

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032544.D
 Acq On : 08 Jun 2019 15:49
 Operator : JC/SP
 Sample : K3276-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F2

Quant Time: Jun 08 23:15:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216133	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103343	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75342	53.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.46%
7) Chloroethane-d5	1.68	69	59169	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.02%
11) 1,1-Dichloroethene-d2	2.27	63	110418	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
21) 2-Butanone-d5	4.17	46	113377	96.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.62%
24) Chloroform-d	4.64	84	129991	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.30	65	86611	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.33	84	274858	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.32	67	86885	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.56	98	254676	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%
43) trans-1,3-Dichloropropene-	7.85	79	41976	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.70%
47) 2-Hexanone-d5	8.31	63	77458	97.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117030	49.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	105140	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

Target Compounds

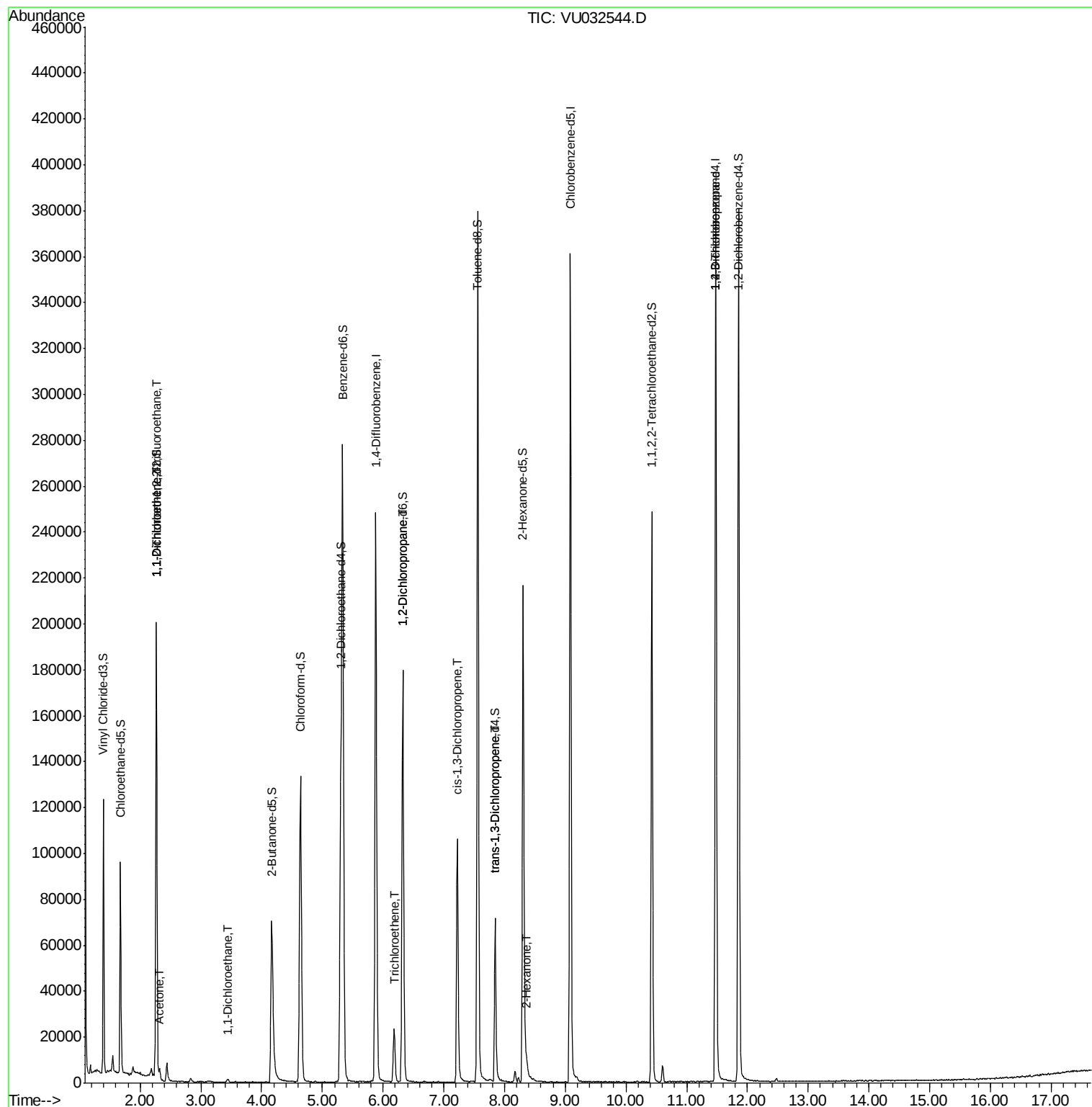
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1111	0.841	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1013	0.790	ug/L #	1
13) Acetone	2.32	43	4413	3.645	ug/L	94
19) 1,1-Dichloroethane	3.45	63	1741	0.687	ug/L	94
34) Trichloroethene	6.19	95	7639	4.948	ug/L	97
37) 1,2-Dichloropropane	6.32	63	9629	6.401	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2837	1.195	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1953	0.927	ug/L	86
48) 2-Hexanone	8.37	43	5252	2.642	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	11951	6.111	ug/L	89

