

Data File : VU032488.D
Acq On : 06 Jun 2019 11:49
Operator : JC/SP
Sample : K3213-06MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H8MS

Quant Time: Jun 07 04:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	203031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101828	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48535	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.67	69	44234	38.71	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.42%
11) 1,1-Dichloroethene-d2	2.27	63	116995	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
21) 2-Butanone-d5	4.17	46	114305	96.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.05%
24) Chloroform-d	4.64	84	115098	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.30	65	77148	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.33	84	243079	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.32	67	78833	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.56	98	233316	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.85	79	39129	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.31	63	76872	95.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.89%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	114734	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	98979	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

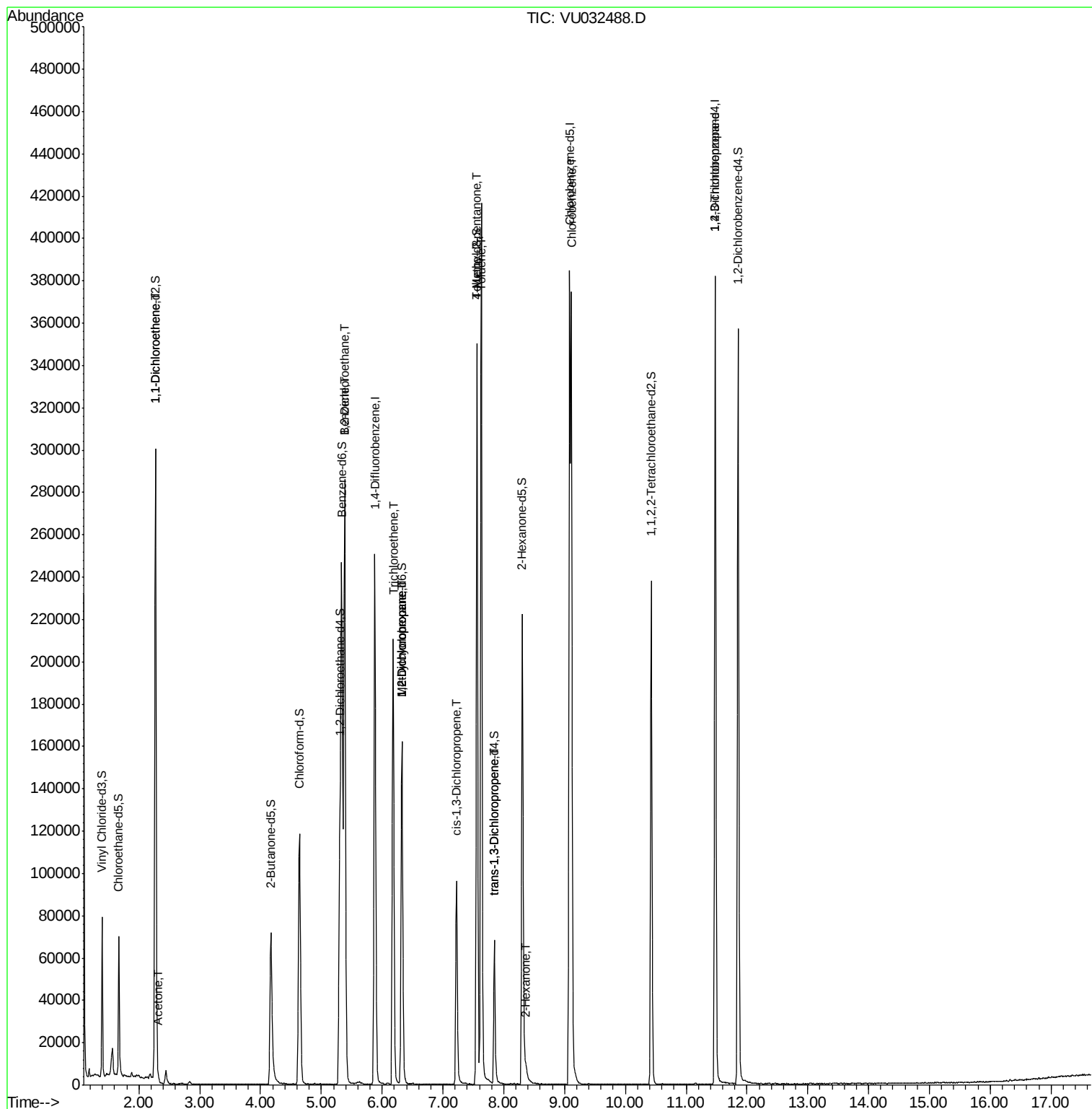
						Qvalue
12) 1,1-Dichloroethene	2.28	96	61076	46.961	ug/L	93
13) Acetone	2.32	43	1710	1.393	ug/L	78
27) 1,2-Dichloroethane	5.38	62	2465	1.176	ug/L #	75
33) Benzene	5.38	78	277210	48.595	ug/L	100
34) Trichloroethene	6.18	95	71643	46.162	ug/L	100
35) Methylcyclohexane	6.32	83	17970	7.152	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	8638	5.712	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2523	1.057	ug/L #	56
40) 4-Methyl-2-pentanone	7.56	43	1164	0.478	ug/L #	1
42) Toluene	7.63	91	304085	48.674	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	1722	0.813	ug/L	95
48) 2-Hexanone	8.37	43	3462	1.733	ug/L #	96
51) Chlorobenzene	9.11	112	198677	49.361	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	11814	6.010	ug/L	91

