

Data File : VU029740.D
Acq On : 28 Feb 2019 16:04
Operator : JC/SP
Sample : K1577-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX6

Quant Time: Mar 01 00:24:42 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	237858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68280	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	68370	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	105788	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.19	46	219361	62.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.92%
24) Chloroform-d	4.65	84	148523	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	79633	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.34	84	314514	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	97960	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.56	98	274614	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	35569	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.31	63	211950	60.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85140	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	120592	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

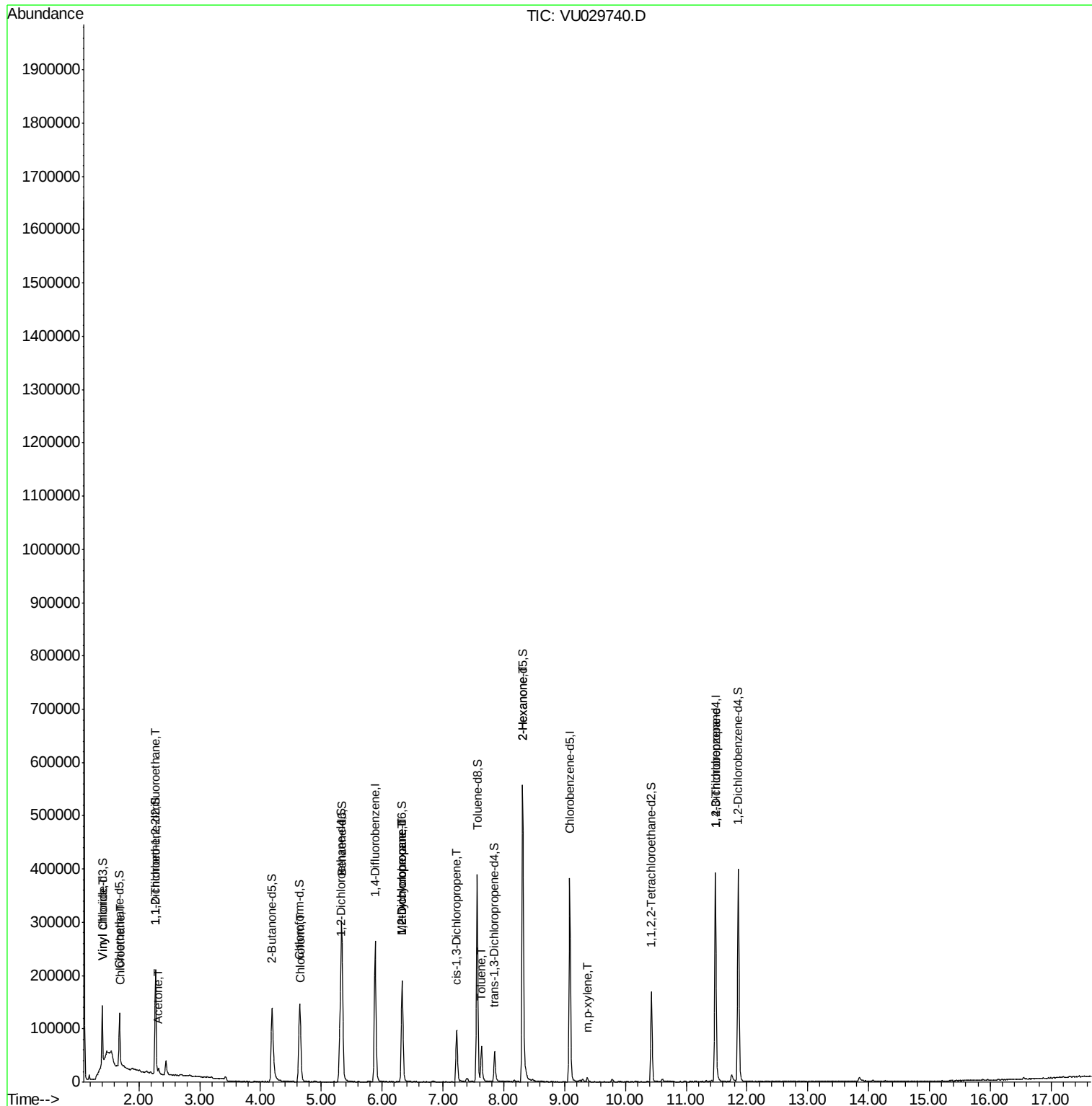
					Qvalue	
5) Vinyl chloride	1.40	62	780	0.038	ug/L #	1
8) Chloroethane	1.70	64	2822	0.215	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1069	0.058	ug/L #	17
13) Acetone	2.32	43	9158	3.630	ug/L	100
25) Chloroform	4.67	83	3566	0.119	ug/L	97
35) Methylcyclohexane	6.33	83	23795	0.851	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10055	0.646	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2431	0.107	ug/L #	54
42) Toluene	7.64	91	52701	0.752	ug/L	99
48) 2-Hexanone	8.31	43	22308	3.487	ug/L #	67
53) m,p-xylene	9.37	106	2820	0.090	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	11754	1.131	ug/L	94

