

Data File : VU029746.D
Acq On : 28 Feb 2019 18:27
Operator : JC/SP
Sample : K1577-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJZ5

Quant Time: Mar 01 00:26:03 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	251158	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	243056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63660	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.68	69	65767	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.27	63	102362	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.19	46	220807	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	4.65	84	140693	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	77940	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	301564	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	94395	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	264794	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.85	79	34188	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	212856	58.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85008	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	118412	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

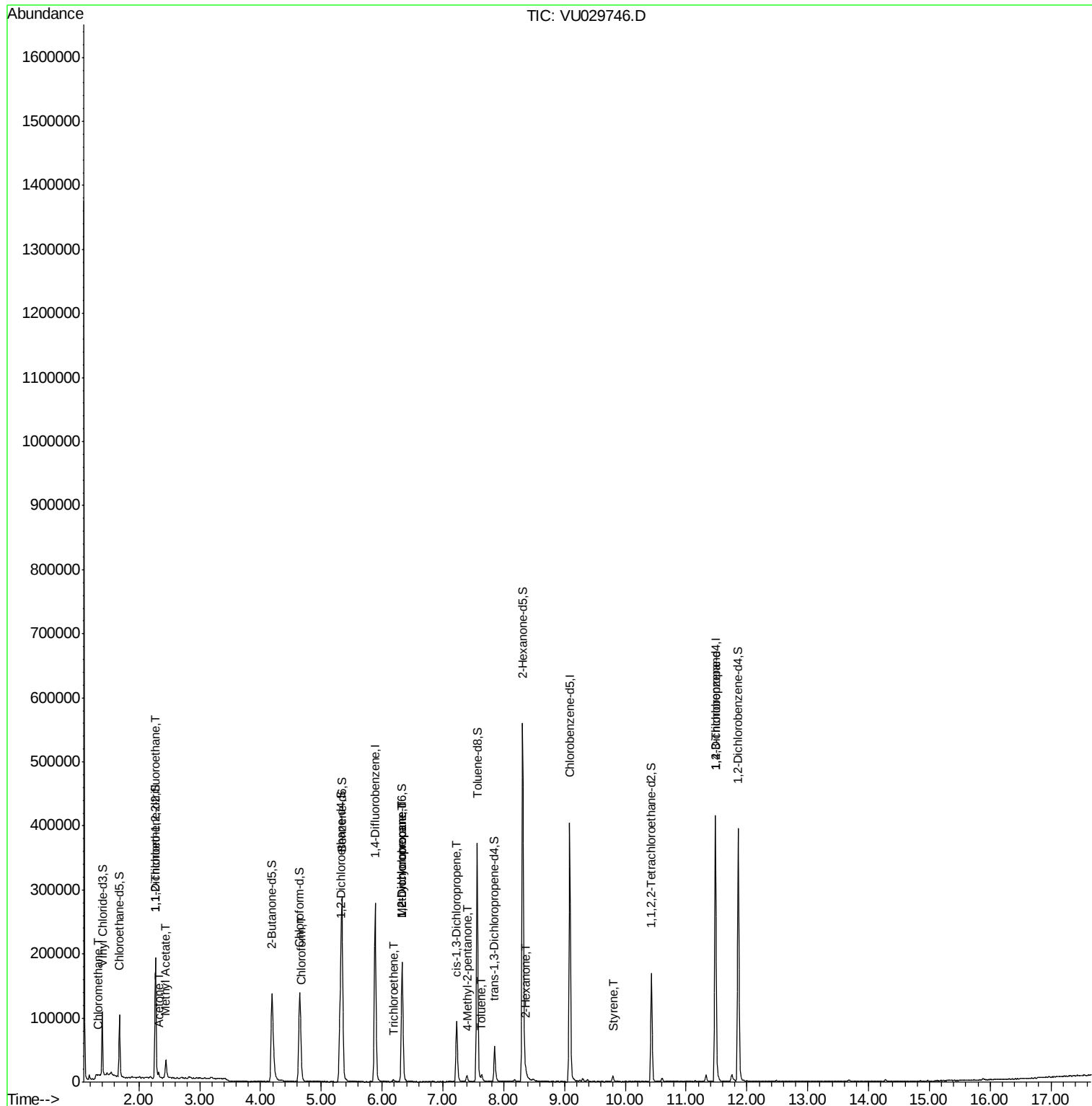
					Qvalue
3) Chloromethane	1.32	50	1335	0.079 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	882	0.045 ug/L #	17
13) Acetone	2.32	43	7511	2.819 ug/L	98
15) Methyl Acetate	2.44	43	6558	0.844 ug/L #	48
25) Chloroform	4.67	83	6851	0.217 ug/L	93
34) Trichloroethene	6.19	95	1033	0.058 ug/L	90
35) Methylcyclohexane	6.33	83	22924	0.788 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10024	0.619 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2104	0.089 ug/L #	48
40) 4-Methyl-2-pentanone	7.39	43	4150	0.456 ug/L #	41
42) Toluene	7.64	91	7991	0.110 ug/L	100
48) 2-Hexanone	8.36	43	3182	0.478 ug/L #	90
55) Styrene	9.80	104	4674	0.089 ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	12157	1.125 ug/L	92