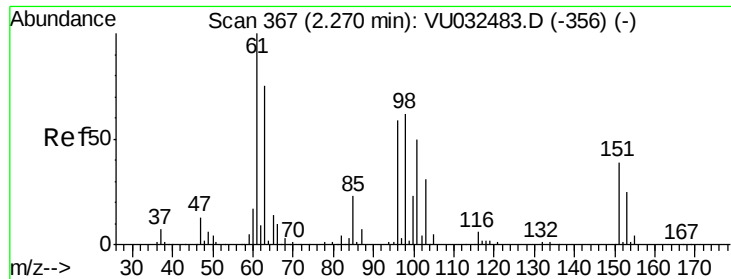
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032488.D
Acq On : 06 Jun 2019 11:49
Operator : JC/SP
Sample : K3213-06MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H8MS

Quant Time: Jun 07 04:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

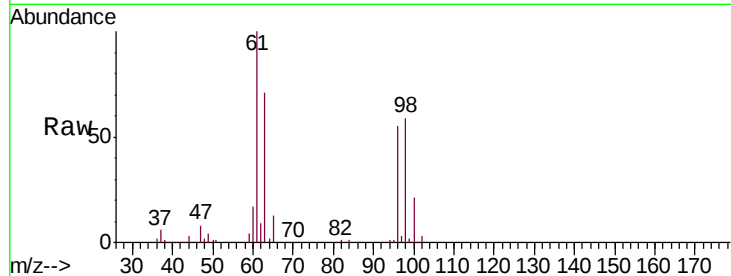




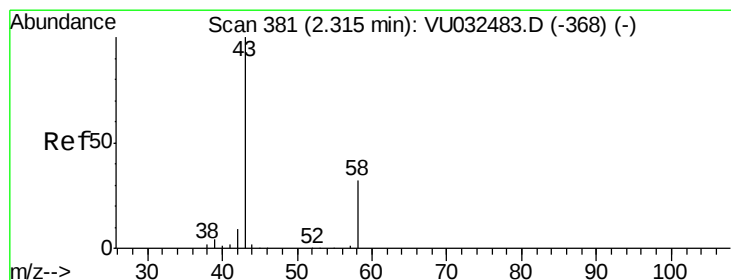
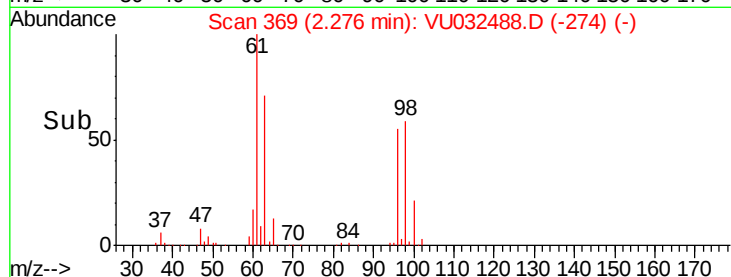
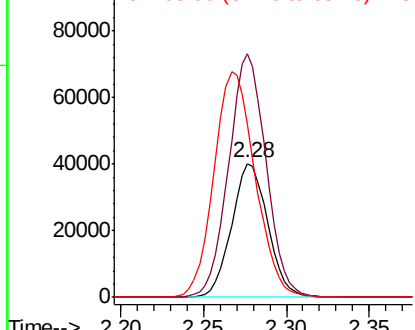
#12
 1,1-Dichloroethene
 Concen: 46.961 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VU032488.D
 Acq: 06 Jun 2019 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MS

Tgt Ion: 96 Resp: 61076
 Ion Ratio Lower Upper
 96 100
 61 181.9 129.5 240.5
 63 129.9 103.4 192.0

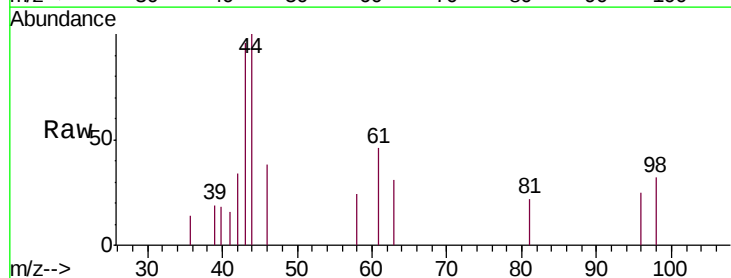


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

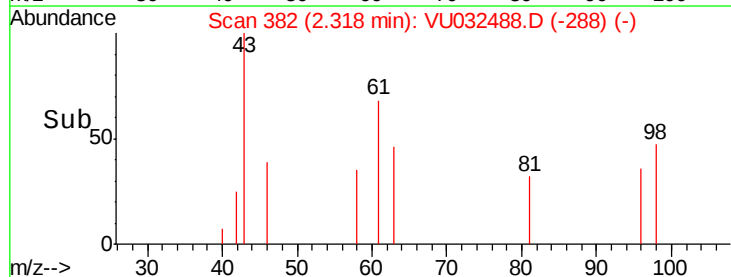
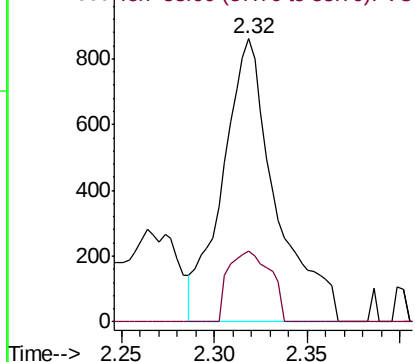