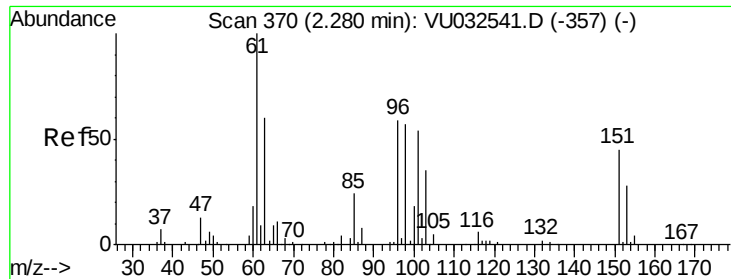
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.841 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032544.D

Acq: 08 Jun 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

DB8F2

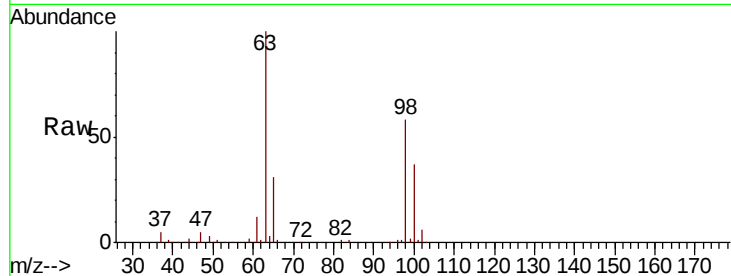
Tgt Ion: 101 Resp: 1111

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

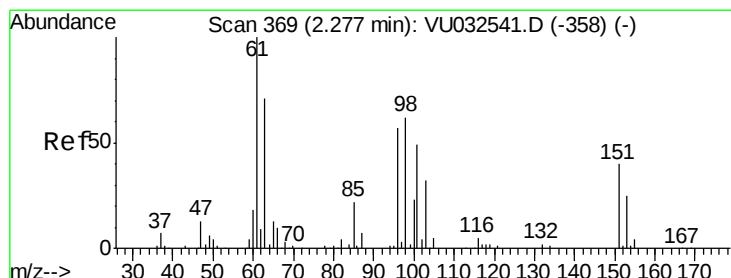
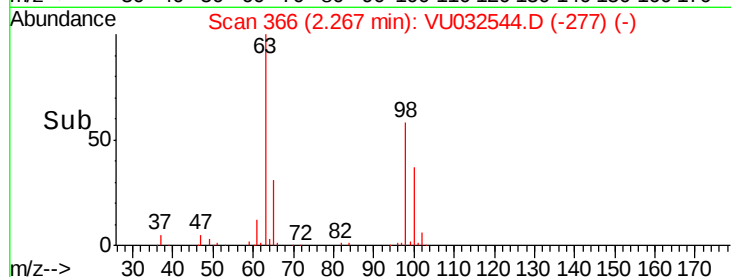
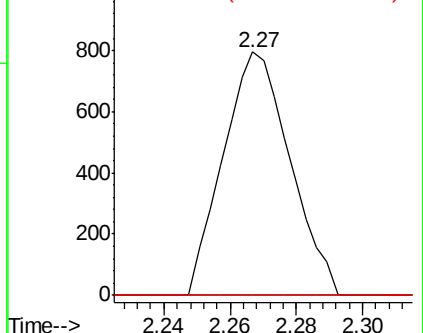
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.790 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032544.D

