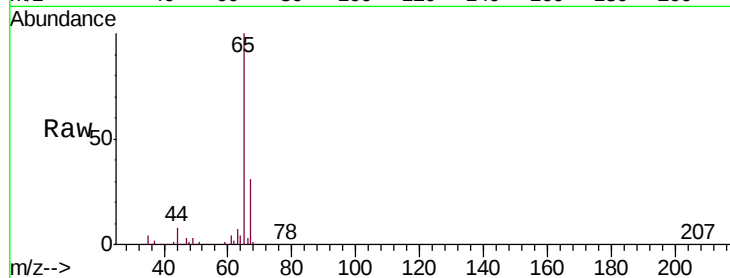
CWJX3

Tgt Ion: 62 Resp: 1438

Ion Ratio Lower Upper

62 100

64 171.8 24.8 46.1#



#10

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

Concen: 0.065 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

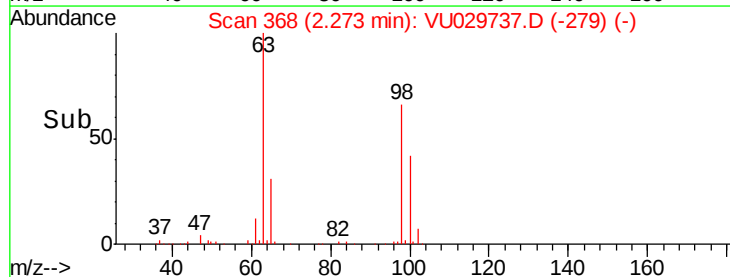
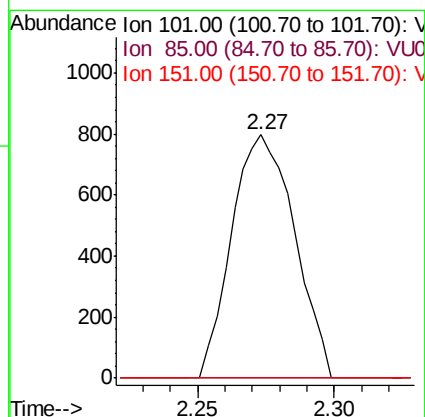
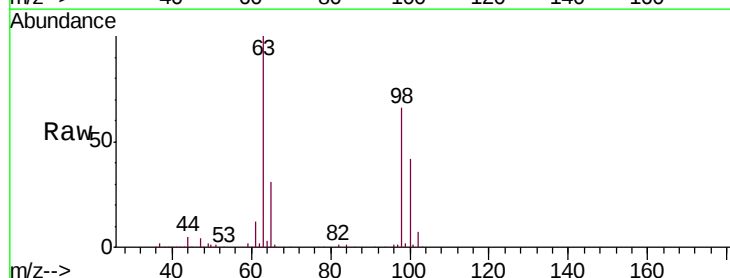
Tgt Ion: 101 Resp: 1274

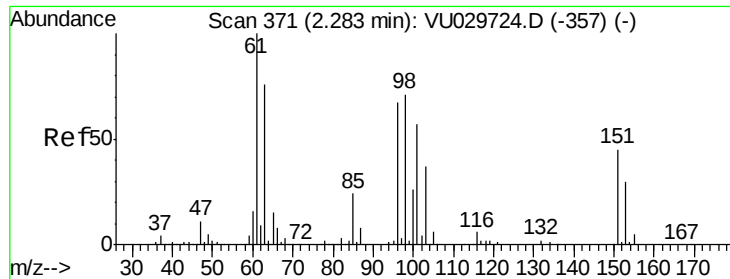
Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#