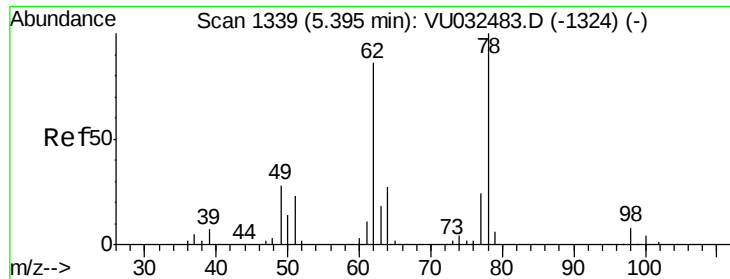
#13
 Acetone
 Concen: 1.393 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032488.D
 Acq: 06 Jun 2019 11:49

Tgt Ion: 43 Resp: 1710
 Ion Ratio Lower Upper
 43 100
 58 19.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 1.176 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

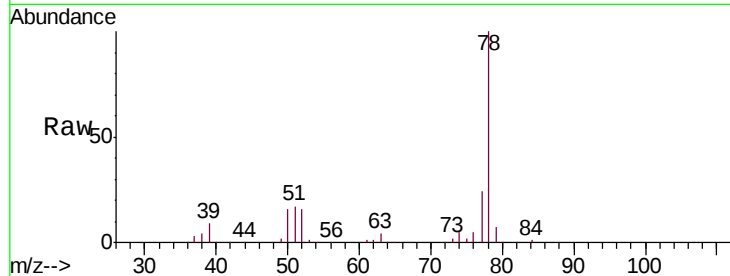
DB8H8MS

Tgt Ion: 62 Resp: 2465

Ion Ratio Lower Upper

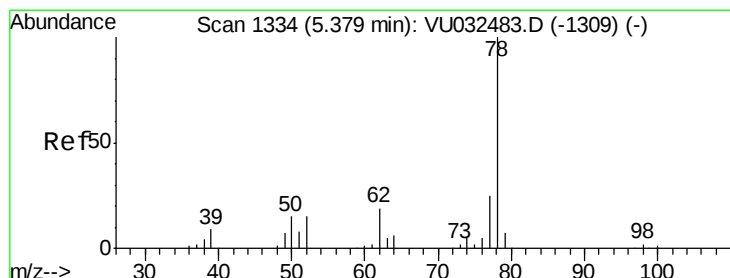
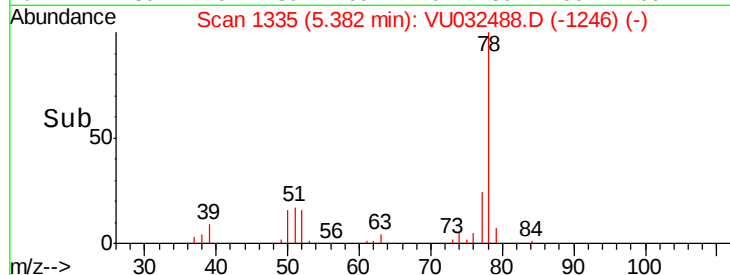
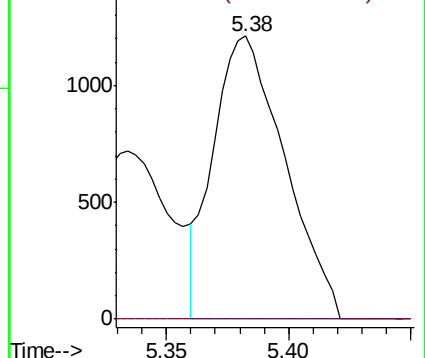
62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 48.595 ug/L

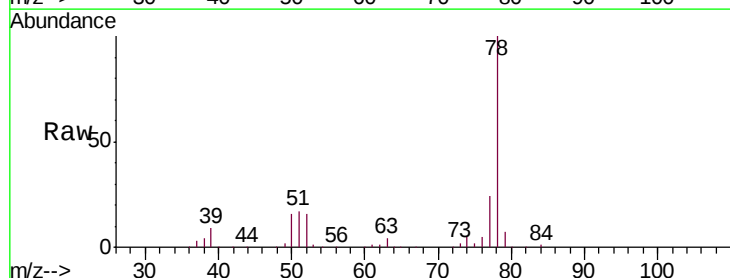
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

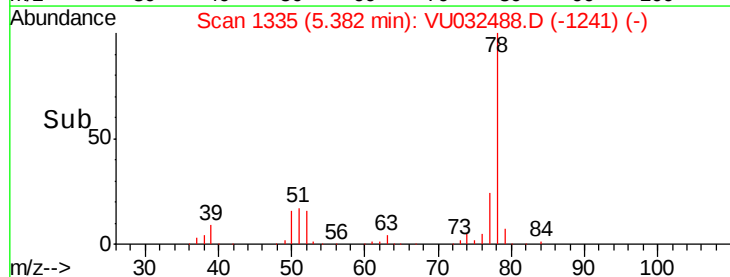
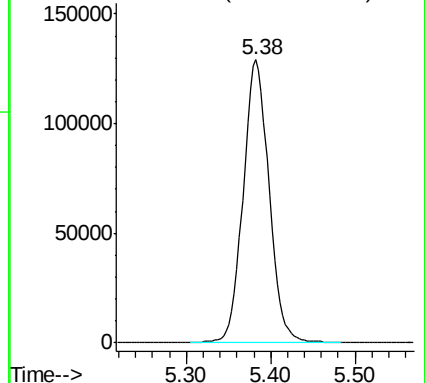
Lab File: VU032488.D