Acq: 08 Jun 2019 15:49

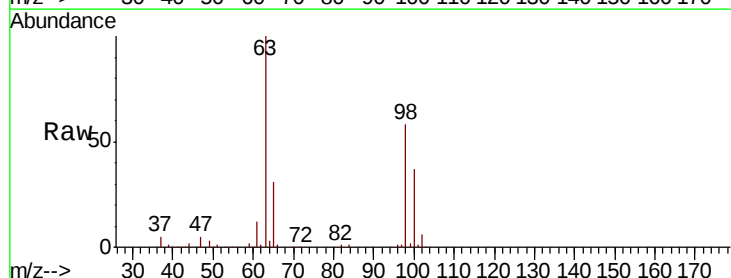
Tgt Ion: 96 Resp: 1013

Ion Ratio Lower Upper

96 100

61 1539.7 129.5 240.5#

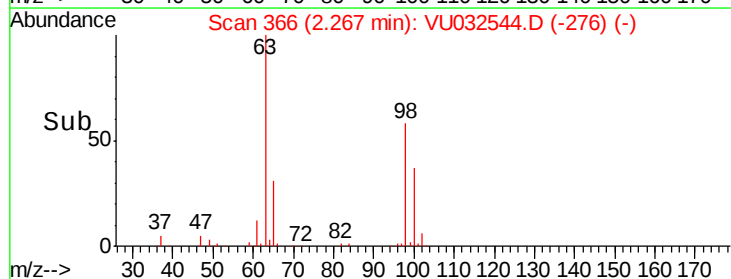
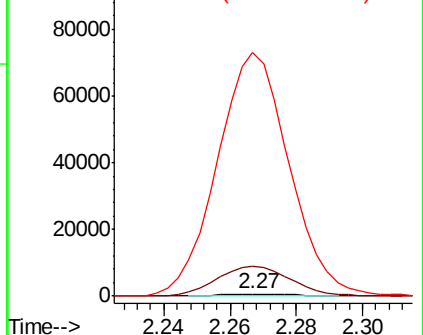
63 12393.9 103.4 192.0#

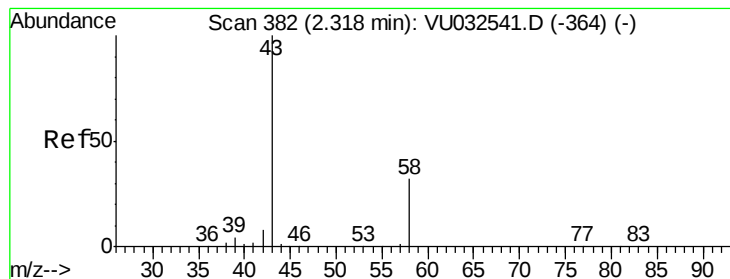


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.645 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032544.D

