

Data File : VU032452.D
Acq On : 05 Jun 2019 10:27
Operator : JC/SP
Sample : K3081-16DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE4DL

Quant Time: Jun 06 01:08:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 01:05:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	103612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32763	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	30248	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.27	63	49399	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.20	46	95393	50.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.64	84	59703	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.31	65	32679	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.33	84	125153	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.33	67	37902	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.56	98	117766	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.85	79	15116	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.31	63	75630	47.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30920	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	46968	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

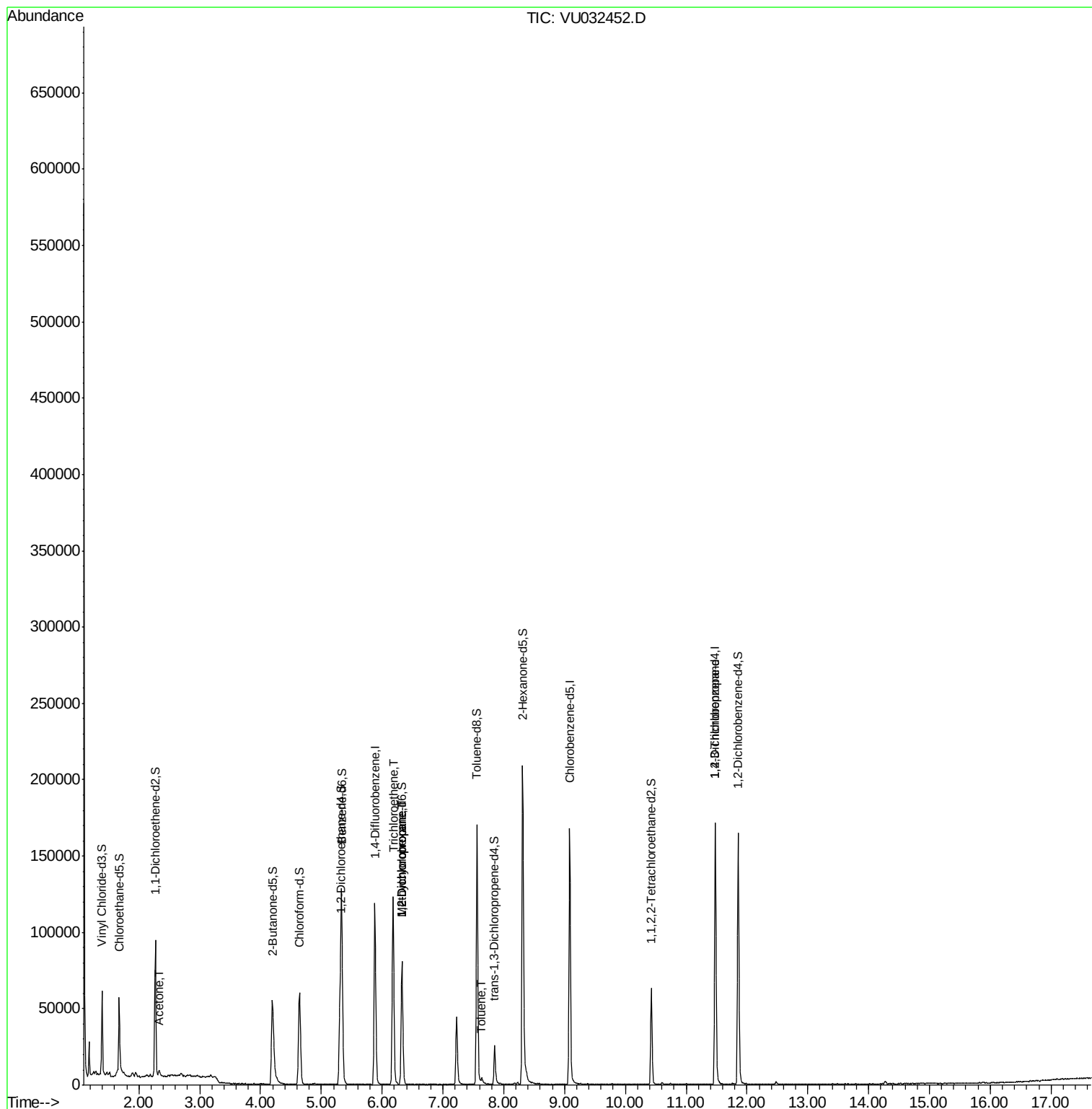
					Qvalue
13) Acetone	2.33	43	3890	2.666	ug/L 100
34) Trichloroethene	6.18	95	41799	5.111	ug/L 97
35) Methylcyclohexane	6.32	83	8750	0.665	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	4211	0.572	ug/L # 89
42) Toluene	7.64	91	2921	0.092	ug/L 94
59) 1,2,3-Trichloropropane	11.48	75	5591	1.157	ug/L 92