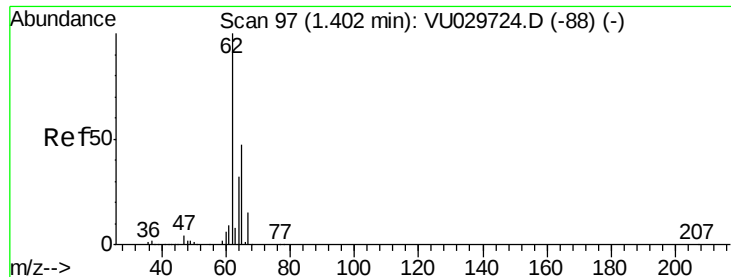
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.038 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

Instrument :

MSVOA_U

ClientSampled :

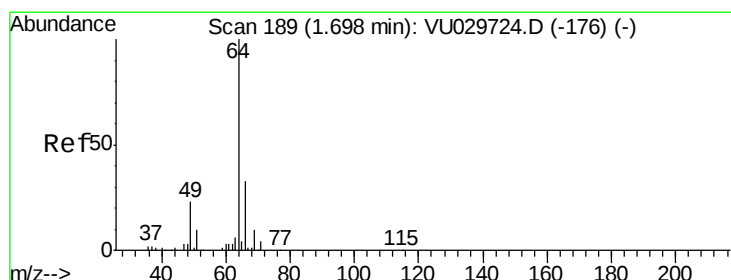
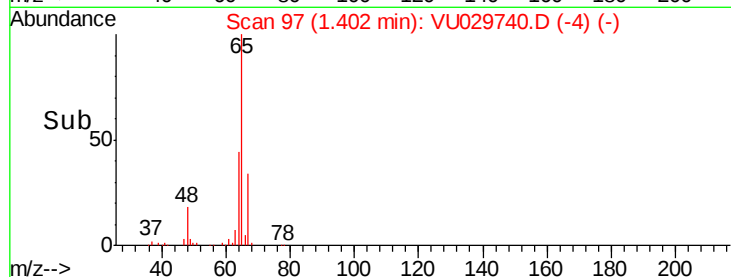
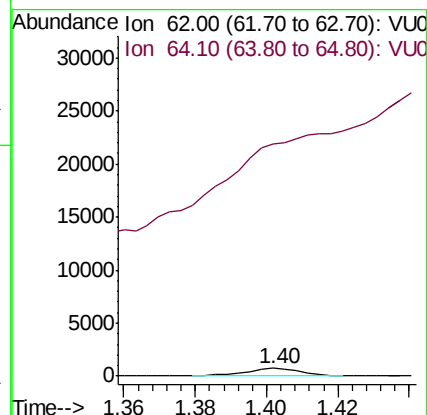
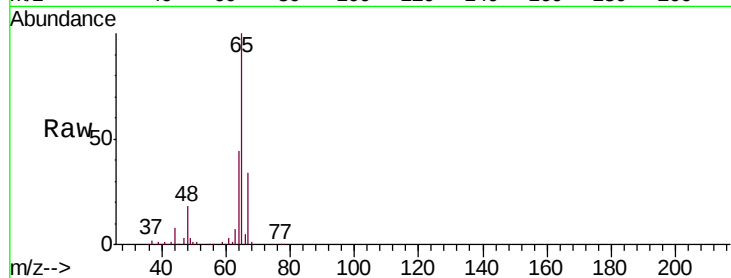
CWJX6