Acq: 08 Jun 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

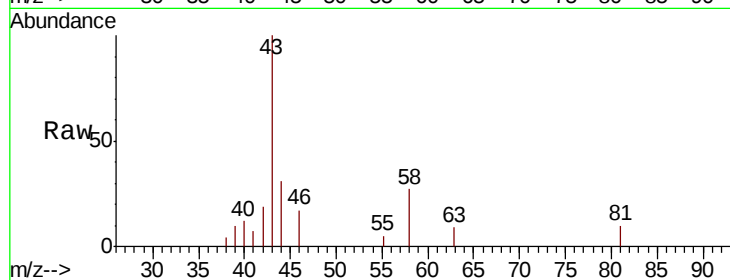
DB8F2

Tgt Ion: 43 Resp: 4413

Ion Ratio Lower Upper

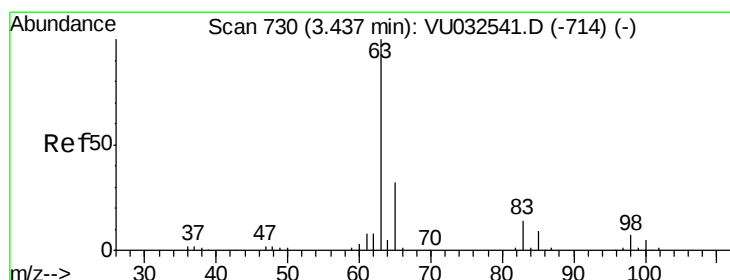
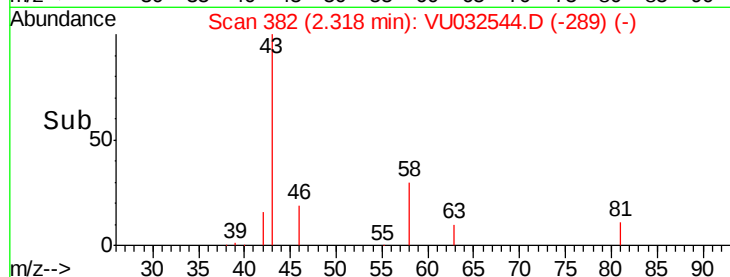
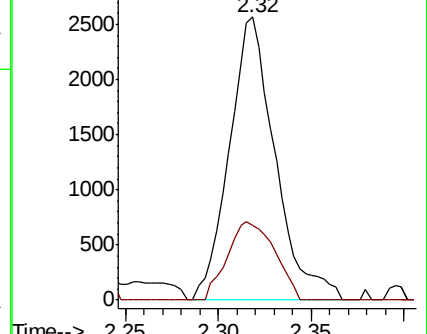
43 100

58 28.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032544.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032544.D (-289) (-)



#19

1,1-Dichloroethane

Concen: 0.687 ug/L

RT: 3.45 min Scan# 733

Delta R.T. 0.01 min

Lab File: VU032544.D

Acq: 08 Jun 2019 15:49

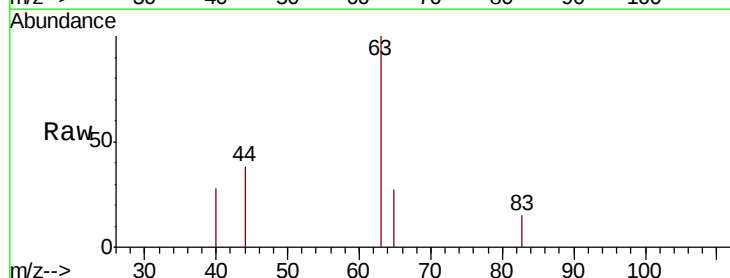
Tgt Ion: 63 Resp: 1741

Ion Ratio Lower Upper

63 100

65 27.2 21.8 40.6

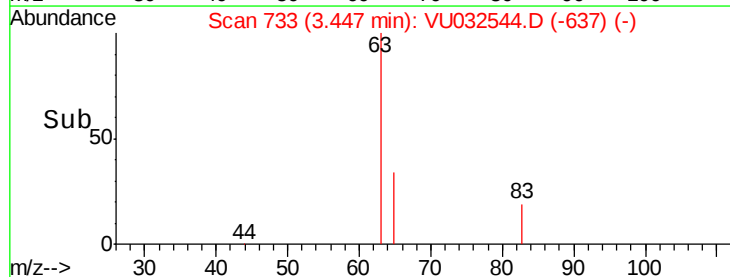
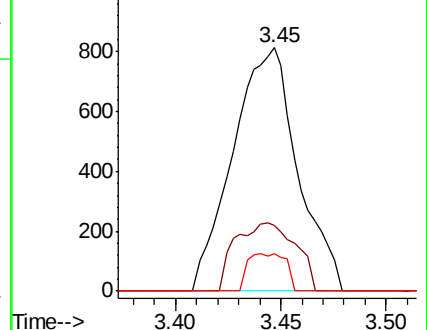
83 15.4 9.8 18.2