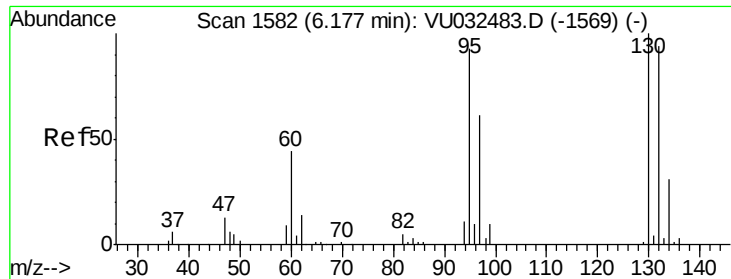
Acq: 06 Jun 2019 11:49

Tgt Ion: 78 Resp: 277210



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 46.162 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB8H8MS

Tgt Ion: 95 Resp: 71643

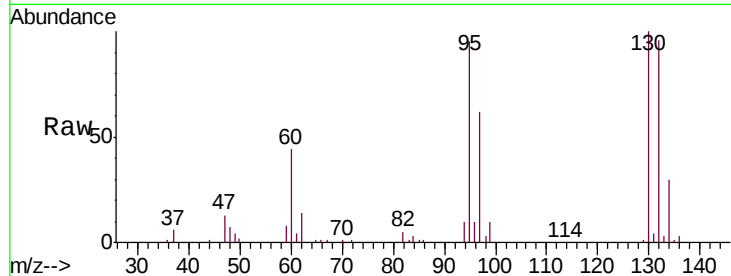
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.2

132 100.2 71.0 131.8

130 104.8 73.4 136.2

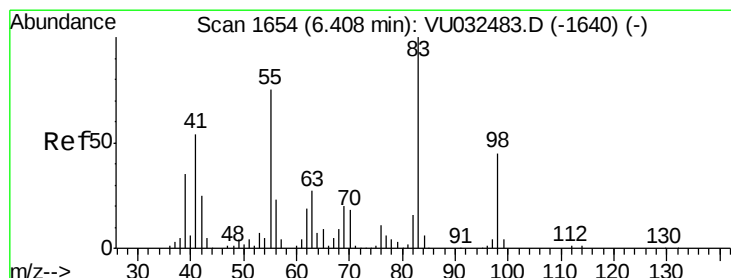
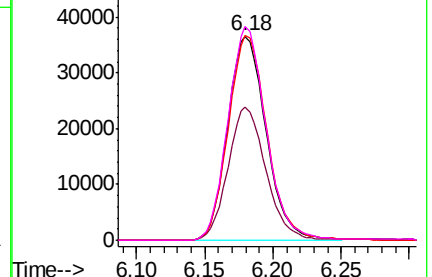
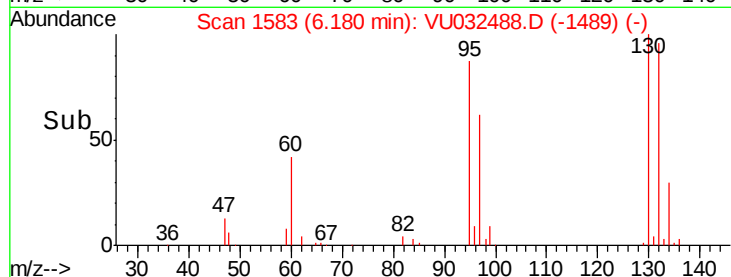


Abundance Ion 95.00 (94.70 to 95.70): VU032488.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032488.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032488.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032488.D (-1569) (-)



#35

Methylcyclohexane

Concen: 7.152 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

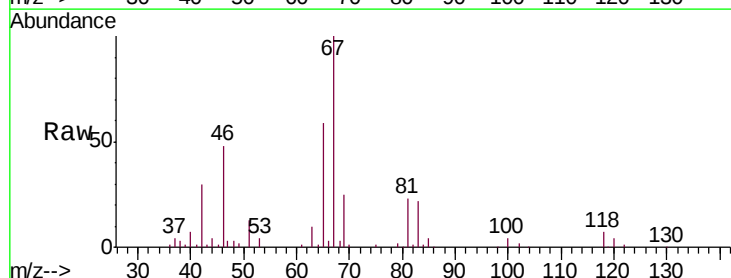
Tgt Ion: 83 Resp: 17970

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

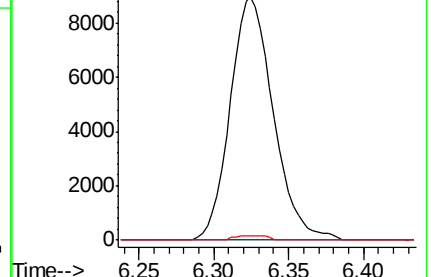
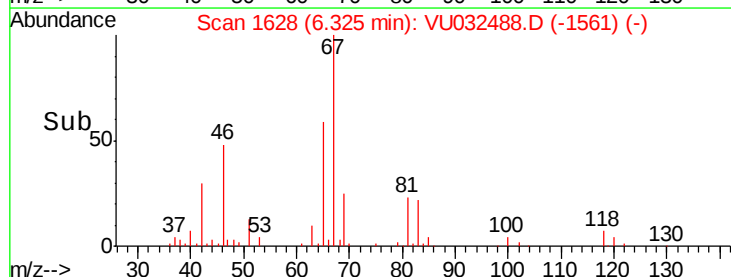
98 1.4 37.4 56.2#

