

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032543.D
 Acq On : 08 Jun 2019 15:20
 Operator : JC/SP
 Sample : K3276-17 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F3

Quant Time: Jun 08 23:15:32 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	213316	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74527	53.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.70%
7) Chloroethane-d5	1.68	69	58205	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.66%
11) 1,1-Dichloroethene-d2	2.27	63	107744	39.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.52%
21) 2-Butanone-d5	4.17	46	118101	101.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.97%
24) Chloroform-d	4.64	84	128041	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.30	65	85321	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
32) Benzene-d6	5.33	84	270504	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.32	67	85145	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.22%
41) Toluene-d8	7.56	98	253064	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%
43) trans-1,3-Dichloropropene-	7.85	79	41701	54.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.72%
47) 2-Hexanone-d5	8.31	63	81397	105.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114474	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	102865	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

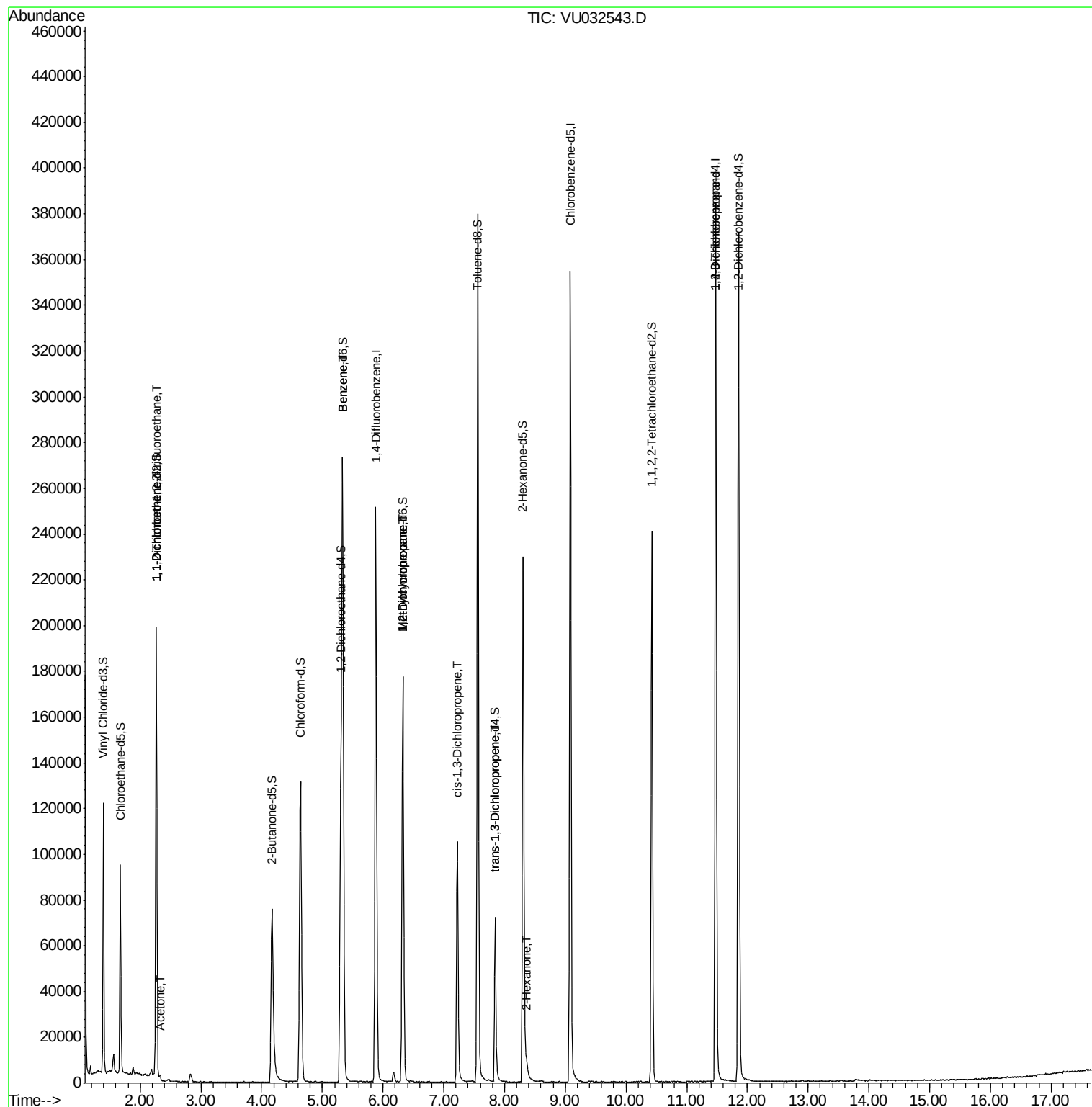
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1057	0.811	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	907	0.717	ug/L #	1
13) Acetone	2.32	43	957	0.801	ug/L	81
33) Benzene	5.33	78	2285	0.417	ug/L	100
35) Methylcyclohexane	6.32	83	19261	7.977	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9172	6.312	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2632	1.148	ug/L #	73
44) trans-1,3-Dichloropropene	7.84	75	1980	0.973	ug/L #	83
48) 2-Hexanone	8.36	43	3626	1.888	ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	12353	6.539	ug/L	94