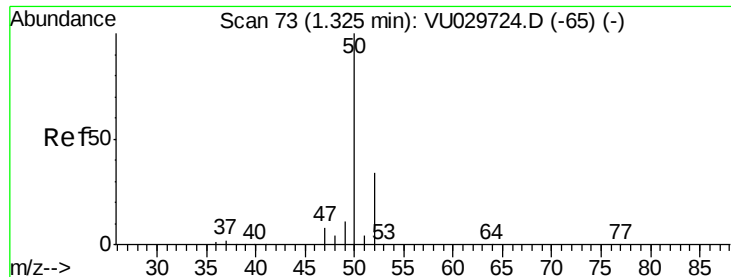
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

Instrument :

MSVOA_U

ClientSampled :

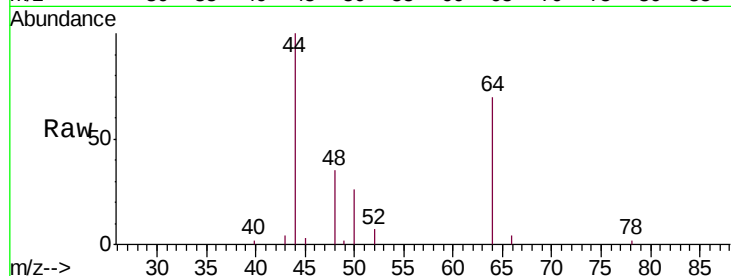
CWJZ5

Tgt Ion: 50 Resp: 1335

Ion Ratio Lower Upper

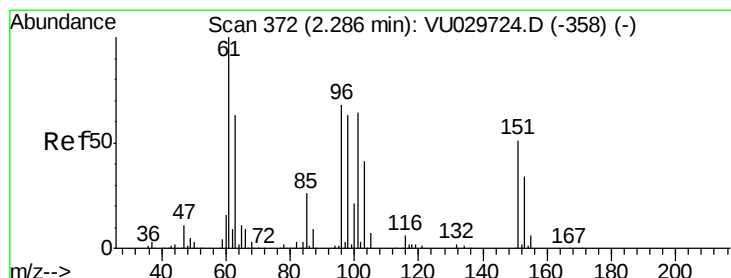
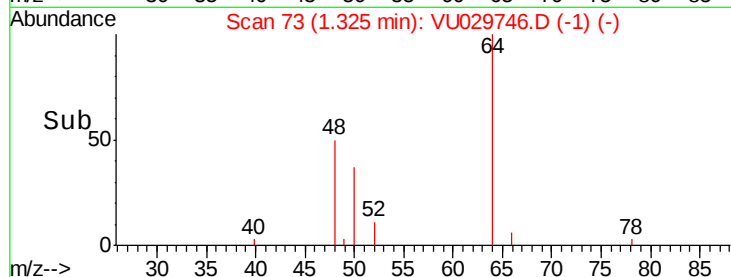
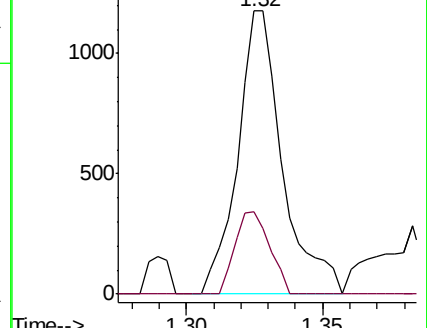
50 100

52 29.3 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU029746.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU029746.D (-65) (-)



#10

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

Concen: 0.045 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

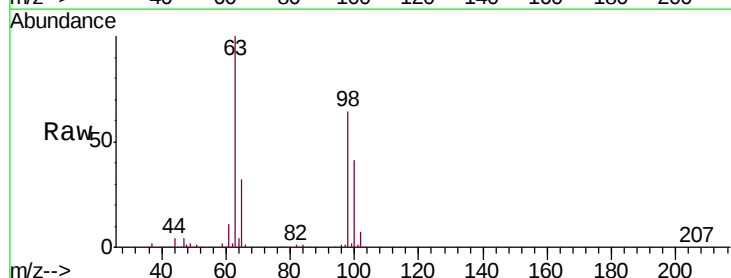
Tgt Ion: 101 Resp: 882

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

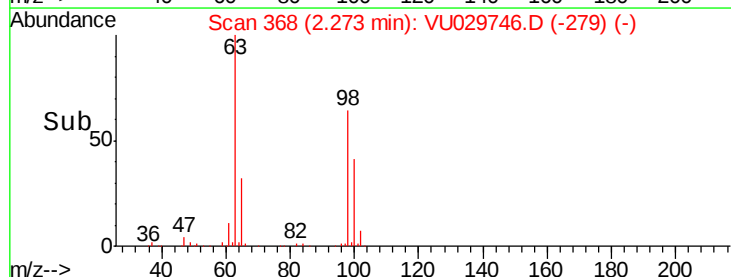
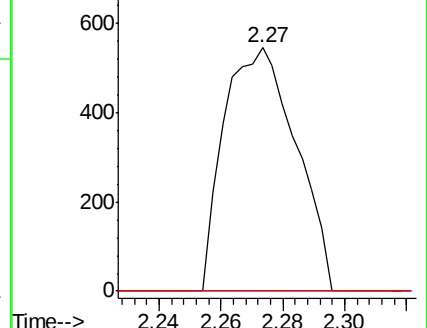
151 0.0 65.9 98.9#