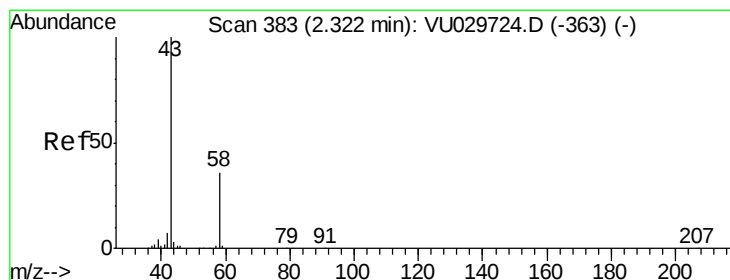
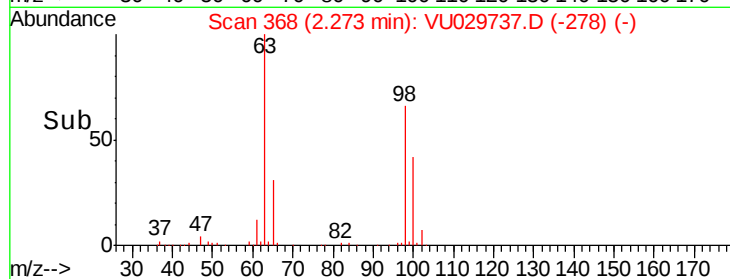
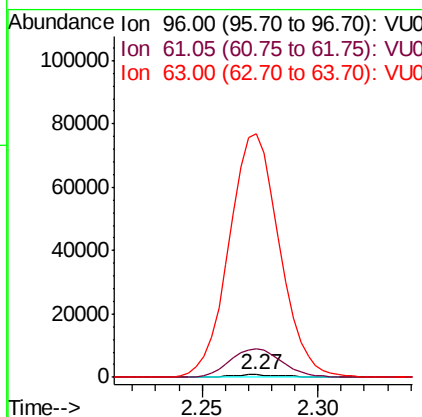
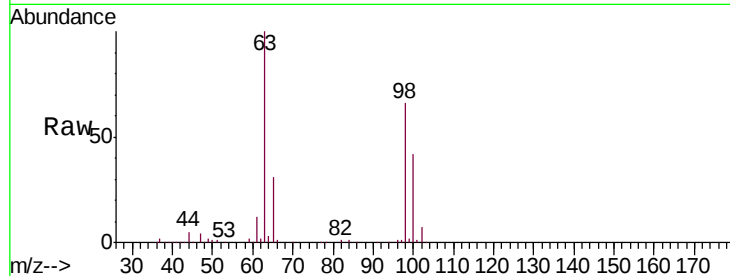




#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029737.D
 Acq: 28 Feb 2019 14:53

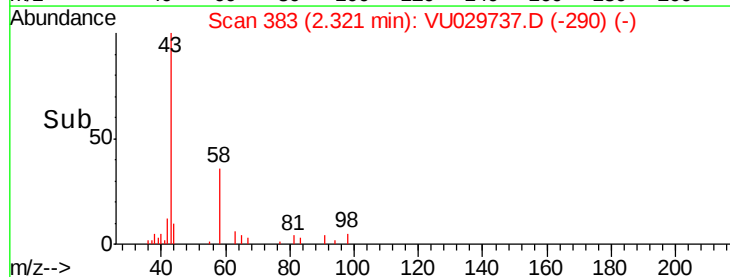
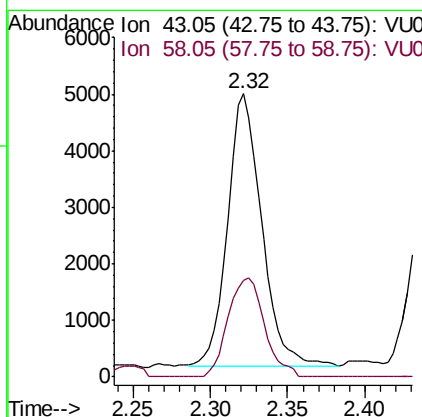
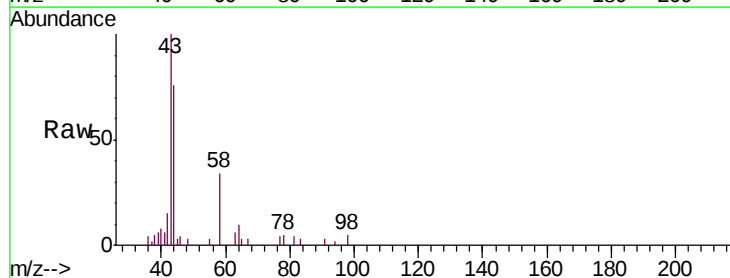
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJX3

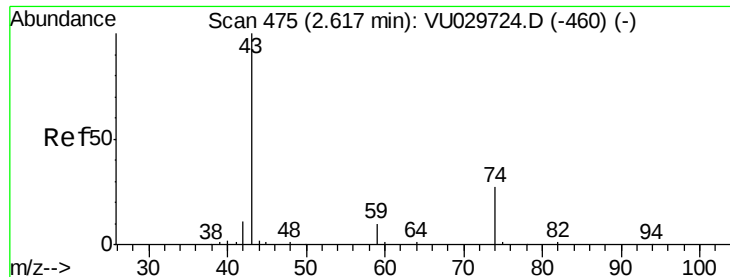
Tgt Ion: 96 Resp: 1481
 Ion Ratio Lower Upper
 96 100
 61 1075.8 111.3 206.7#
 63 9292.4 88.5 164.3#