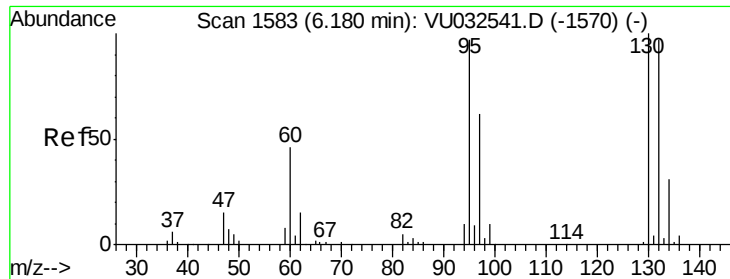


Abundance Ion 63.00 (62.70 to 63.70): VU032544.D (-637) (-)

Ion 65.00 (64.70 to 65.70): VU032544.D (-637) (-)

Ion 83.00 (82.70 to 83.70): VU032544.D (-637) (-)





#34

Trichloroethene

Concen: 4.948 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032544.D

Acq: 08 Jun 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

DB8F2

Tgt Ion: 95 Resp: 7639

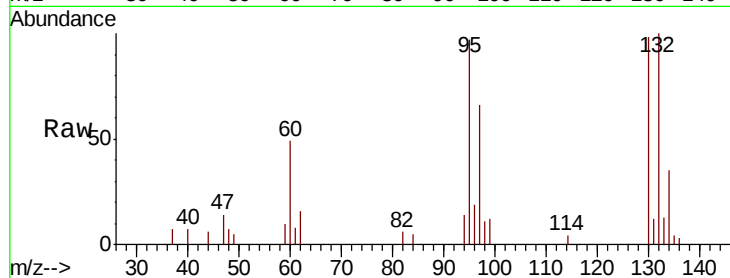
Ion Ratio Lower Upper

95 100

97 67.8 45.8 85.2

132 103.0 71.0 131.8

130 101.1 73.4 136.2

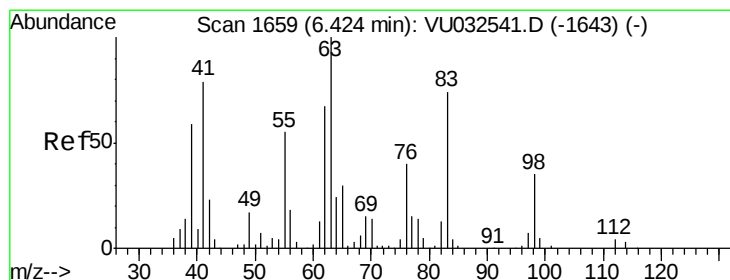
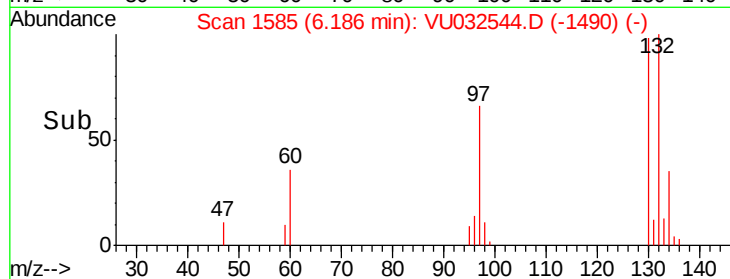
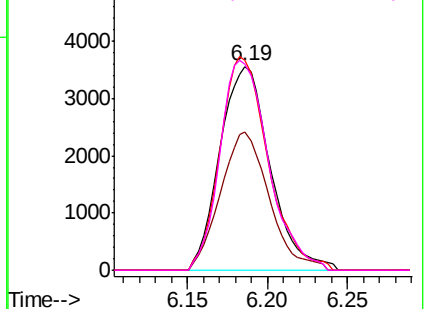