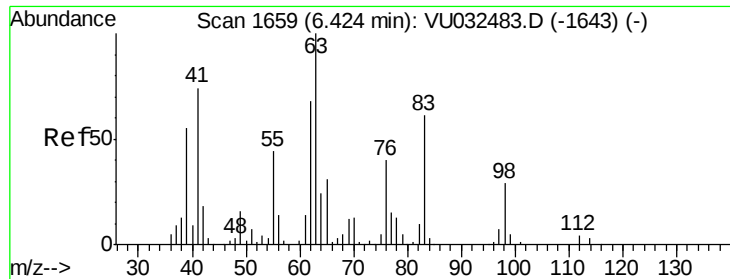


Abundance Ion 83.00 (82.70 to 83.70): VU032488.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU032488.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU032488.D (-1561) (-)

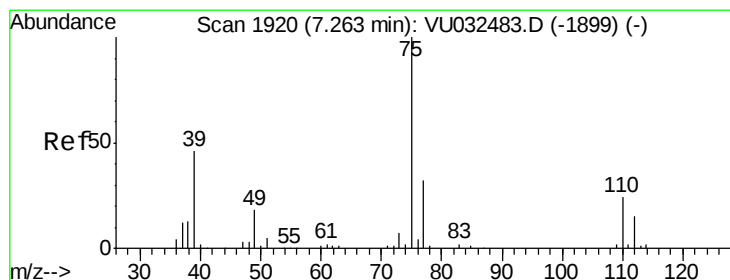
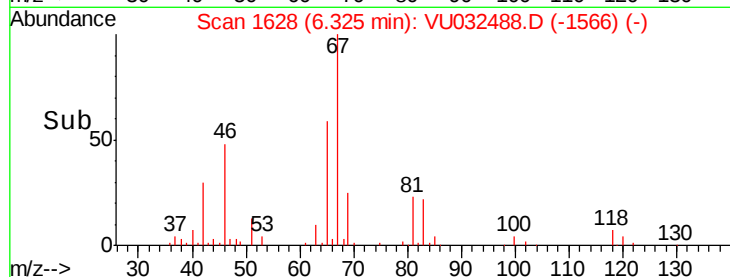
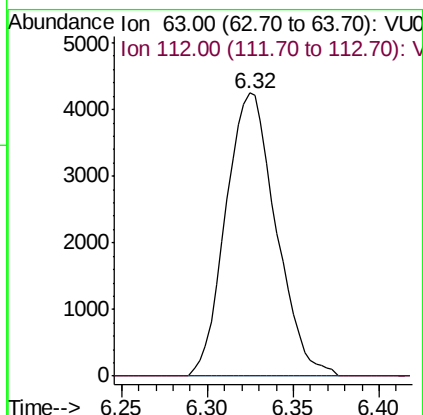
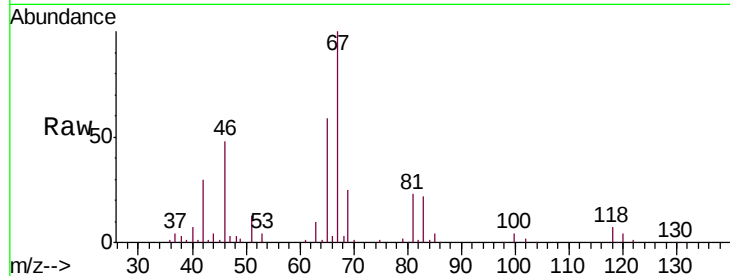




#37
 1,2-Dichloropropane
 Concen: 5.712 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032488.D
 Acq: 06 Jun 2019 11:49

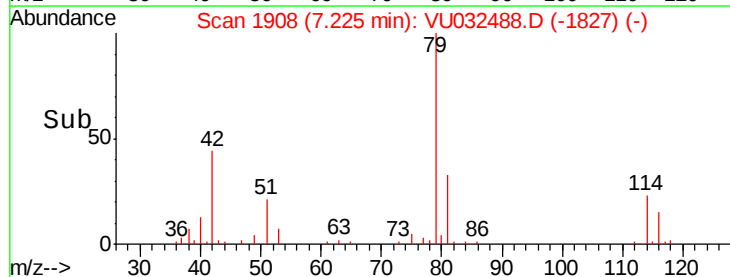
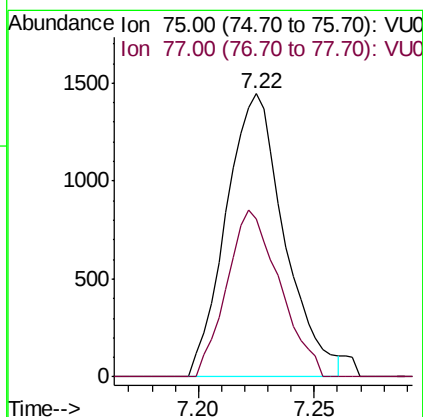
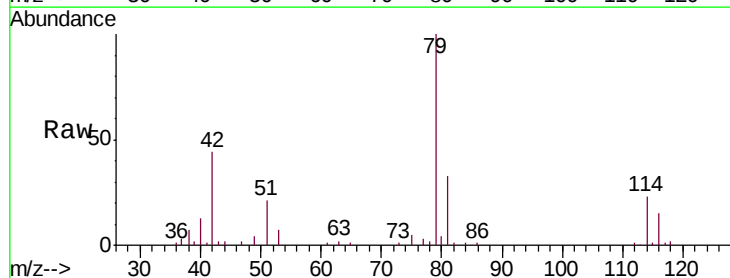
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MS