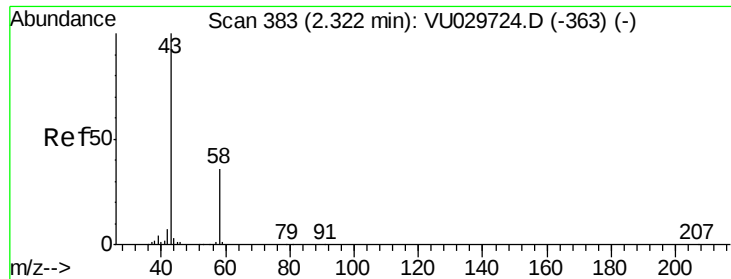


Abundance Ion 101.00 (100.70 to 101.70): VU029746.D (-279) (-)

Ion 85.00 (84.70 to 85.70): VU029746.D (-279) (-)

Ion 151.00 (150.70 to 151.70): VU029746.D (-279) (-)





#13

Acetone

Concen: 2.819 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

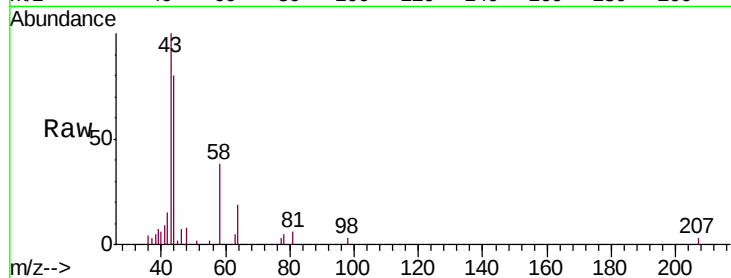
CWJZ5

Tgt Ion: 43 Resp: 7511

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

5000

4000

3000

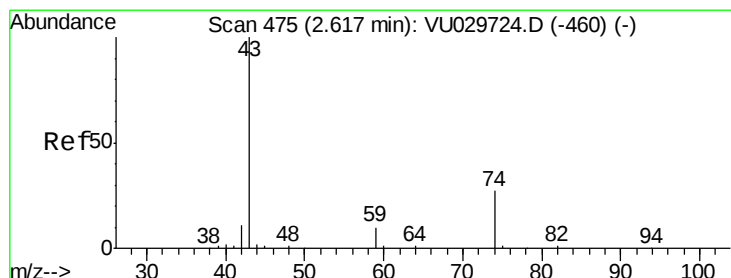
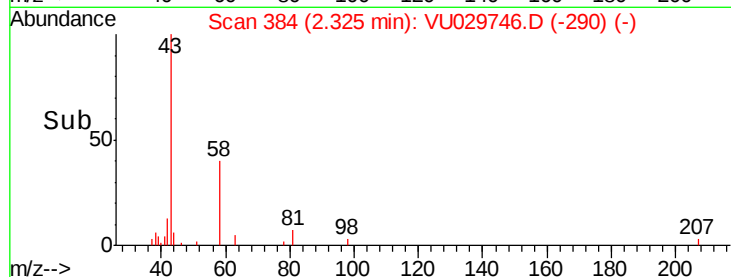
2000

1000

0

Time-->

2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.844 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU029746.D