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.401 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032544.D

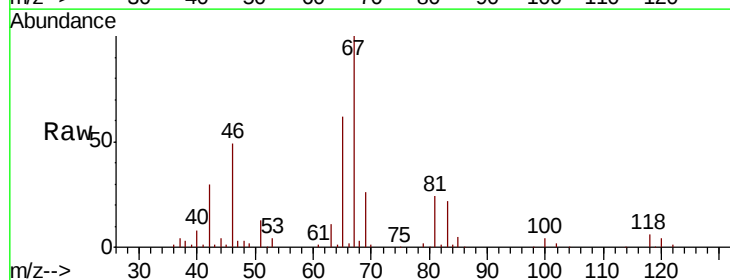
Acq: 08 Jun 2019 15:49

Tgt Ion: 63 Resp: 9629

Ion Ratio Lower Upper

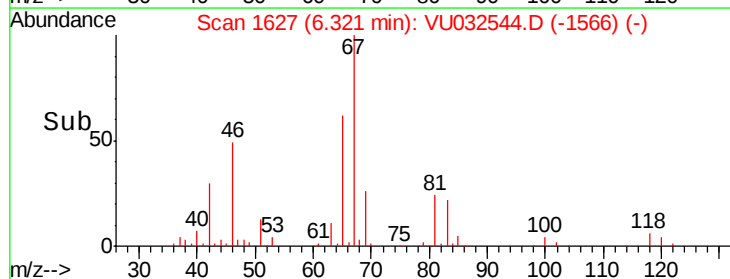
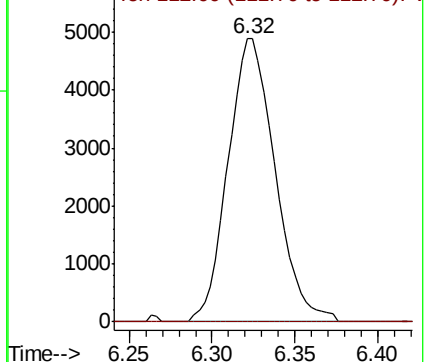
63 100

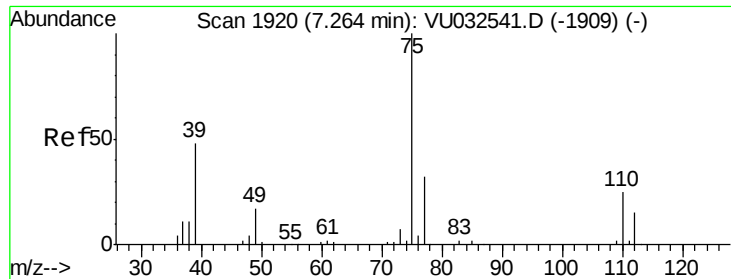
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