#13
 Acetone
 Concen: 2.741 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VU029737.D
 Acq: 28 Feb 2019 14:53

Tgt Ion: 43 Resp: 7300
 Ion Ratio Lower Upper
 43 100
 58 39.2 0.0 70.2





#15

Methyl Acetate

Concen: 1.056 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

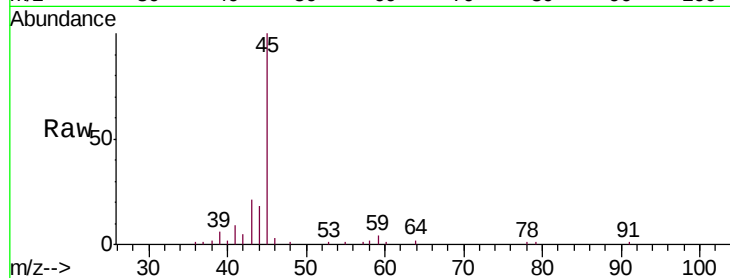
CWJX3

Tgt Ion: 43 Resp: 8201

Ion Ratio Lower Upper

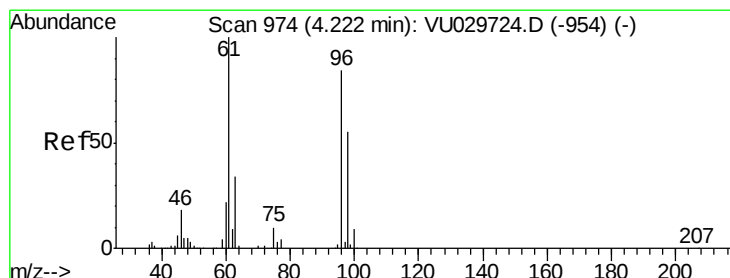
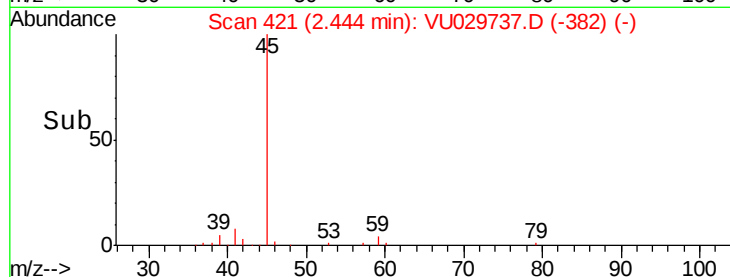
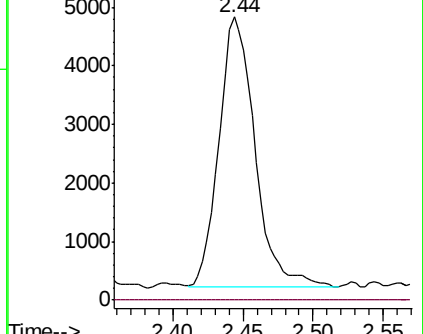
43 100

74 0.0 21.6 32.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.893 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

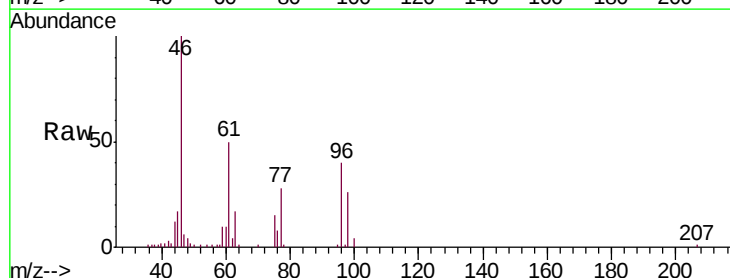
Tgt Ion: 96 Resp: 16579

Ion Ratio Lower Upper

96 100

61 125.9 80.2 149.0

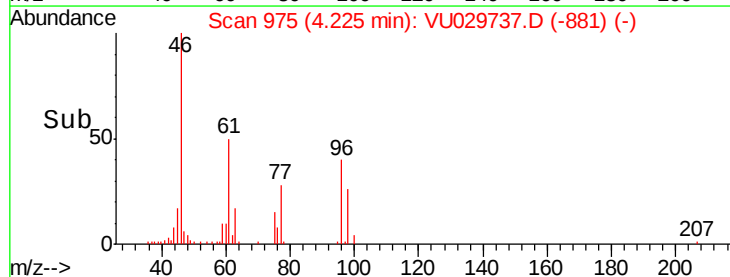
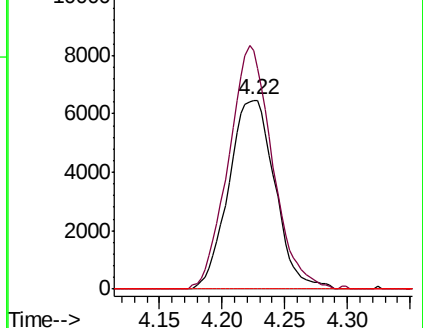
68 0.0 0.0 0.0