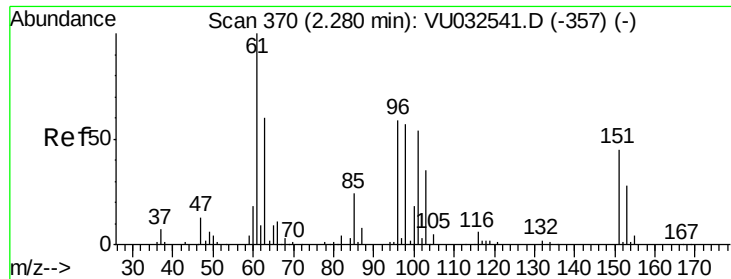
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.811 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032543.D

Acq: 08 Jun 2019 15:20

Instrument :

MSVOA_U

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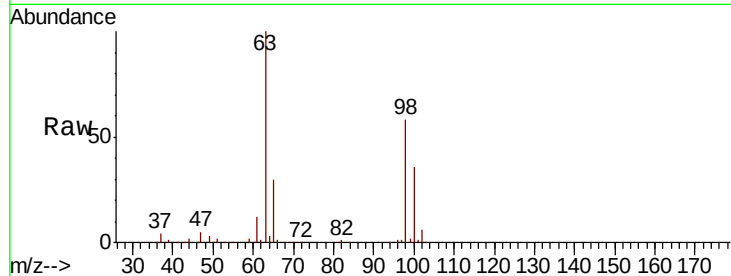
Tgt Ion: 101 Resp: 1057

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

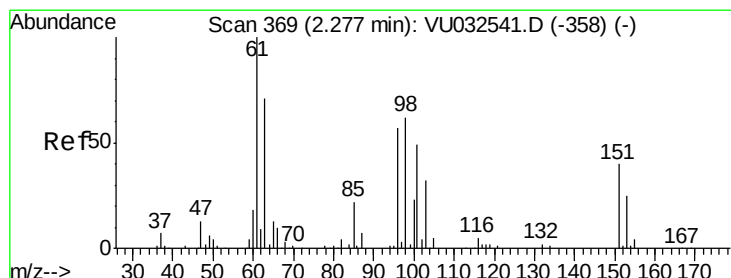
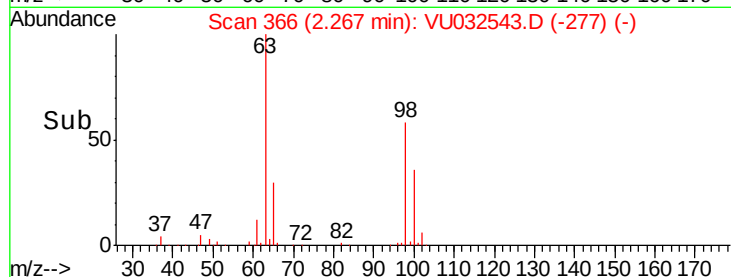
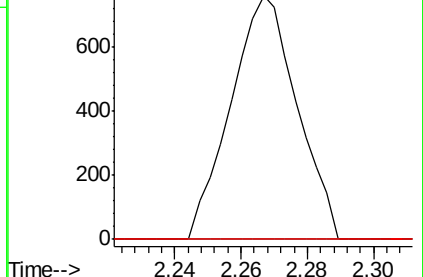
151 0.0 63.0 94.4#