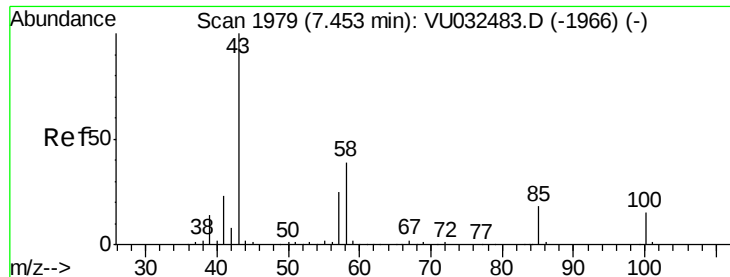
Tgt Ion: 63 Resp: 8638
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032488.D
 Acq: 06 Jun 2019 11:49

Tgt Ion: 75 Resp: 2523
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.0 41.0#

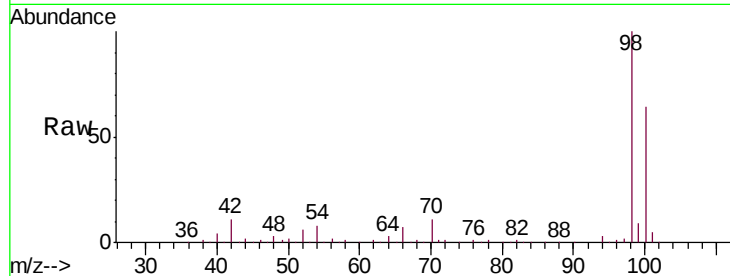




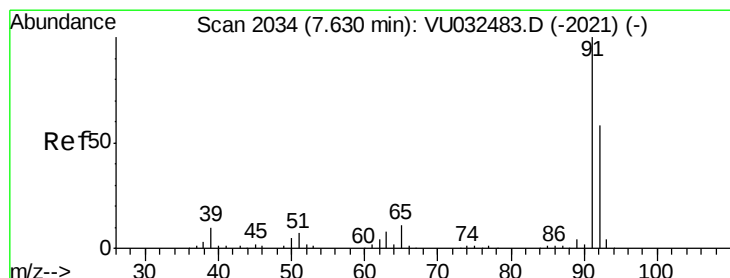
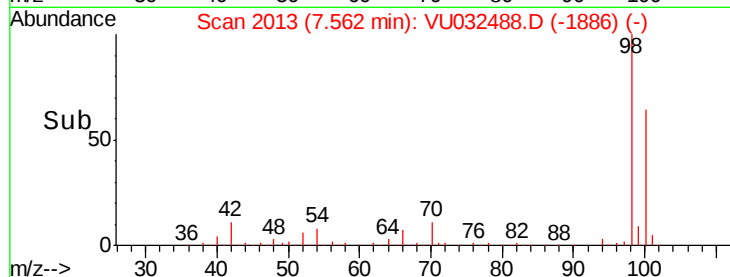
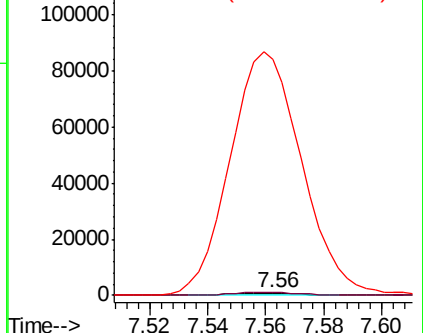
#40
4-Methyl-2-pentanone
Concen: 0.478 ug/L
RT: 7.56 min Scan# 2013
Delta R.T. 0.11 min
Lab File: VU032488.D
Acq: 06 Jun 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
DB8H8MS

Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 158.0 30.8 46.2#
100 12894.2 12.1 18.1#

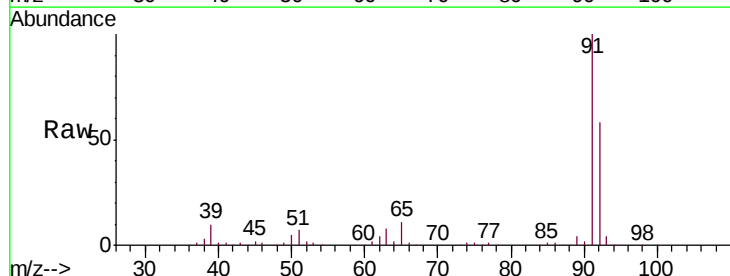


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

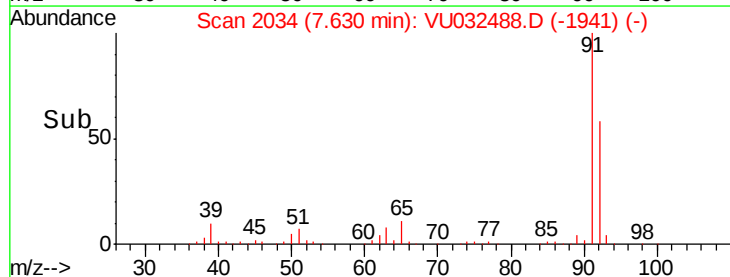
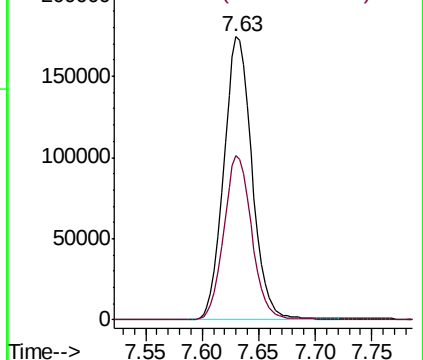