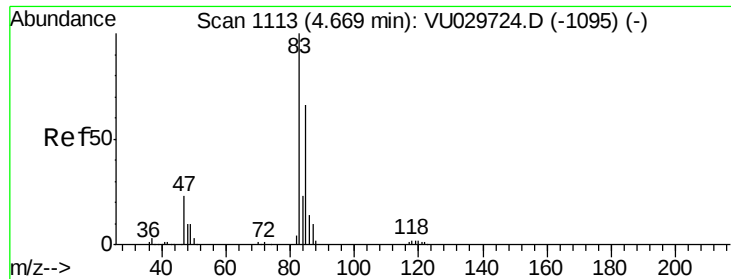


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.286 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

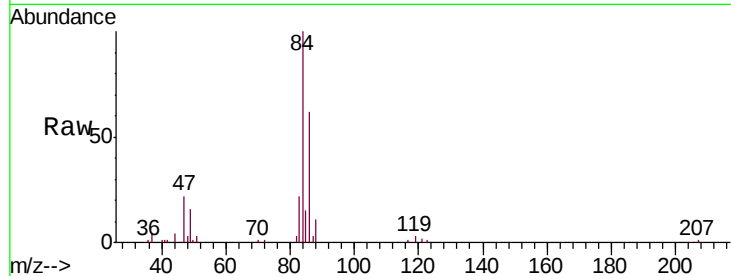
CWJX3

Tgt Ion: 83 Resp: 9039

Ion Ratio Lower Upper

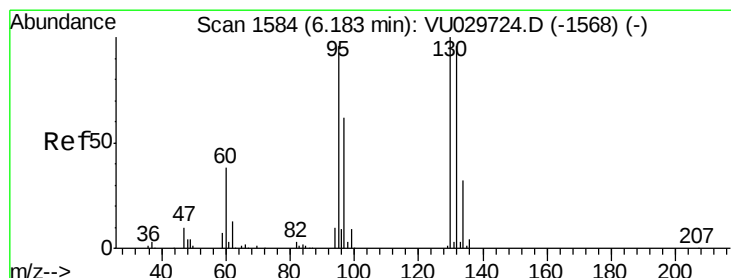
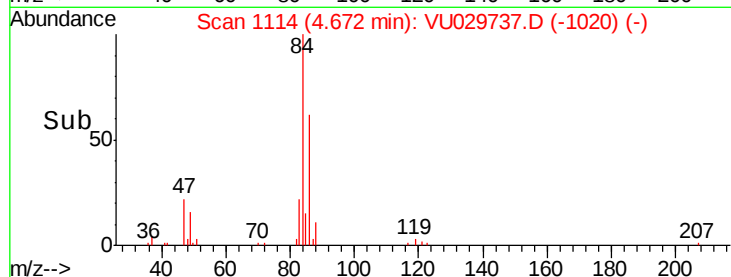
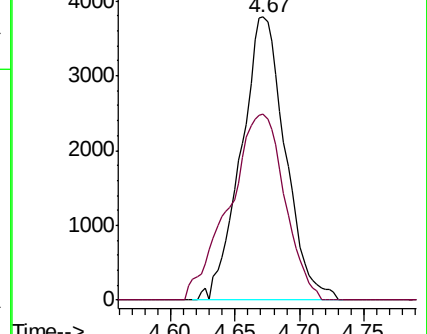
83 100

85 65.6 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 3.043 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Tgt Ion: 95 Resp: 53688