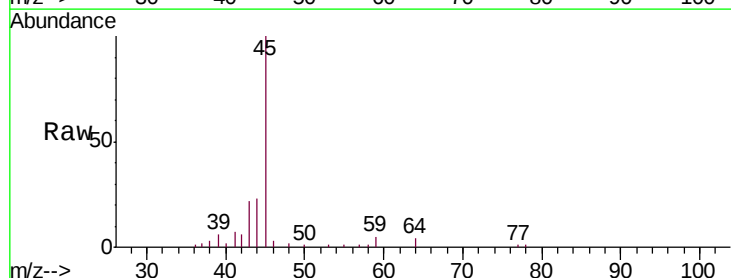
Acq: 28 Feb 2019 18:27

Tgt Ion: 43 Resp: 6558

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

2.44

4000

3000

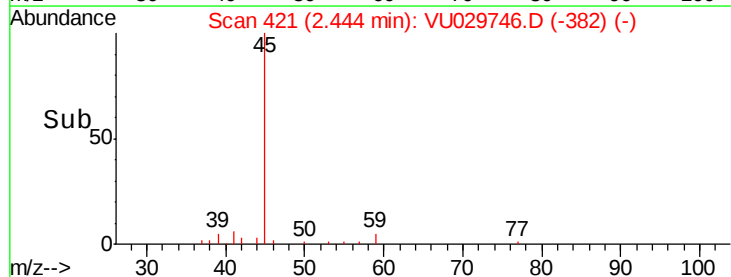
2000

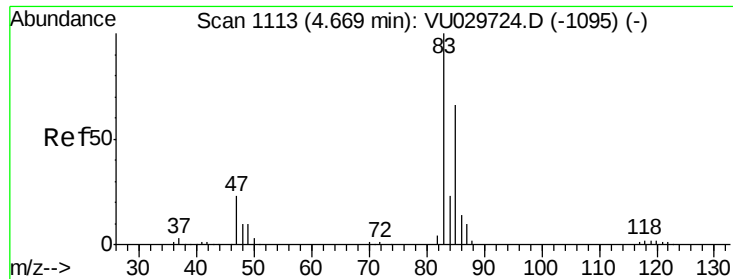
1000

0

Time-->

2.40 2.45 2.50

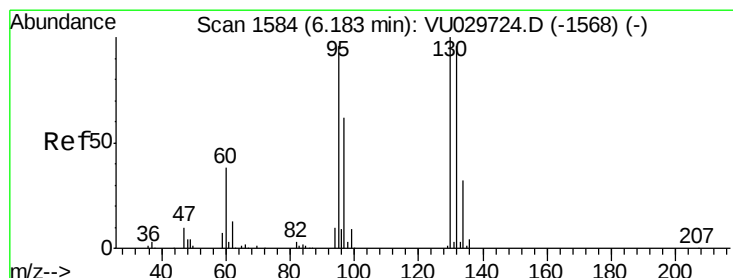
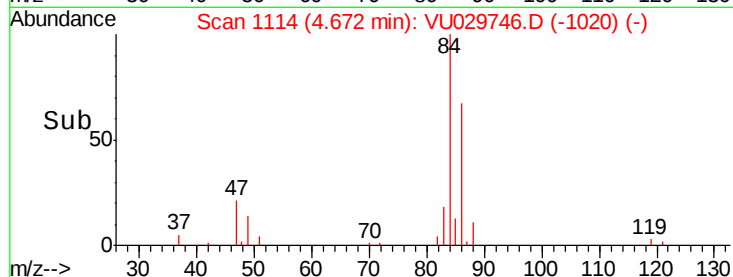
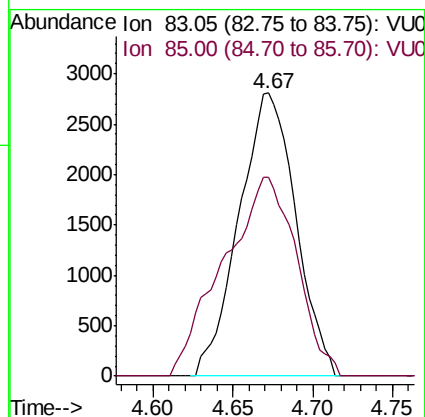
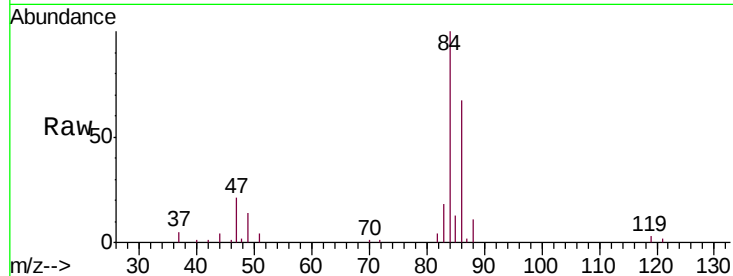




#25
Chloroform
Concen: 0.217 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029746.D
Acq: 28 Feb 2019 18:27

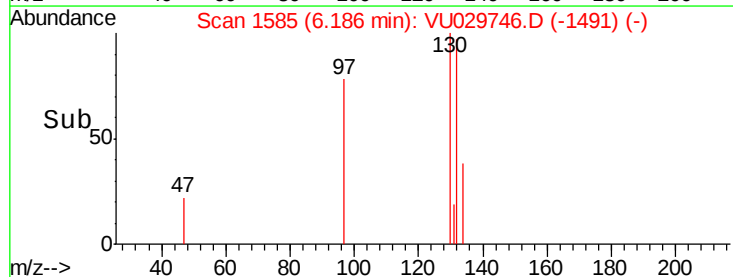
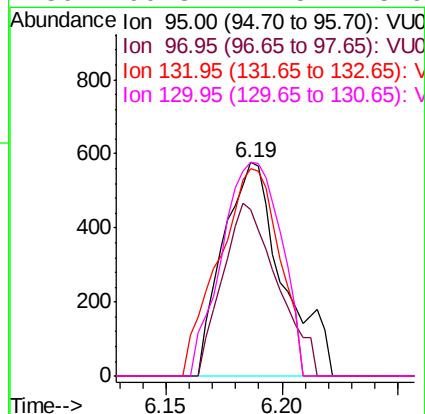
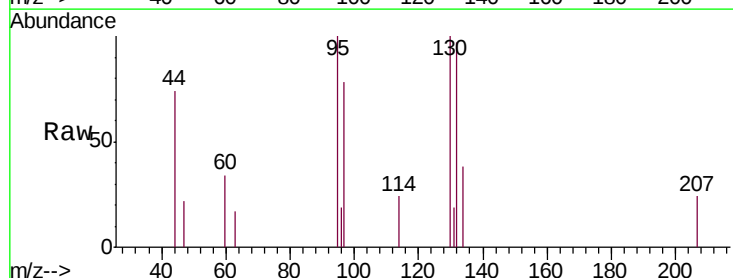
Instrument :
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ClientSampleId :
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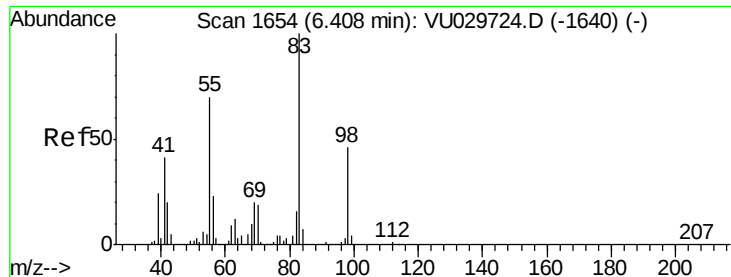
Tgt Ion: 83 Resp: 6851
Ion Ratio Lower Upper
83 100
85 70.3 45.6 84.6