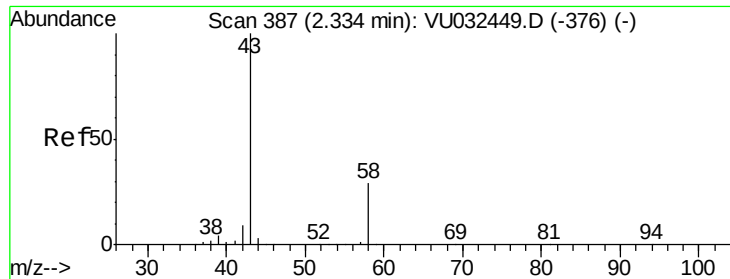
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.666 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.00 min

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Acq: 05 Jun 2019 10:27

Instrument :

MSVOA_U

ClientSampleId :

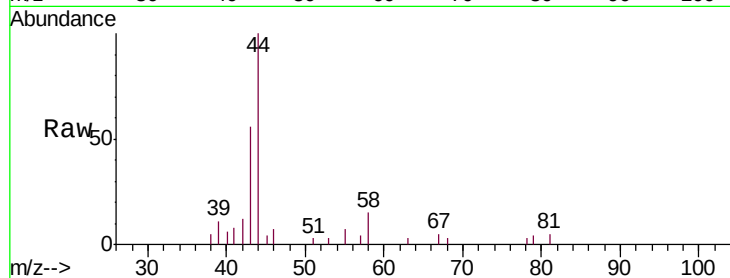
GALE4DL

Tgt Ion: 43 Resp: 3890

Ion Ratio Lower Upper

43 100

58 30.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032449.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU032449.D (-376) (-)

2.33

2000

1500

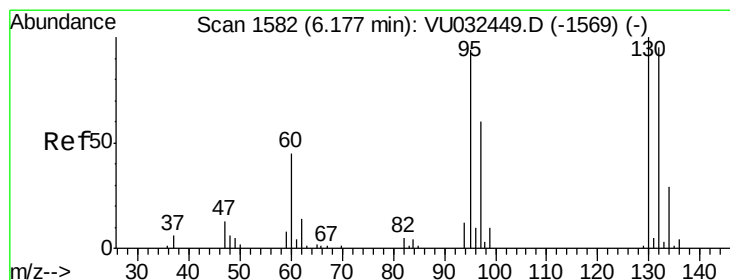
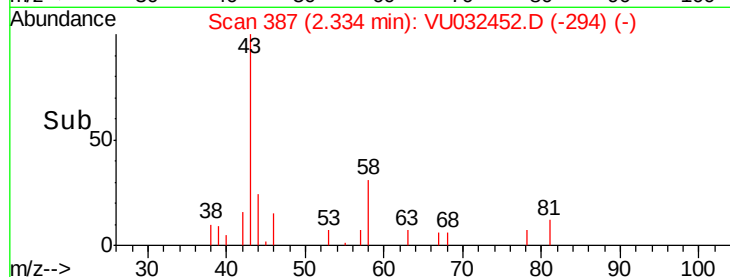
1000