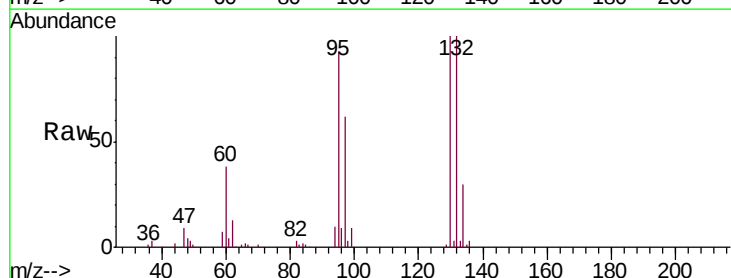
Ion Ratio Lower Upper

95 100

97 66.7 45.6 84.8

132 106.5 72.9 135.3

130 107.0 77.5 143.9

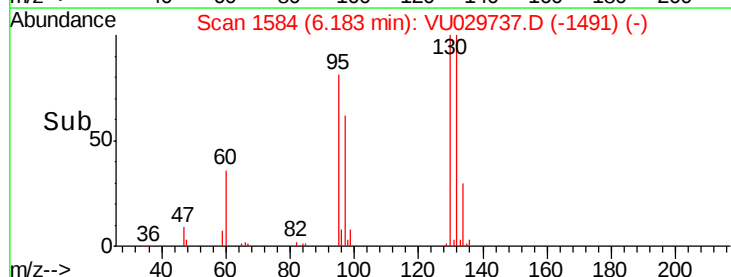
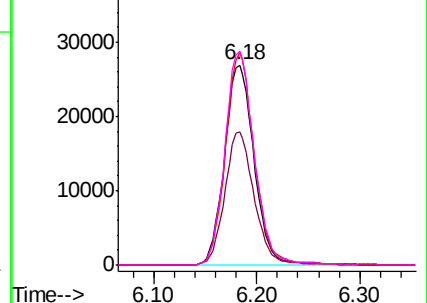


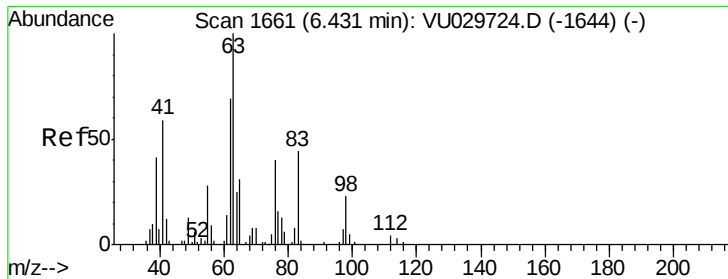
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

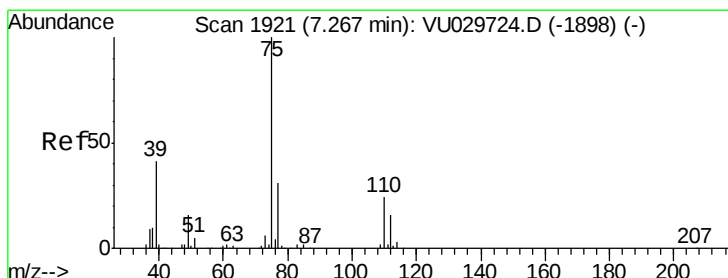
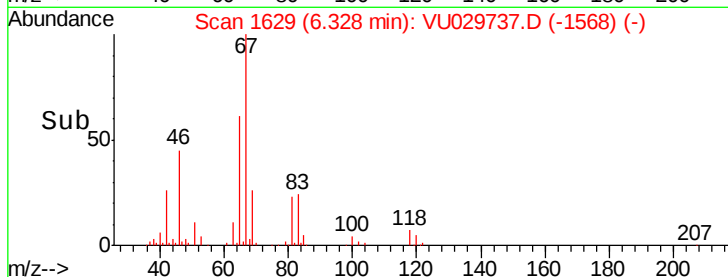
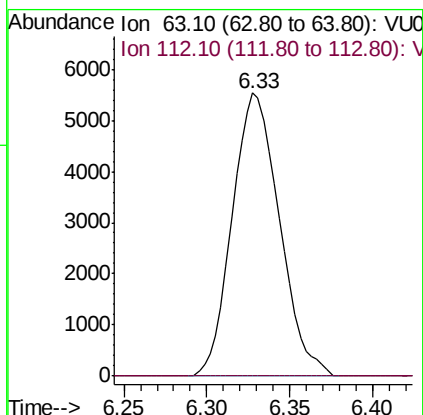
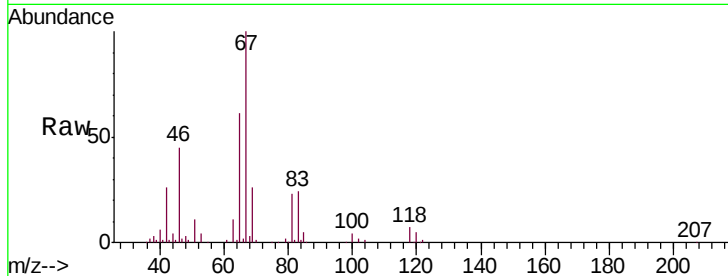




#37
 1,2-Dichloropropane
 Concen: 0.689 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029737.D
 Acq: 28 Feb 2019 14:53