#34
Trichloroethene
Concen: 0.058 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU029746.D
Acq: 28 Feb 2019 18:27

Tgt Ion: 95 Resp: 1033
Ion Ratio Lower Upper
95 100
97 78.0 45.6 84.8
132 97.2 72.9 135.3
130 99.8 77.5 143.9

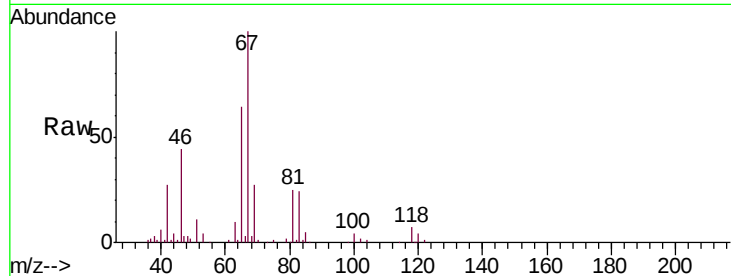




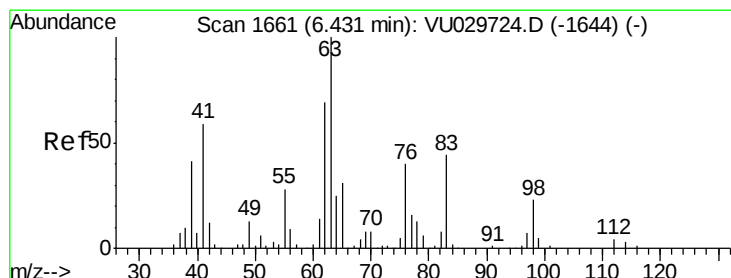
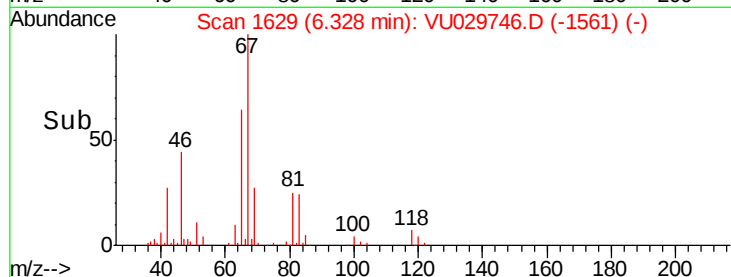
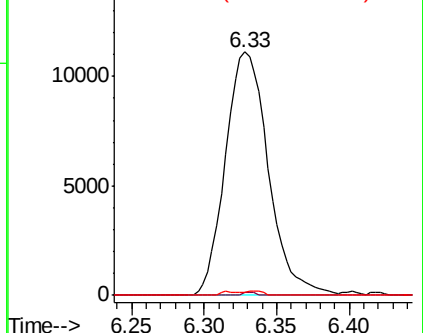
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029746.D
Acq: 28 Feb 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :
CWJZ5

Tgt Ion: 83 Resp: 22924
Ion Ratio Lower Upper
83 100
55 0.3 56.5 84.7#
98 0.7 39.4 59.2#

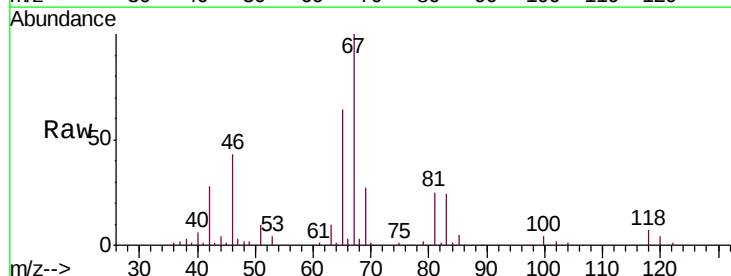


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

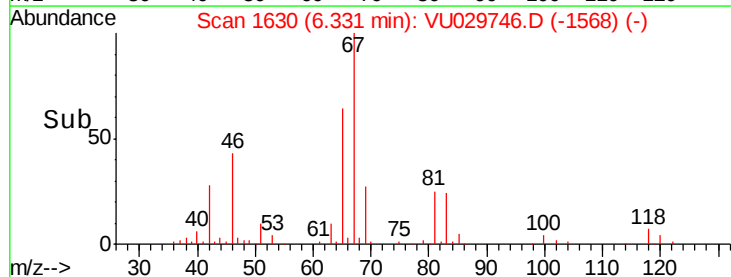
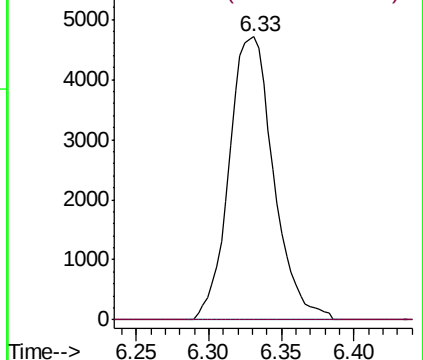