500

0

Time-->

2.30 2.35 2.40



#34

Trichloroethene

Concen: 5.111 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032452.D

Acq: 05 Jun 2019 10:27

Tgt Ion: 95 Resp: 41799

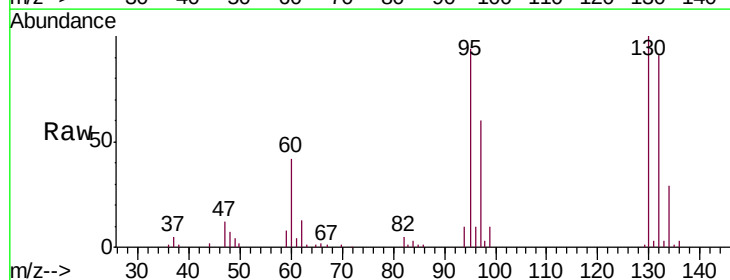
Ion Ratio Lower Upper

95 100

97 63.3 44.1 81.9

132 96.4 68.8 127.8

130 106.3 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU032449.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032449.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032449.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032449.D (-1569) (-)

30000

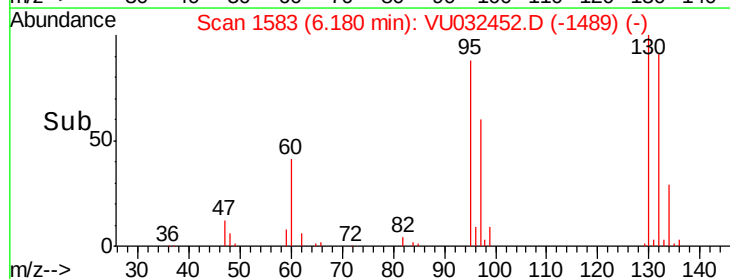
20000

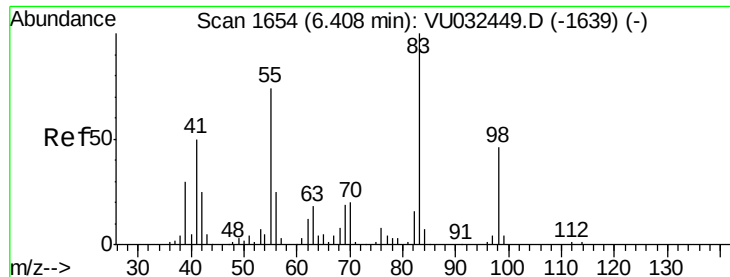
10000

0

Time-->

6.10 6.15 6.20 6.25 6.30