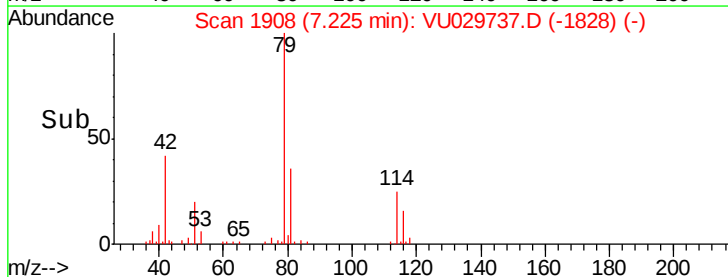
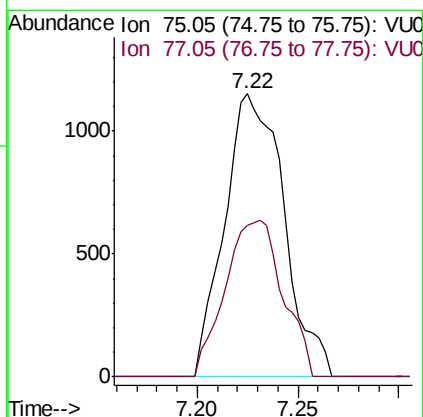
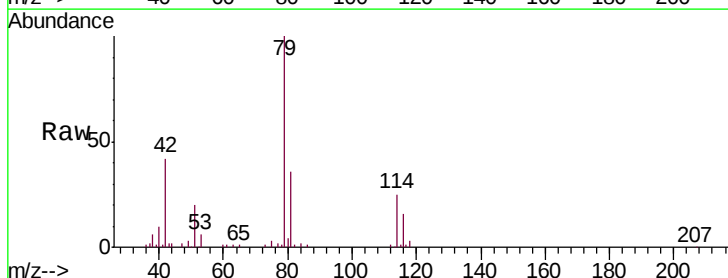
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJX3

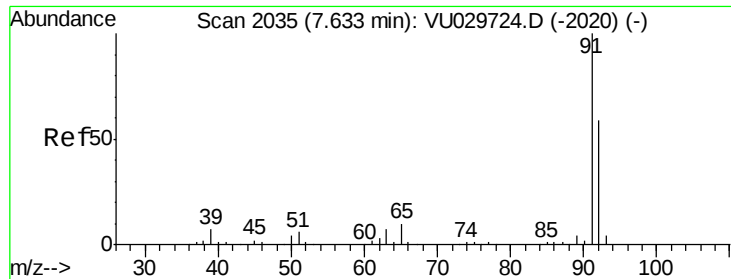
Tgt Ion: 63 Resp: 10969
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029737.D
 Acq: 28 Feb 2019 14:53

Tgt Ion: 75 Resp: 2365
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.3 41.5#





#42

Toluene

Concen: 0.895 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Instrument :

MSVOA_U

ClientSampled :

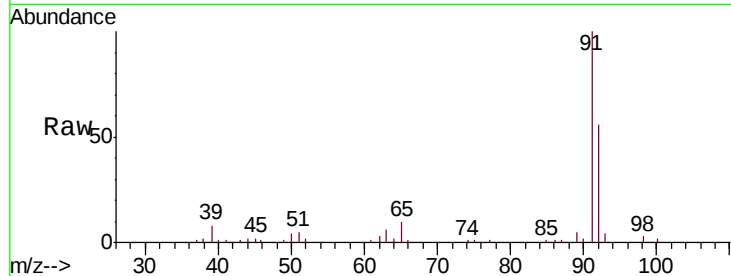
CWJX3

Tgt Ion: 91 Resp: 64154

Ion Ratio Lower Upper

91 100

92 55.9 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU029737.D (-2125) (-)

Ion 92.15 (91.85 to 92.85): VU029737.D (-2125) (-)

7.63

40000

30000

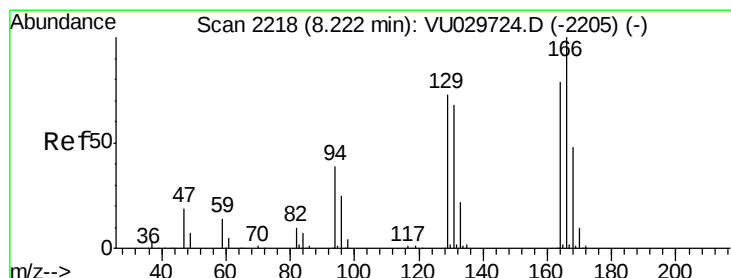
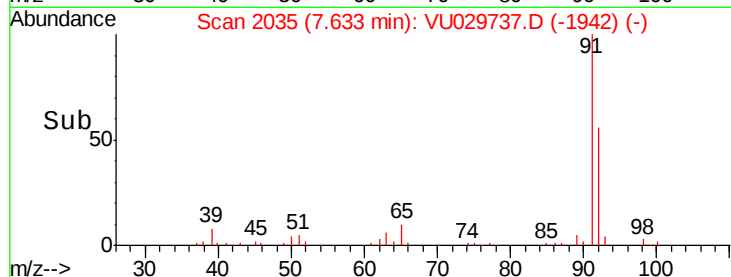
20000