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: 0.717 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032543.D

Acq: 08 Jun 2019 15:20

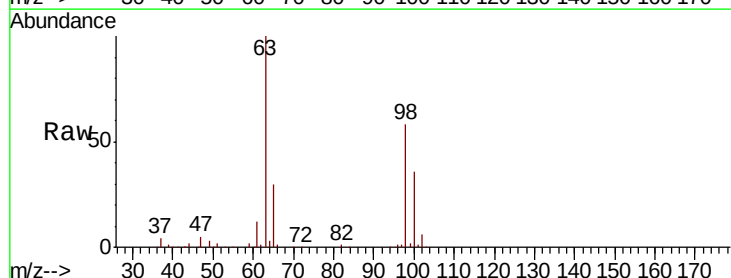
Tgt Ion: 96 Resp: 907

Ion Ratio Lower Upper

96 100

61 1338.6 129.5 240.5#

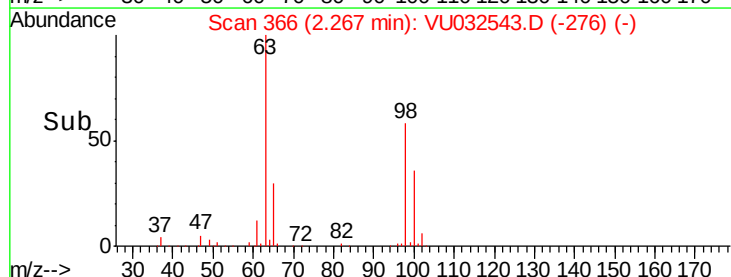
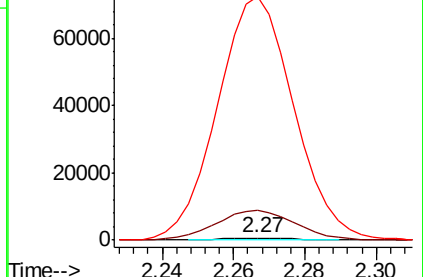
63 10937.0 103.4 192.0#

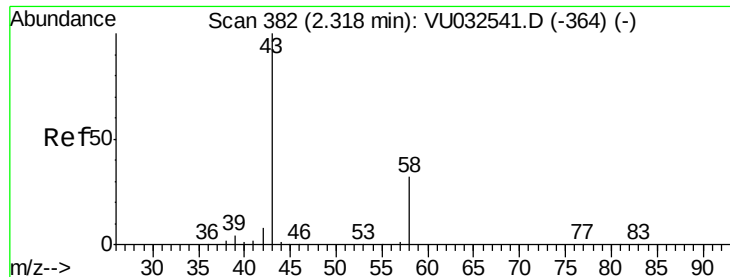


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.801 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032543.D

Acq: 08 Jun 2019 15:20

Instrument :

MSVOA_U

ClientSampleId :