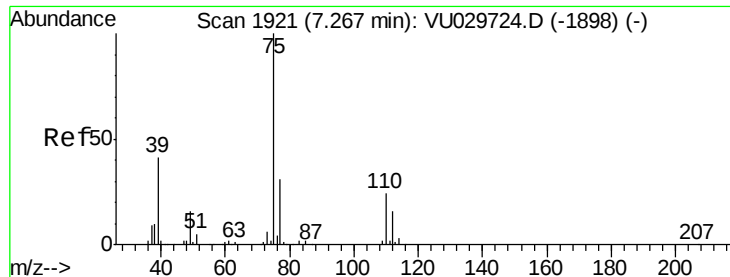
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029746.D
Acq: 28 Feb 2019 18:27

Tgt Ion: 63 Resp: 10024
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

Instrument :

MSVOA_U

ClientSampled :

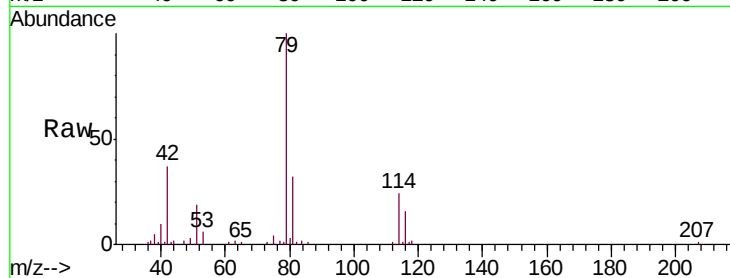
CWJZ5

Tgt Ion: 75 Resp: 2104

Ion Ratio Lower Upper

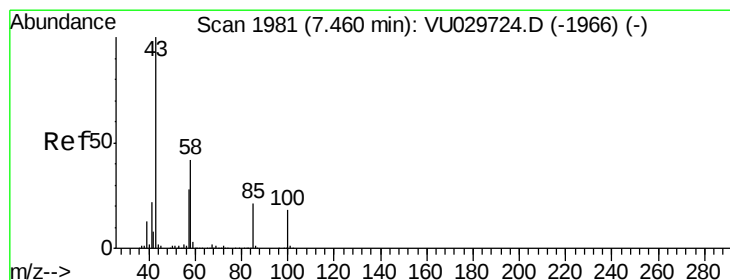
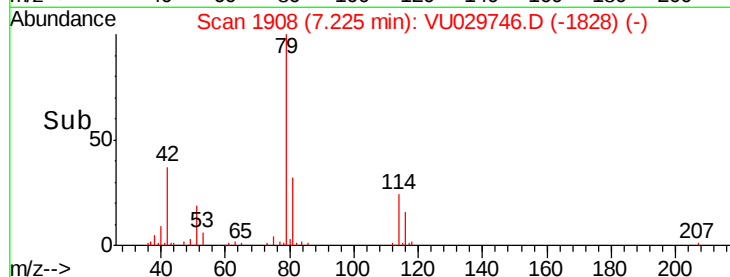
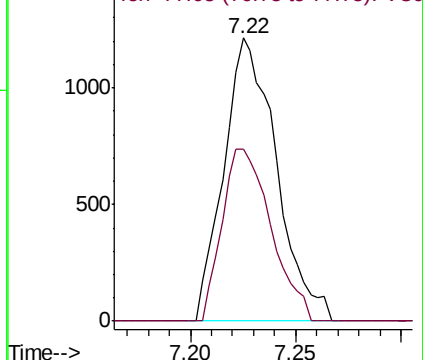
75 100

77 61.0 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#40

4-Methyl-2-pentanone

Concen: 0.456 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. -0.07 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

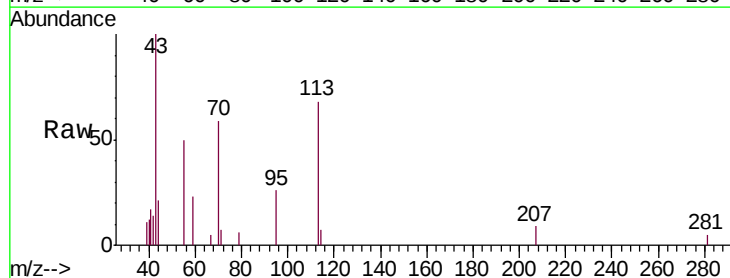
Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

58 0.0 33.8 50.8#

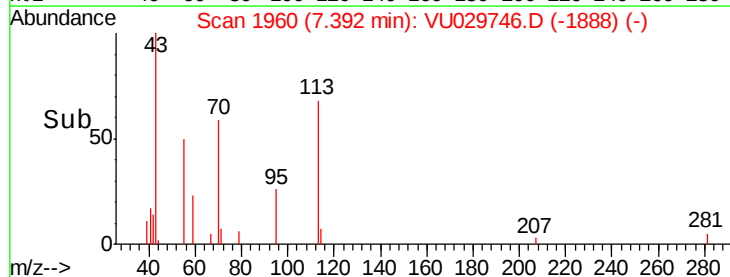
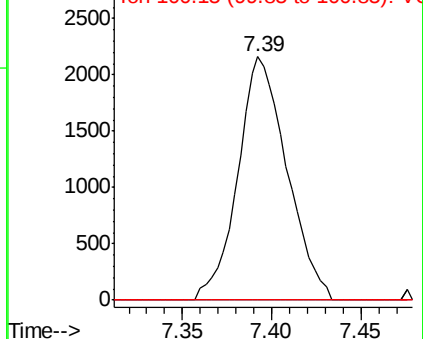
100 0.0 14.2 21.2#