Tgt Ion: 62 Resp: 780

Ion Ratio Lower Upper

62 100

64 2985.3 24.8 46.1#



#8

Chloroethane

Concen: 0.215 ug/L

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU029740.D

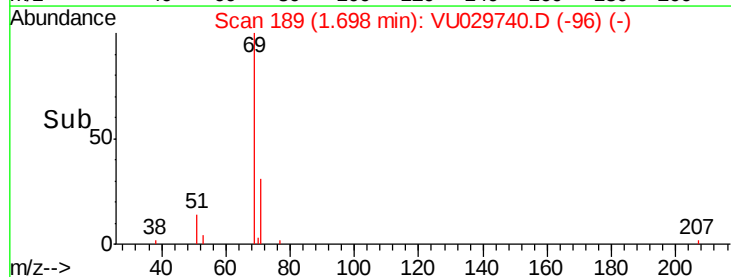
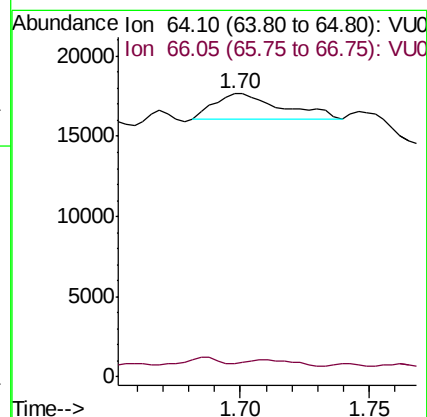
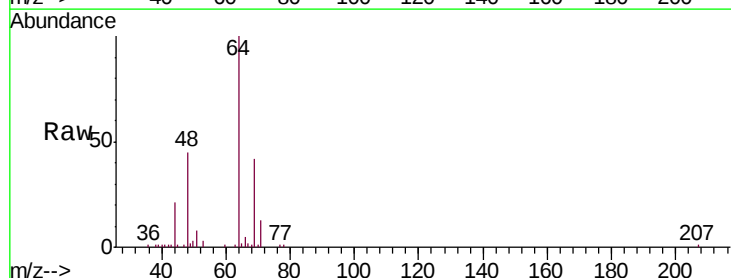
Acq: 28 Feb 2019 16:04

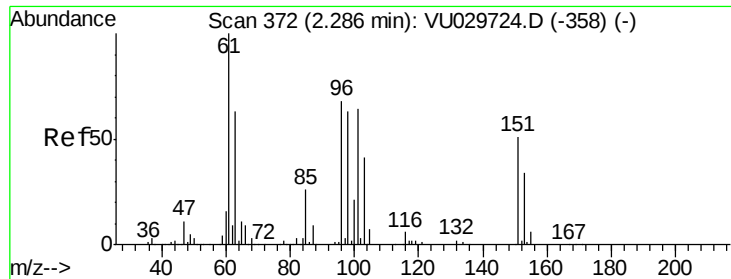
Tgt Ion: 64 Resp: 2822

Ion Ratio Lower Upper

64 100

66 4.7 21.4 39.8#





#10

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

Concen: 0.058 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

CWJX6

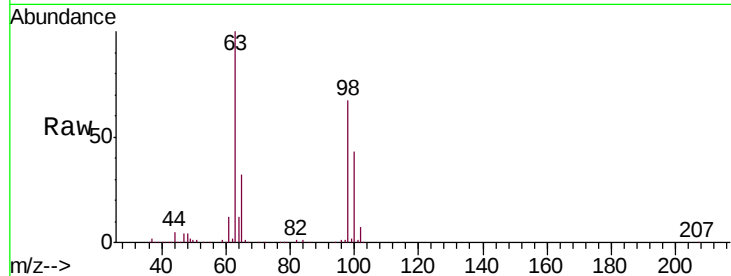
Tgt Ion: 101 Resp: 1069

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

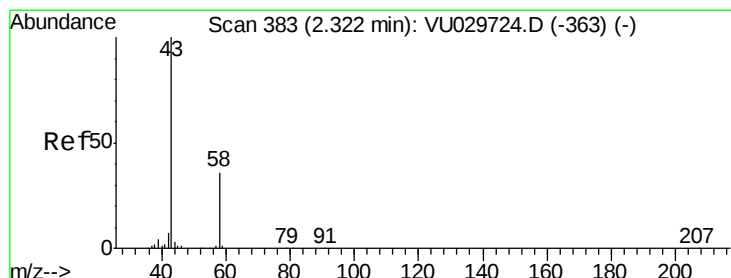
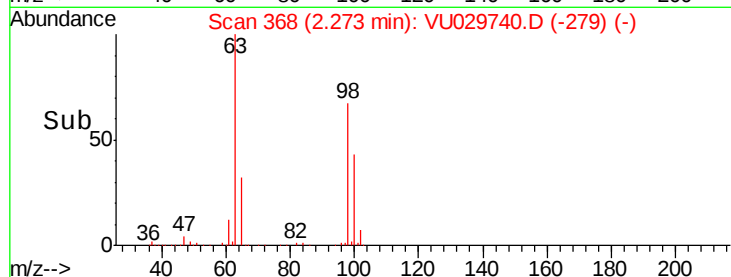
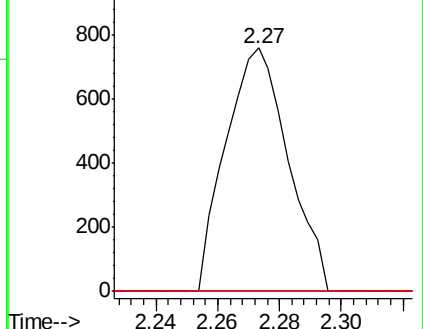
151 0.0 65.9 98.9#