10000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#47

Tetrachloroethene

Concen: 0.075 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Tgt Ion: 164 Resp: 1233

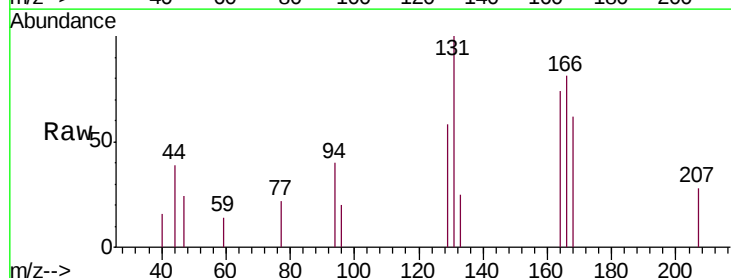
Ion Ratio Lower Upper

164 100

129 77.7 62.9 116.7

131 134.9 61.8 114.8#

166 109.6 88.8 164.8



Abundance Ion 163.90 (163.60 to 164.60): VU029737.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU029737.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU029737.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU029737.D (-2125) (-)

1500

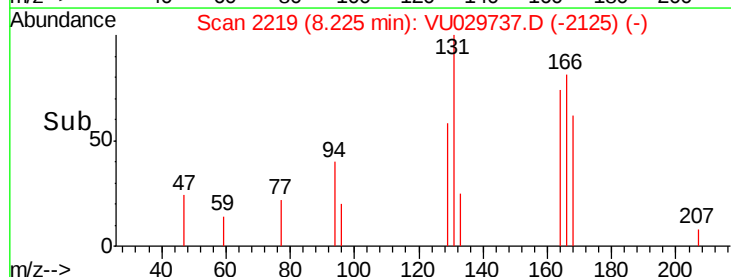
1000

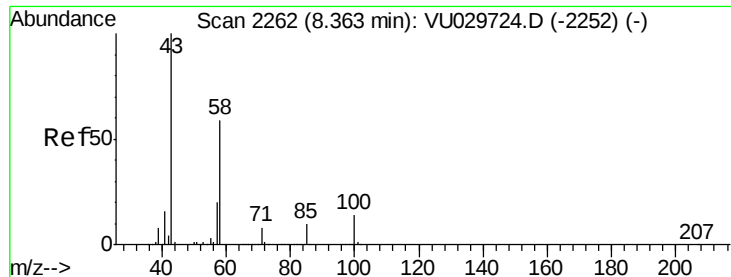
500

0

8.20 8.25

Time-->

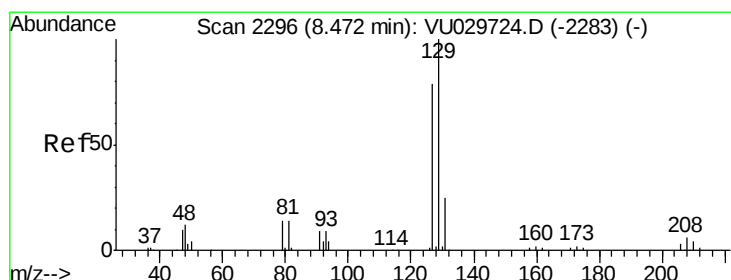
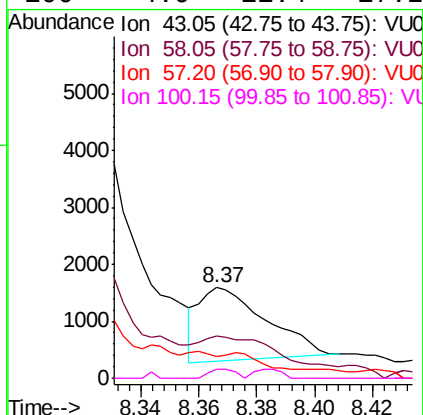
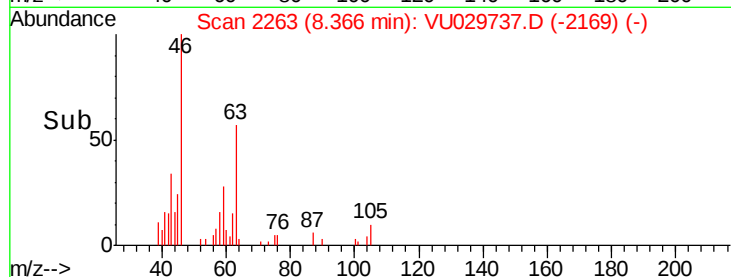
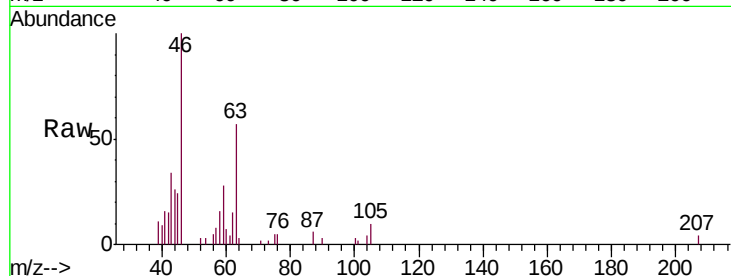