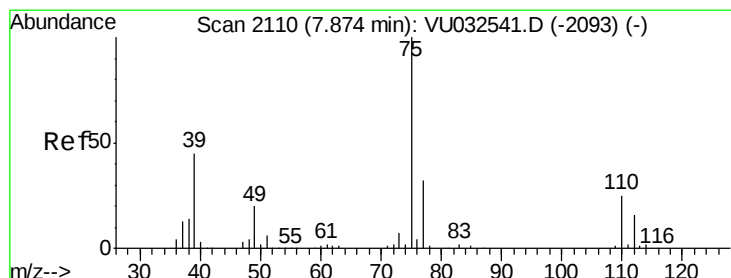
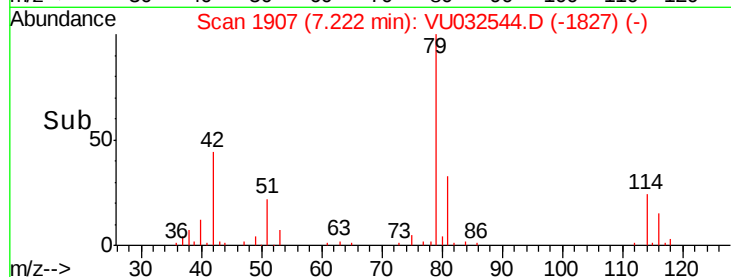
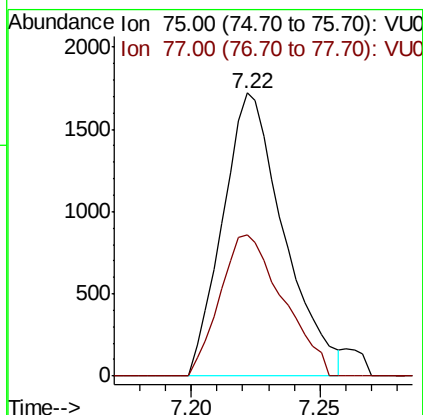
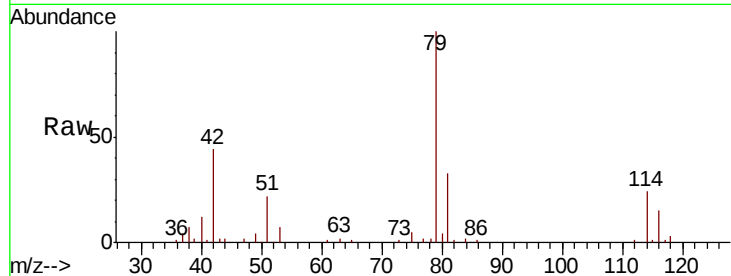




#39
 cis-1,3-Dichloropropene
 Concen: 1.195 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032544.D
 Acq: 08 Jun 2019 15:49

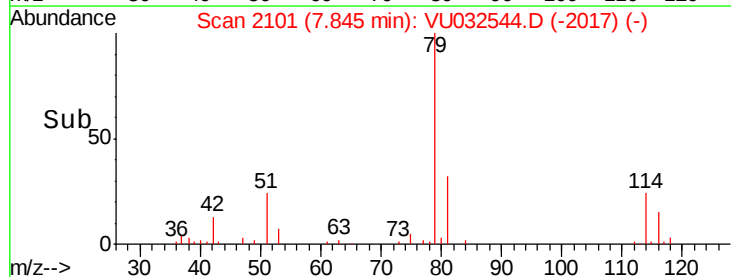
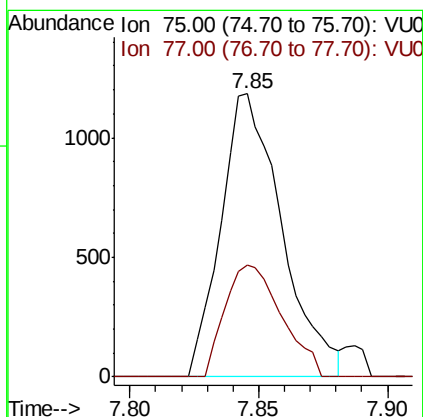
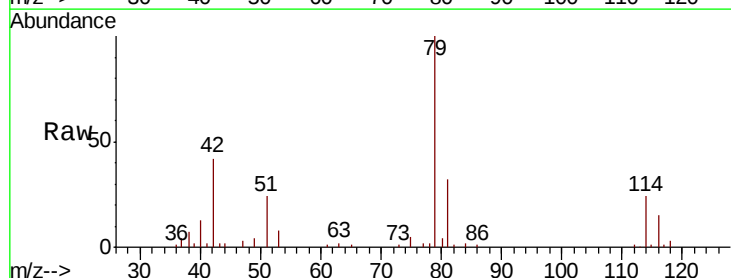
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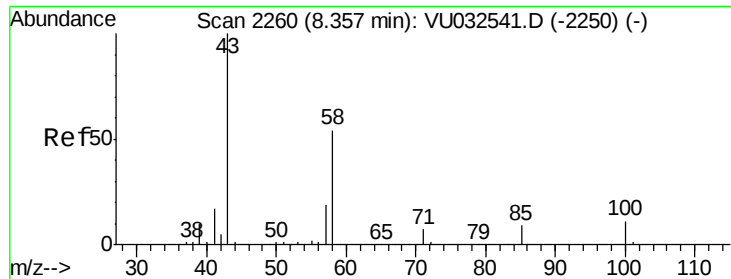
Tgt Ion: 75 Resp: 2837
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.927 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032544.D
 Acq: 08 Jun 2019 15:49