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



#13

Acetone

Concen: 3.630 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029740.D

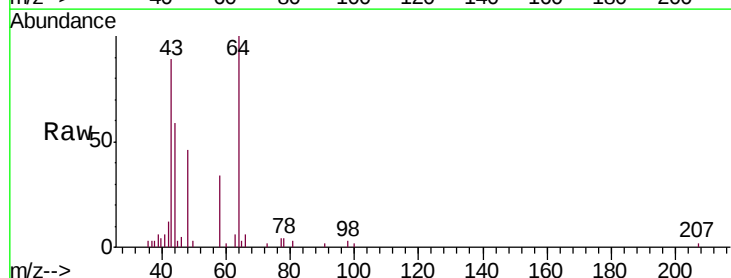
Acq: 28 Feb 2019 16:04

Tgt Ion: 43 Resp: 9158

Ion Ratio Lower Upper

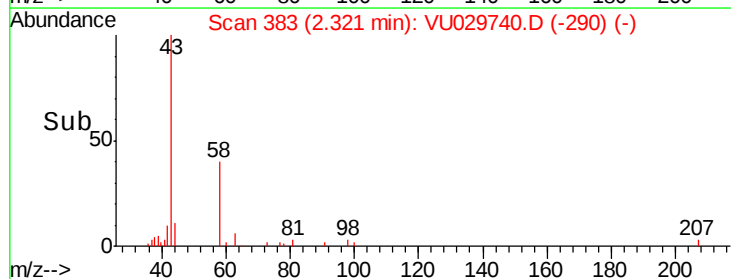
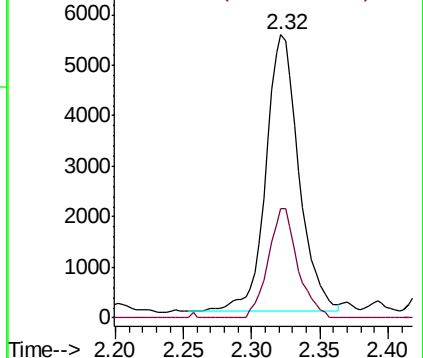
43 100

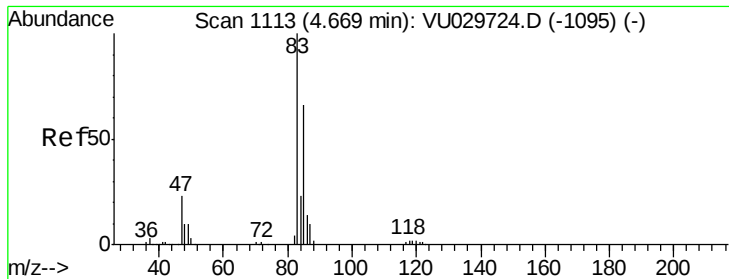
58 35.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 0.119 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

Instrument :

MSVOA_U

ClientSampled :

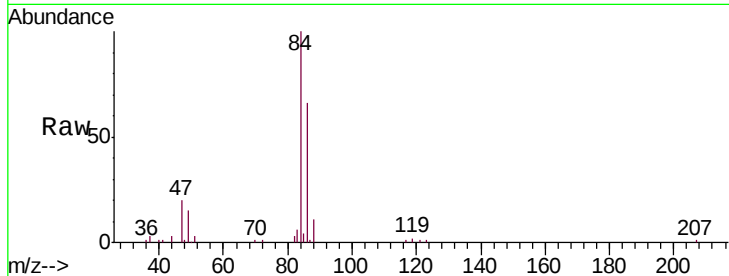
CWJX6

Tgt Ion: 83 Resp: 3566

Ion Ratio Lower Upper

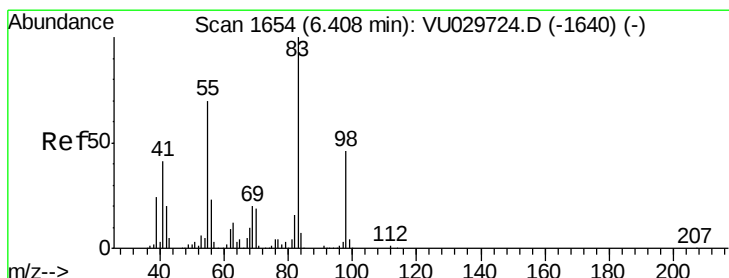
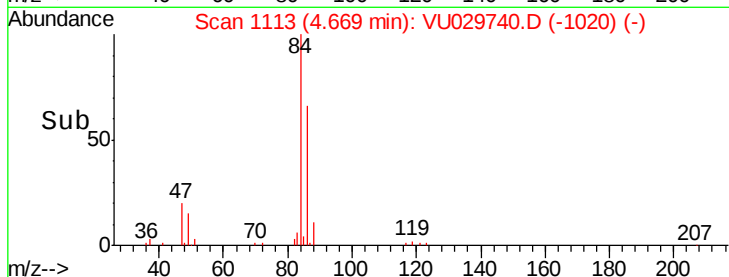
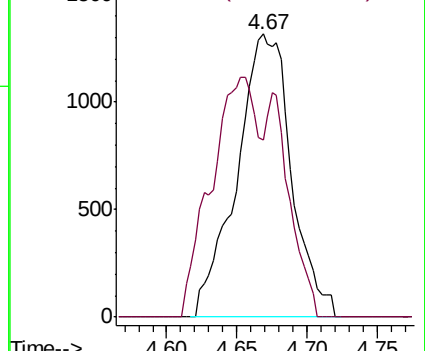
83 100