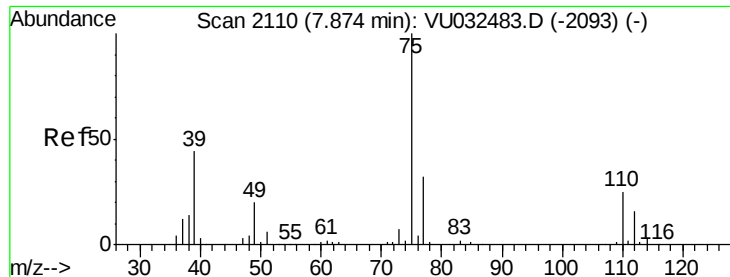
#42
Toluene
Concen: 48.674 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032488.D
Acq: 06 Jun 2019 11:49

Tgt Ion: 91 Resp: 304085
Ion Ratio Lower Upper
91 100
92 58.0 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0

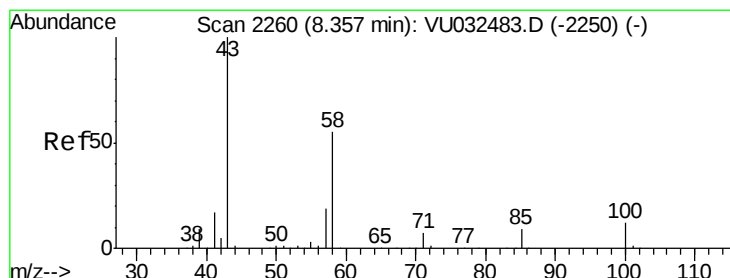
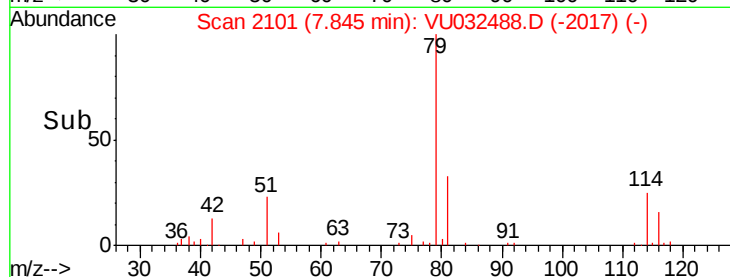
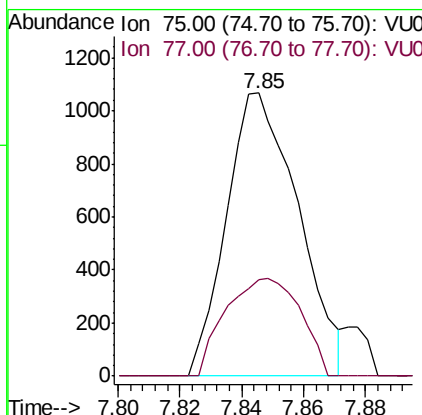
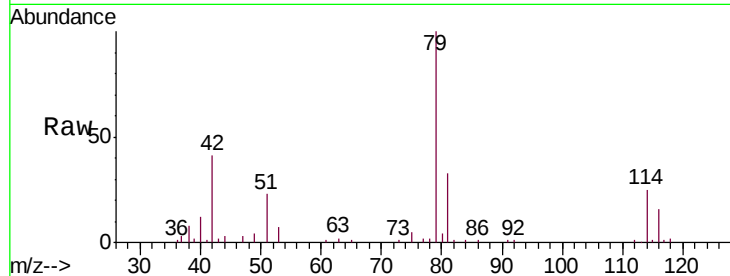




#44
trans-1,3-Dichloropropene
Concen: 0.813 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032488.D
Acq: 06 Jun 2019 11:49

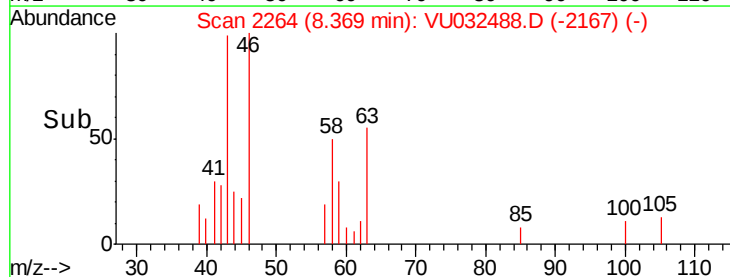
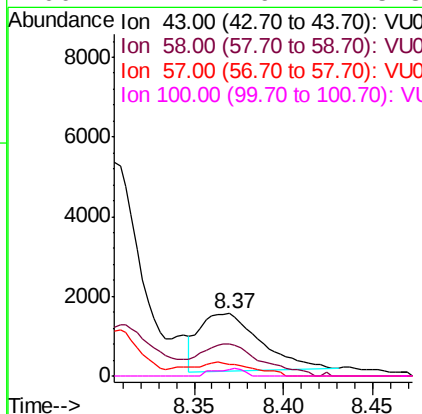
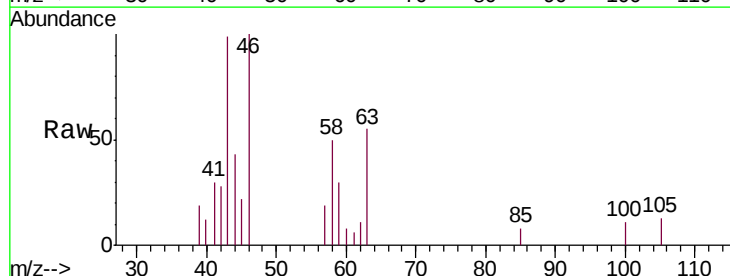
Instrument :
MSVOA_U
ClientSampleId :
DB8H8MS