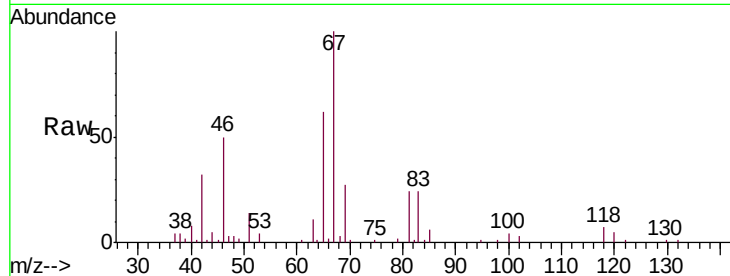




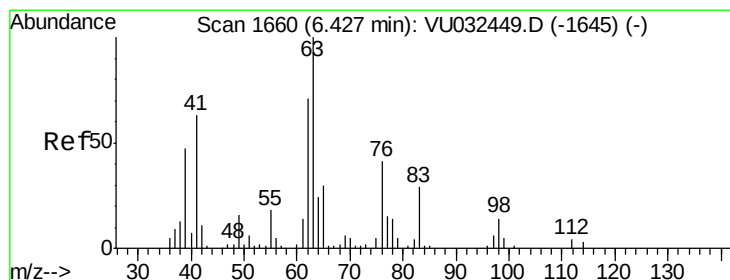
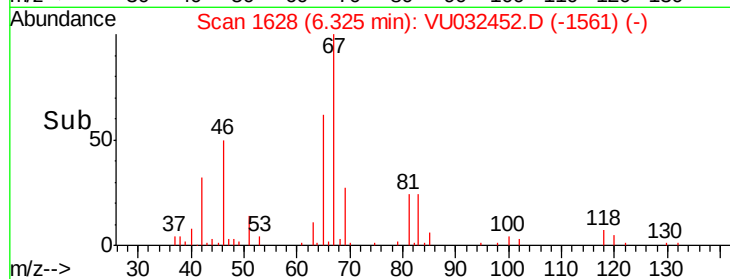
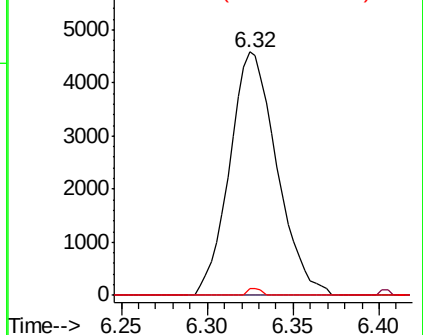
#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032452.D
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MSVOA_U
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Tgt Ion: 83 Resp: 8750
Ion Ratio Lower Upper
83 100
55 0.5 60.0 90.0#
98 0.8 37.8 56.8#

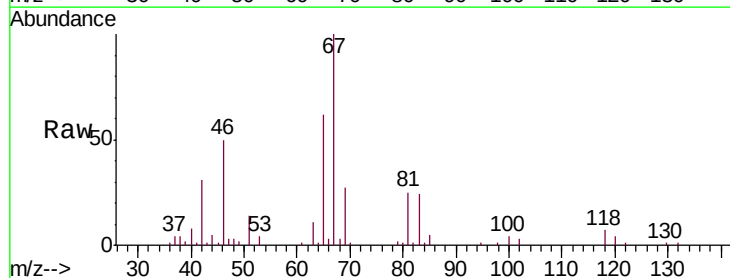


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

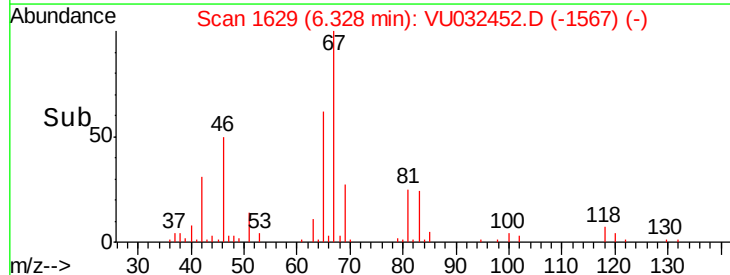
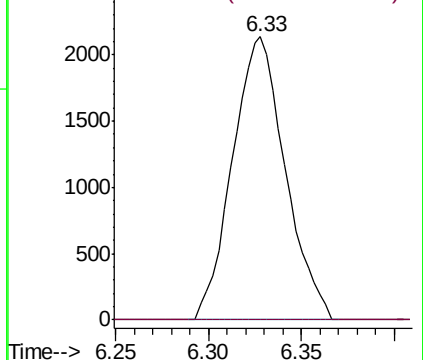


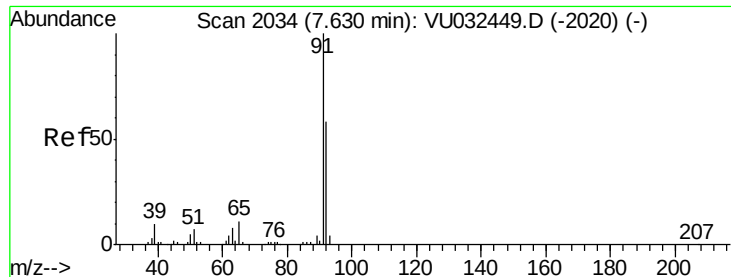
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032452.D
Acq: 05 Jun 2019 10:27