85 62.4 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

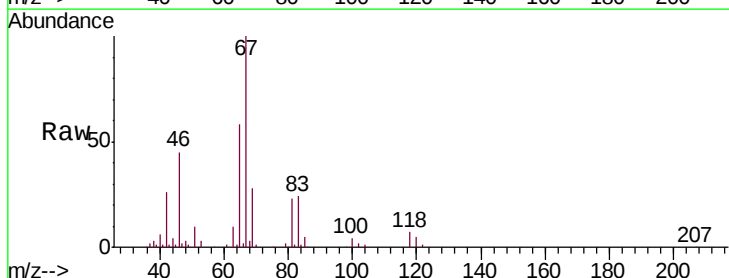
Tgt Ion: 83 Resp: 23795

Ion Ratio Lower Upper

83 100

55 0.1 56.5 84.7#

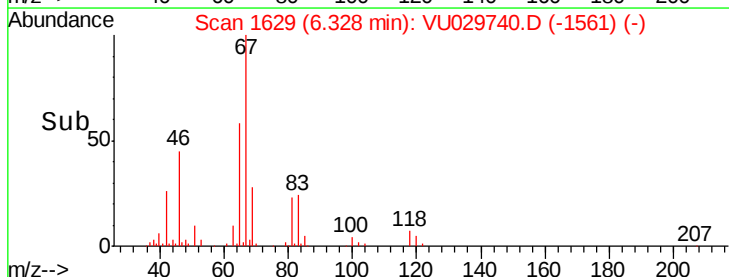
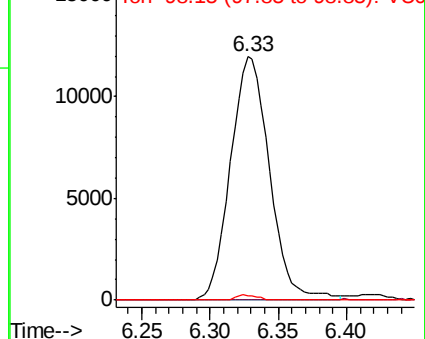
98 1.1 39.4 59.2#