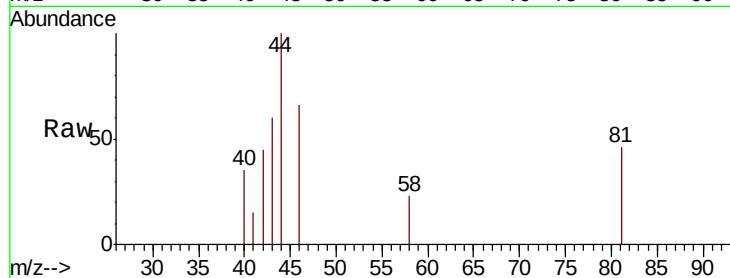
DB8F3

Tgt Ion: 43 Resp: 957

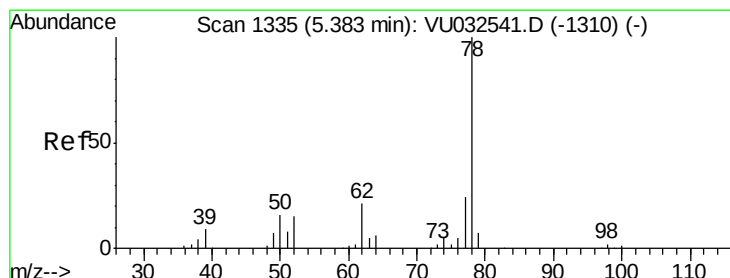
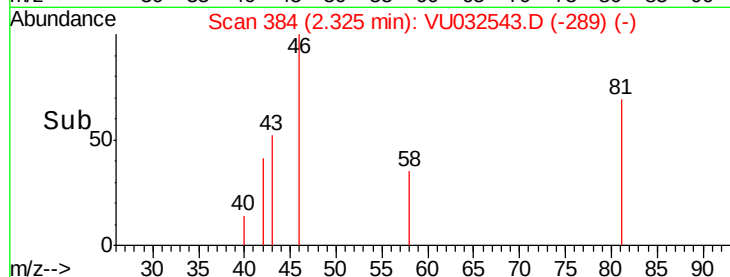
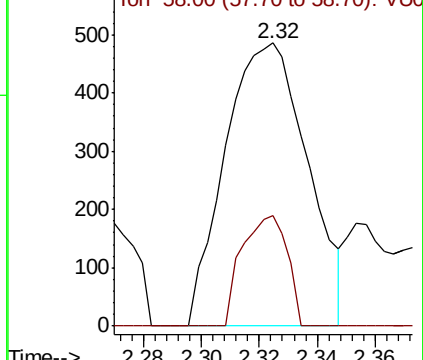
Ion Ratio Lower Upper

43 100

58 21.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032541.D (-364) (-)



#33

Benzene

Concen: 0.417 ug/L

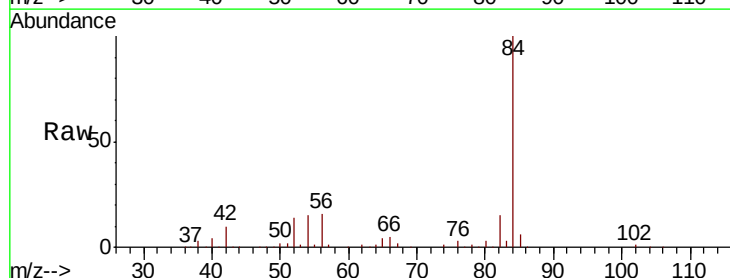
RT: 5.33 min Scan# 1320

Delta R.T. -0.05 min

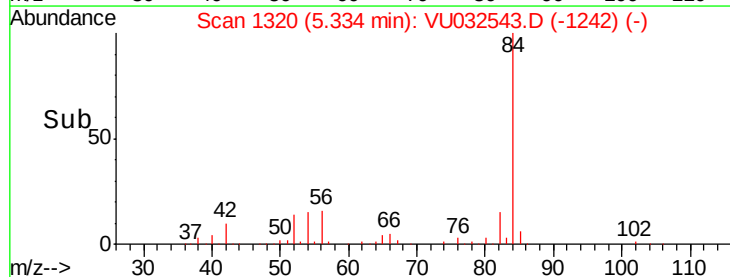
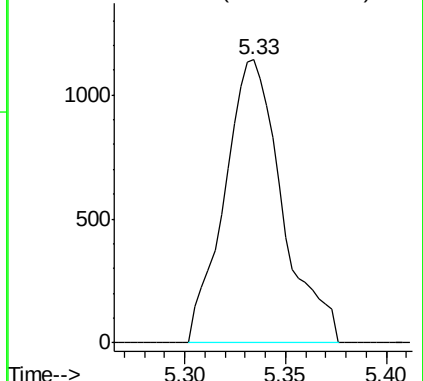
Lab File: VU032543.D

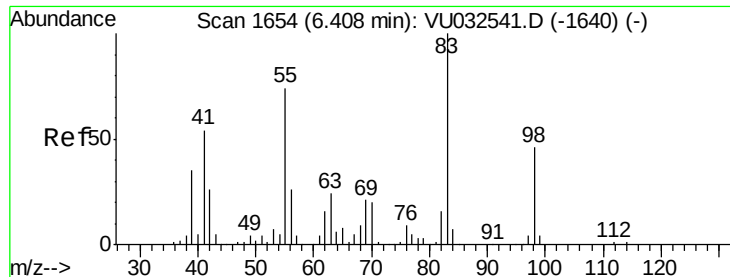
Acq: 08 Jun 2019 15:20

Tgt Ion: 78 Resp: 2285



Abundance Ion 78.00 (77.70 to 78.70): VU032541.D (-1310) (-)