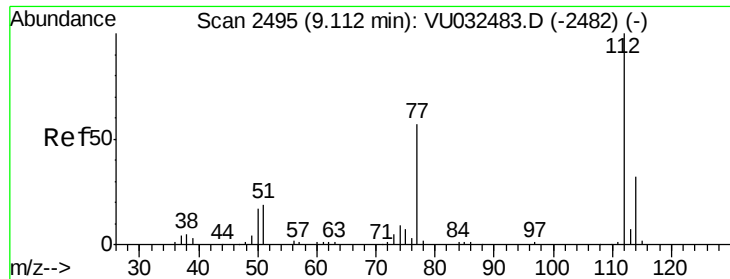
Tgt Ion: 75 Resp: 1722
Ion Ratio Lower Upper
75 100
77 34.2 22.1 41.1



#48
2-Hexanone
Concen: 1.733 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032488.D
Acq: 06 Jun 2019 11:49

Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
58 53.9 42.0 63.0
57 19.2 14.6 22.0
100 4.2 9.2 13.8#





#51

Chlorobenzene

Concen: 49.361 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB8H8MS

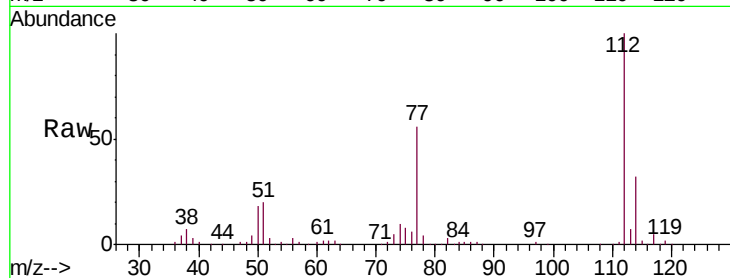
Tgt Ion: 112 Resp: 198677

Ion Ratio Lower Upper

112 100

114 32.1 22.6 42.0

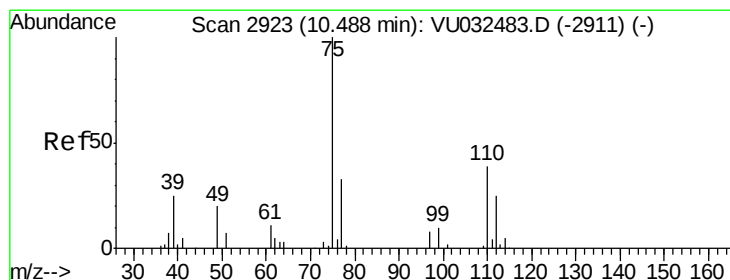
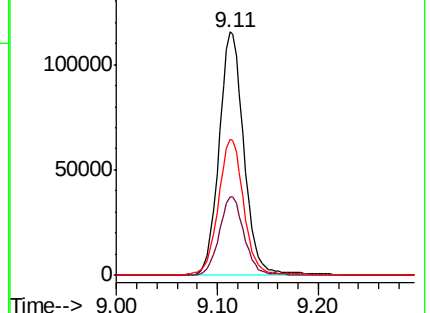
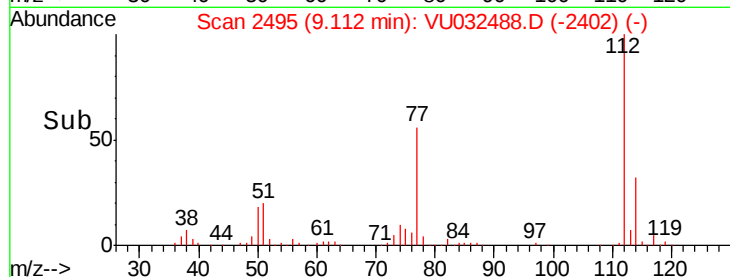
77 55.7 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 6.010 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032488.D

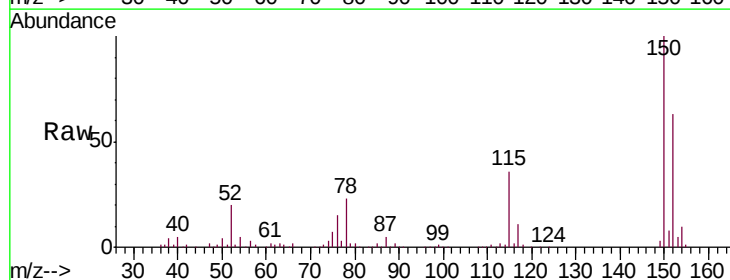
Acq: 06 Jun 2019 11:49

Tgt Ion: 75 Resp: 11814

Ion Ratio Lower Upper

75 100

77 37.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