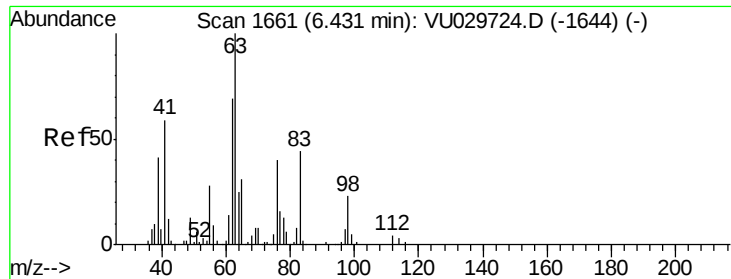


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

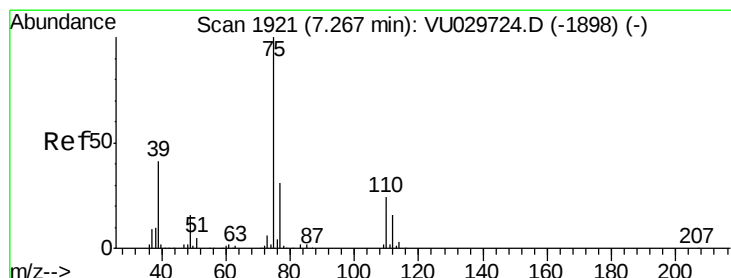
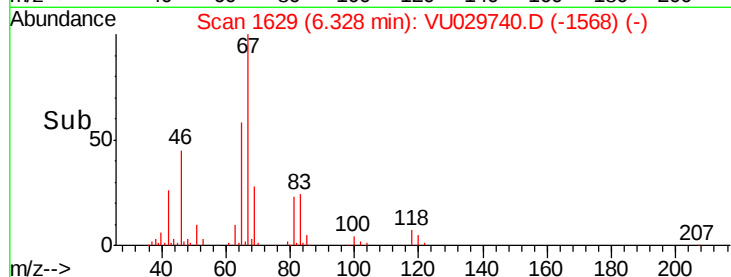
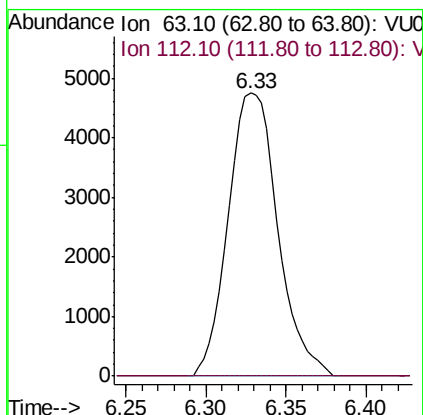
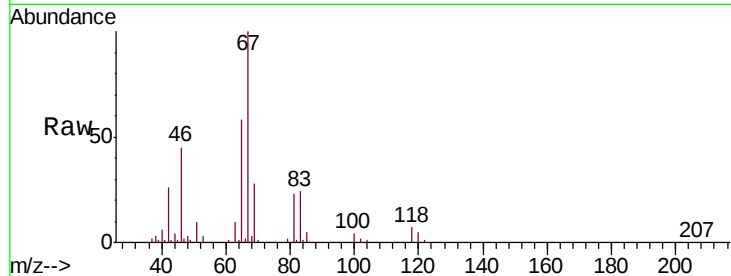




#37
 1,2-Dichloropropane
 Concen: 0.646 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029740.D
 Acq: 28 Feb 2019 16:04

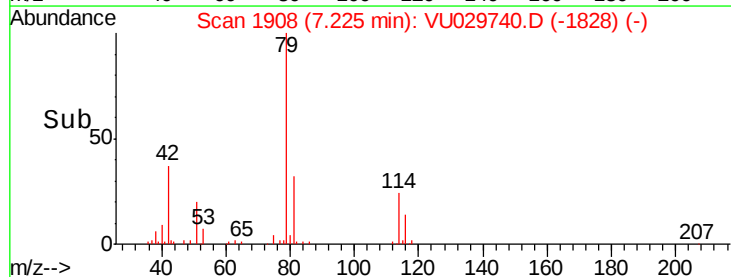
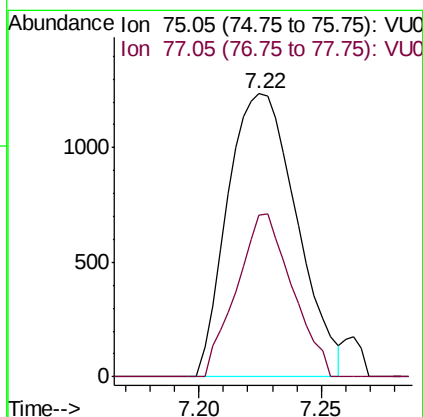
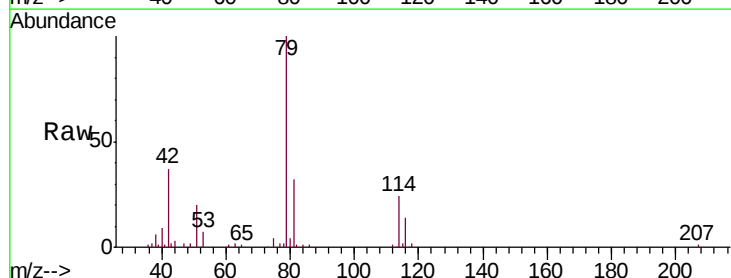
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJX6

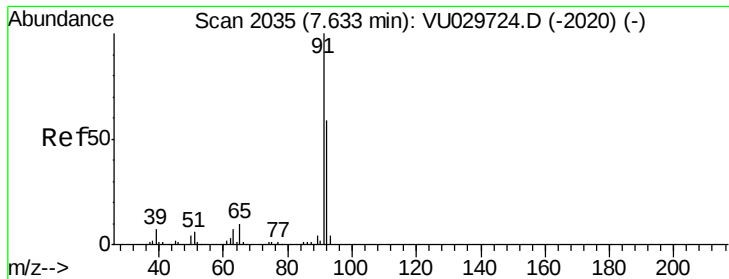
Tgt Ion: 63 Resp: 10055
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029740.D
 Acq: 28 Feb 2019 16:04