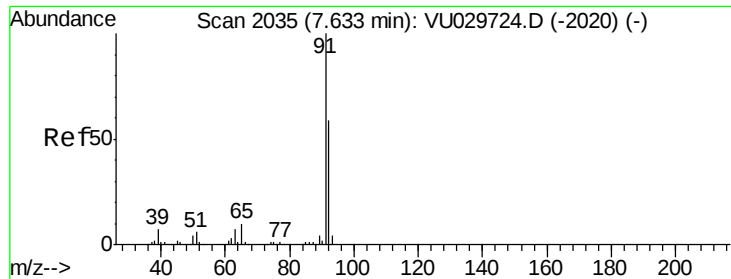


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 0.110 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029746.D

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ClientSampleId :

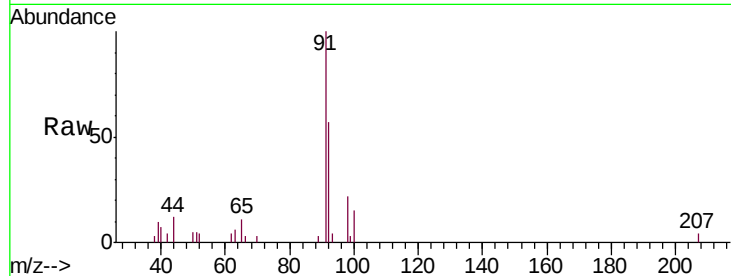
CWJZ5

Tgt Ion: 91 Resp: 7991

Ion Ratio Lower Upper

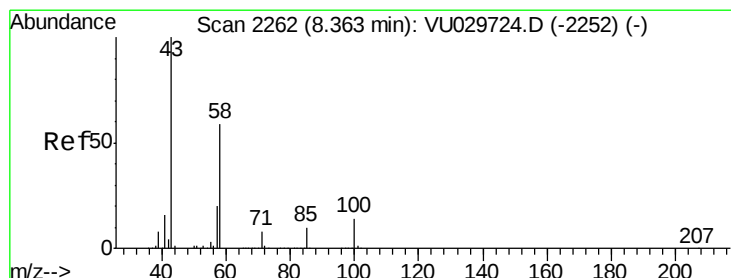
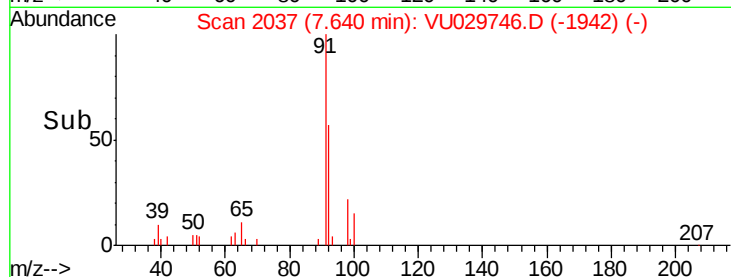
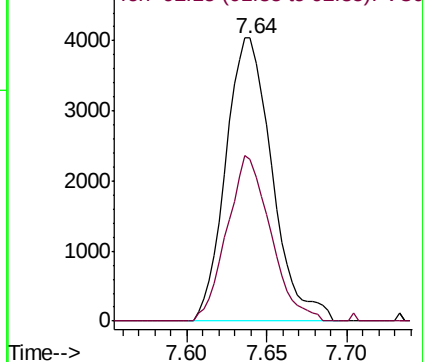
91 100

92 57.3 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: 0.478 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU029746.D

Acq: 28 Feb 2019 18:27

Tgt Ion: 43 Resp: 3182

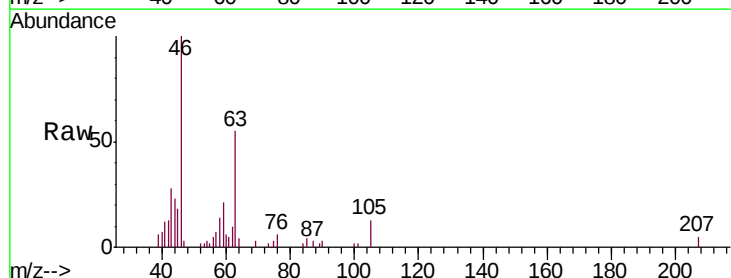
Ion Ratio Lower Upper

43 100

58 51.0 46.6 69.8

57 23.9 15.9 23.9#

100 7.7 11.4 17.2#

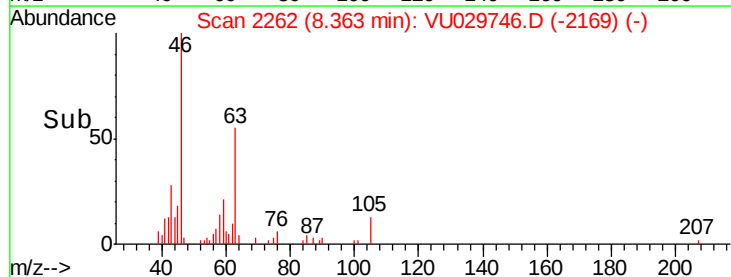
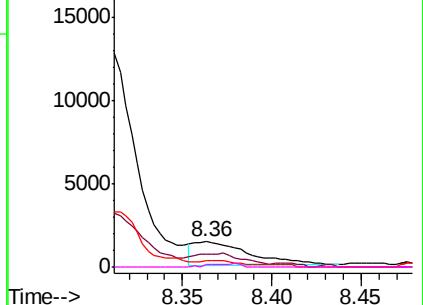