Tgt Ion: 63 Resp: 4211
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



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





#42

Toluene

Concen: 0.092 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032452.D

Acq: 05 Jun 2019 10:27

Instrument :

MSVOA_U

ClientSampleID :

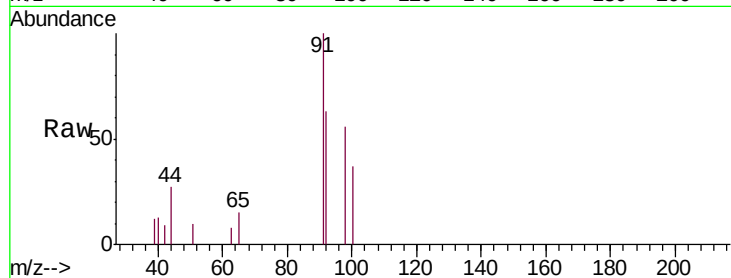
GALE4DL

Tgt Ion: 91 Resp: 2921

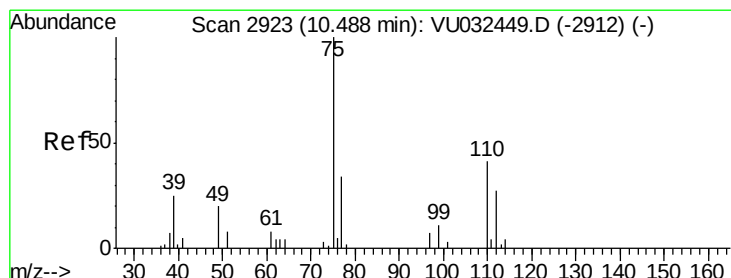
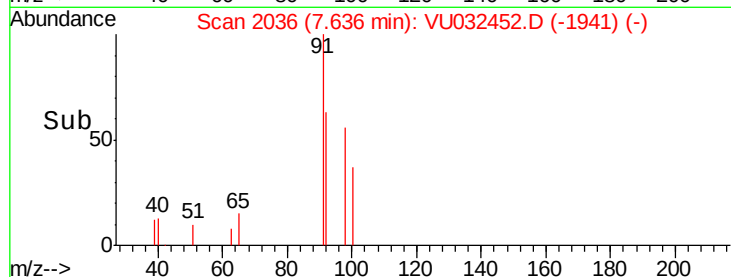
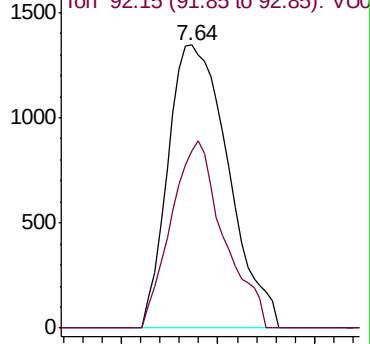
Ion Ratio Lower Upper

91 100

92 62.8 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032449.D (-2020) (-)



#59

1,2,3-Trichloropropane

Concen: 1.157 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032452.D

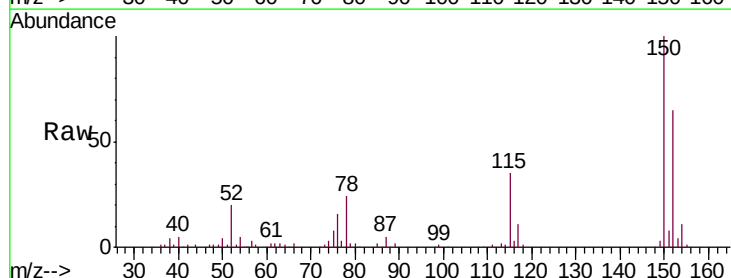
Acq: 05 Jun 2019 10:27

Tgt Ion: 75 Resp: 5591

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU032449.D (-2912) (-)