Tgt Ion: 75 Resp: 2431
 Ion Ratio Lower Upper
 75 100
 77 57.3 22.3 41.5#





#42

Toluene

Concen: 0.752 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

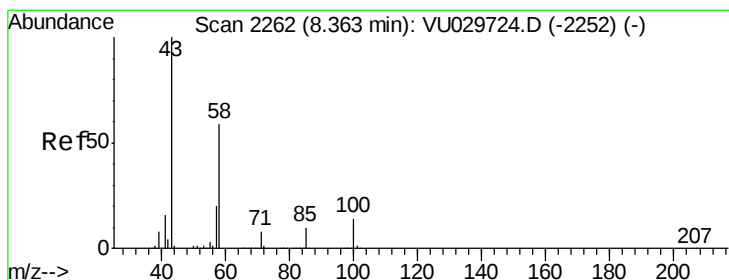
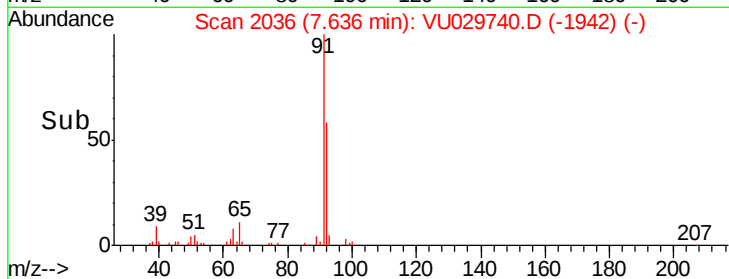
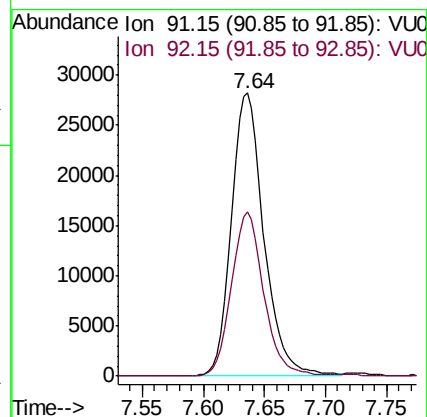
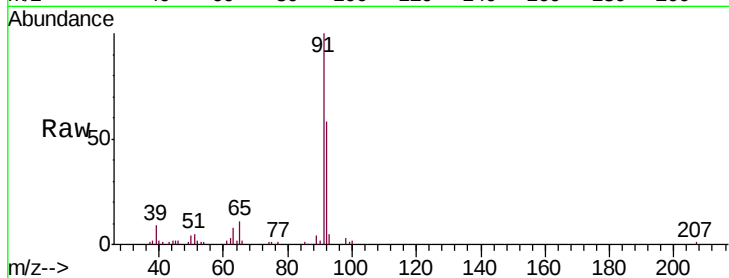
CWJX6

Tgt Ion: 91 Resp: 52701

Ion Ratio Lower Upper

91 100

92 58.0 40.1 74.5



#48

2-Hexanone

Concen: 3.487 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029740.D

Acq: 28 Feb 2019 16:04

Tgt Ion: 43 Resp: 22308

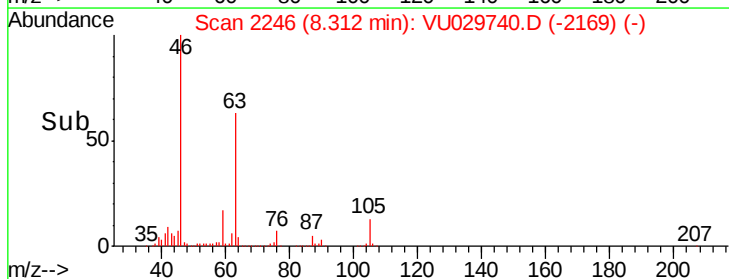
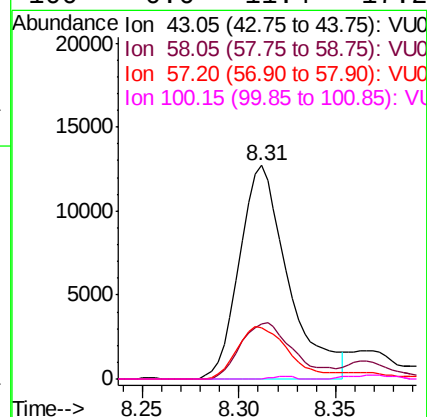
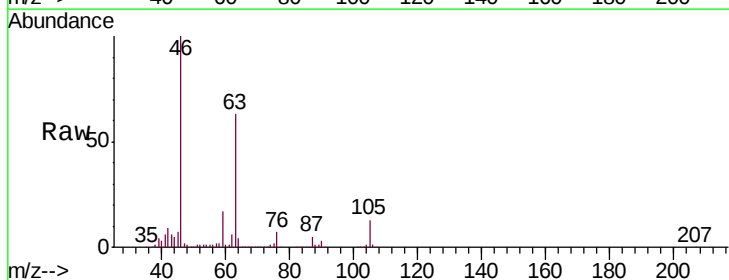
Ion Ratio Lower Upper