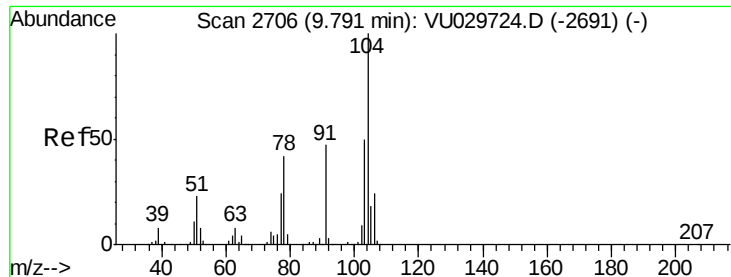
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#55

Styrene

Concen: 0.089 ug/L

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU029746.D

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MSVOA_U

ClientSampleId :

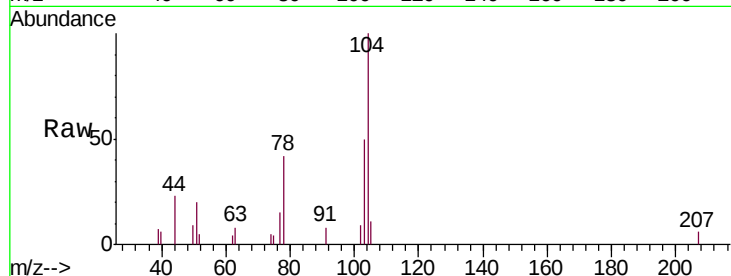
CWJZ5

Tgt Ion:104 Resp: 4674

Ion Ratio Lower Upper

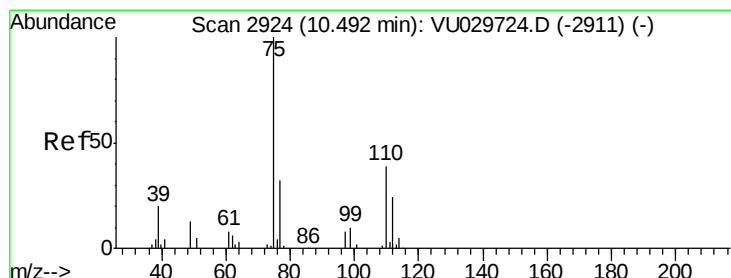
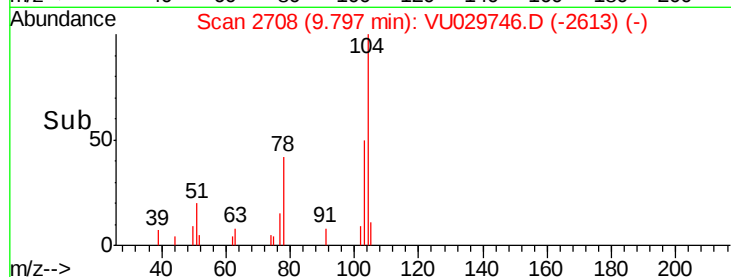
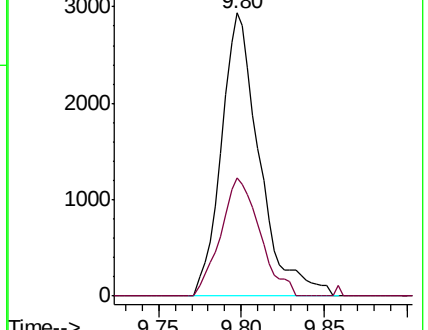
104 100

78 41.8 29.2 54.2



Abundance Ion 104.10 (103.80 to 104.80): VU029724.D (-2691) (-)

Ion 78.10 (77.80 to 78.80): VU029724.D (-2691) (-)



#59

1,2,3-Trichloropropane

Concen: 1.125 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029746.D

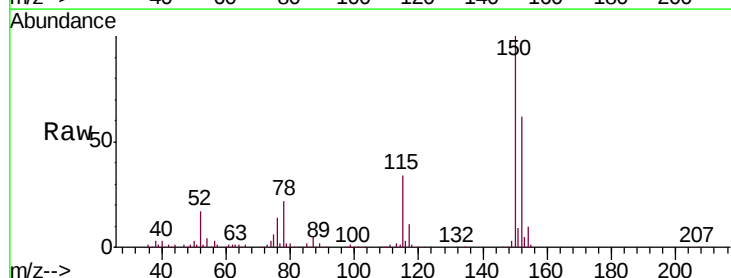
Acq: 28 Feb 2019 18:27

Tgt Ion: 75 Resp: 12157

Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU029724.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU029724.D (-2911) (-)