Tgt Ion: 75 Resp: 1953
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.1 41.1

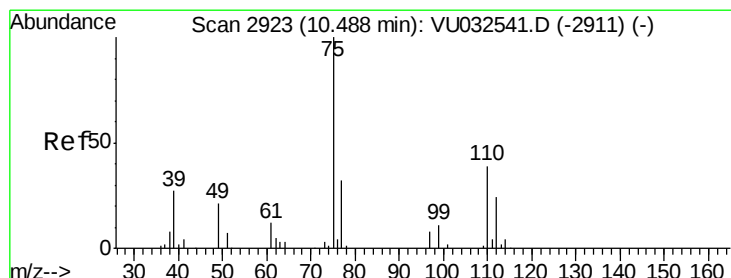
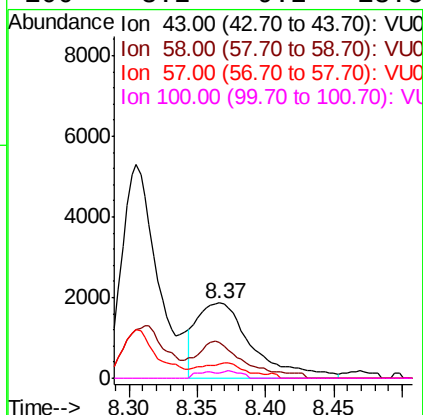
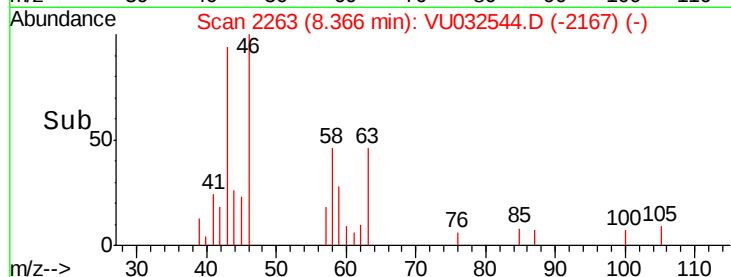
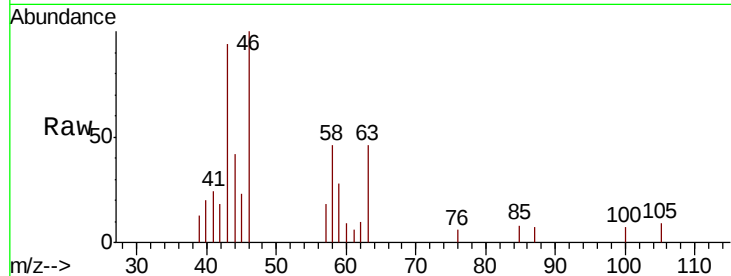




#48
2-Hexanone
Concen: 2.642 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032544.D
Acq: 08 Jun 2019 15:49

Instrument :
MSVOA_U
ClientSampleId :
DB8F2

Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
58 28.5 42.0 63.0#
57 11.0 14.6 22.0#
100 3.2 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.111 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032544.D
Acq: 08 Jun 2019 15:49

Tgt Ion: 75 Resp: 11951
Ion Ratio Lower Upper
75 100
77 38.0 25.6 38.4