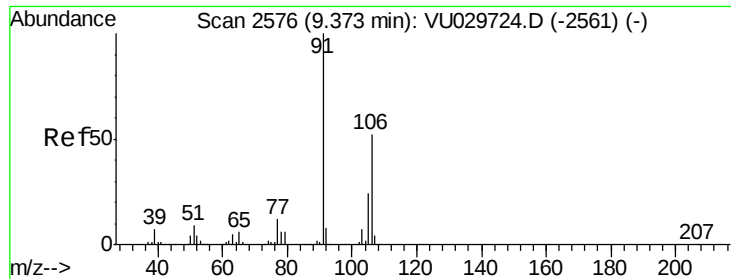
43 100

58 29.0 46.6 69.8#

57 25.8 15.9 23.9#

100 0.6 11.4 17.2#

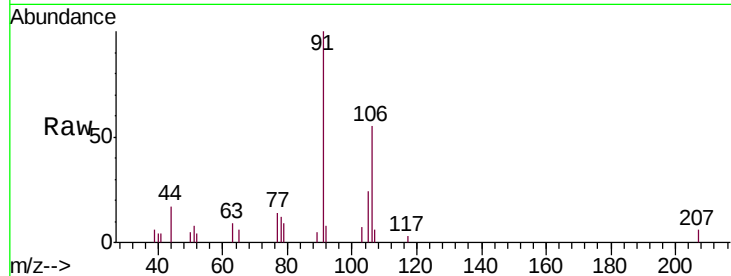




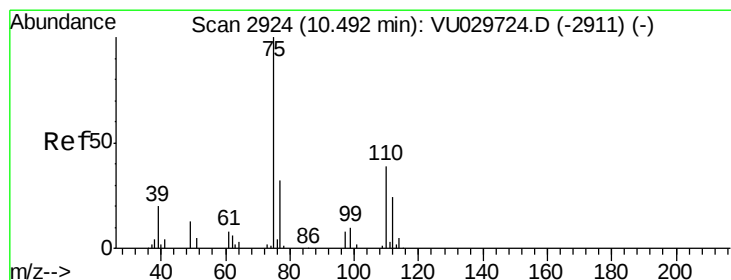
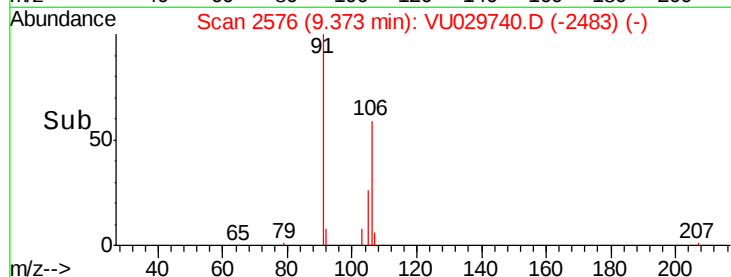
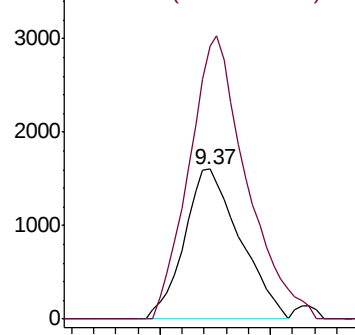
#53
m,p-xylene
Concen: 0.090 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029740.D
Acq: 28 Feb 2019 16:04

Instrument :
MSVOA_U
ClientSampleId :
CWJX6

Tgt Ion: 106 Resp: 2820
Ion Ratio Lower Upper
106 100
91 181.6 136.0 252.6

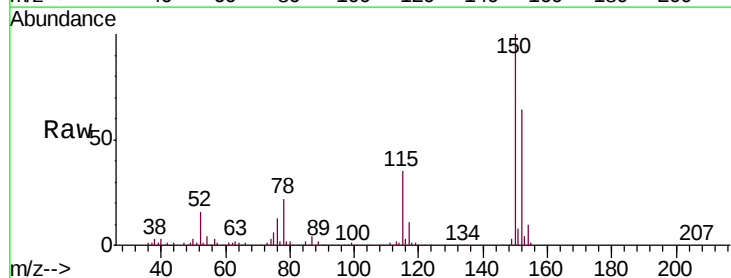


Abundance Ion 106.15 (105.85 to 106.85): VU029740.D (-2561) (-)
Ion 91.15 (90.85 to 91.85): VU029740.D (-2561) (-)



#59
1,2,3-Trichloropropane
Concen: 1.131 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029740.D
Acq: 28 Feb 2019 16:04

Tgt Ion: 75 Resp: 11754
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU029740.D (-2911) (-)
Ion 77.00 (76.70 to 77.70): VU029740.D (-2911) (-)