#48
2-Hexanone
Concen: 0.316 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029737.D
Acq: 28 Feb 2019 14:53

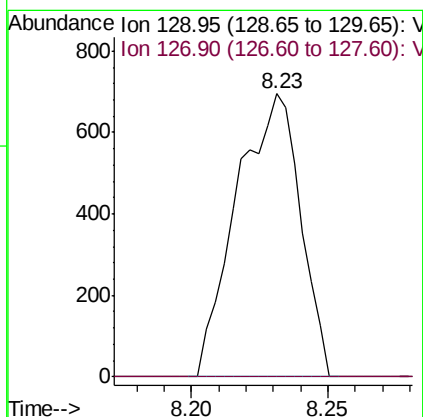
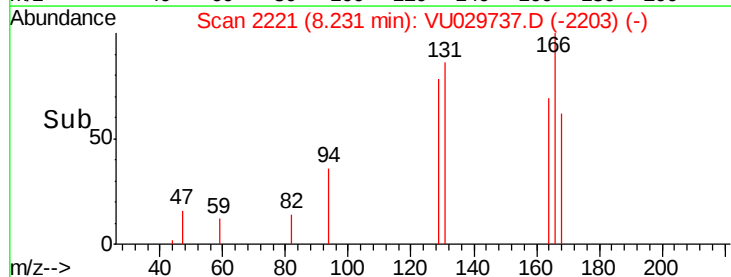
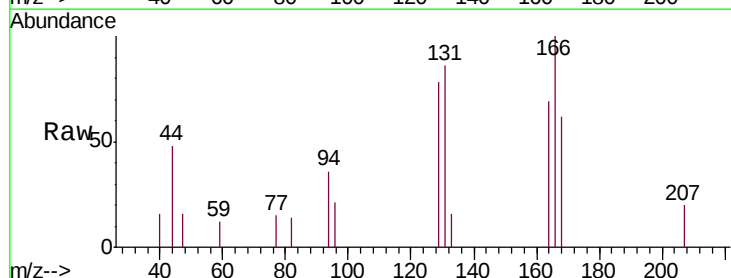
Instrument :
MSVOA_U
ClientSampleId :
CWJX3

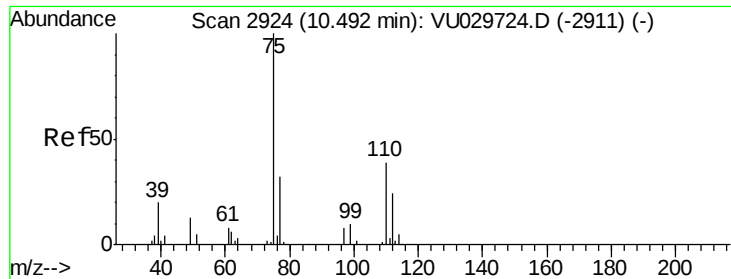
Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 79.7 46.6 69.8#
57 0.0 15.9 23.9#
100 4.9 11.4 17.2#



#49
Dibromochloromethane
Concen: 0.075 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU029737.D
Acq: 28 Feb 2019 14:53

Tgt Ion: 129 Resp: 1127
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#59

1,2,3-Trichloropropane

Concen: 1.271 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029737.D

Acq: 28 Feb 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

CWJX3

Tgt Ion: 75 Resp: 13509

Ion Ratio Lower Upper

75 100

77 33.6 25.6 38.4