#35

Methylcyclohexane

Concen: 7.977 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032543.D

Acq: 08 Jun 2019 15:20

Instrument :

MSVOA_U

ClientSampleId :

DB8F3

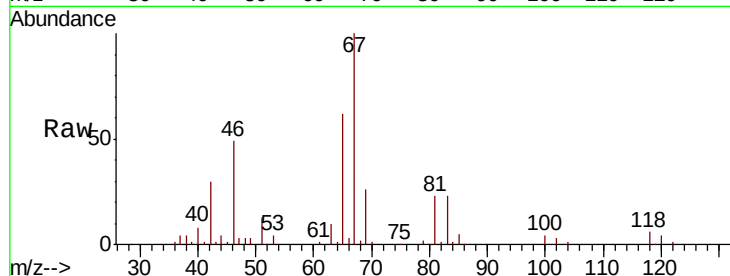
Tgt Ion: 83 Resp: 19261

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

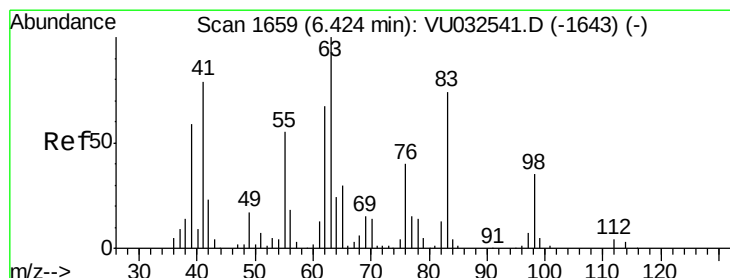
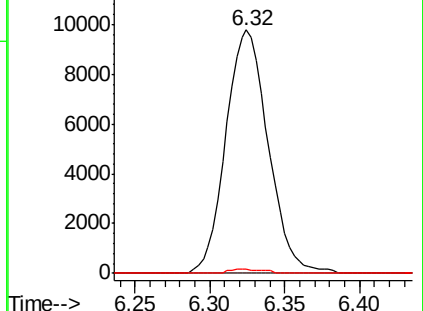
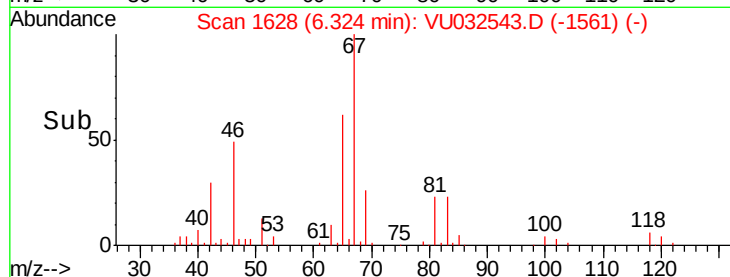
98 1.0 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#37

1,2-Dichloropropane

Concen: 6.312 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032543.D

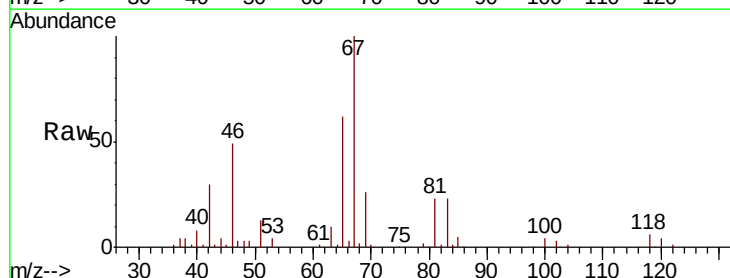
Acq: 08 Jun 2019 15:20

Tgt Ion: 63 Resp: 9172

Ion Ratio Lower Upper

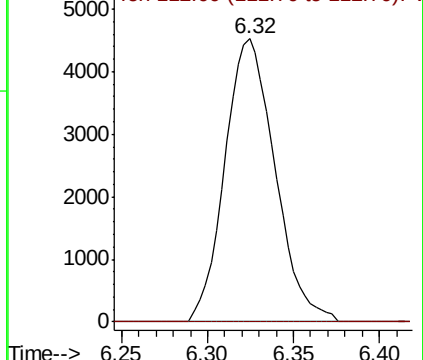
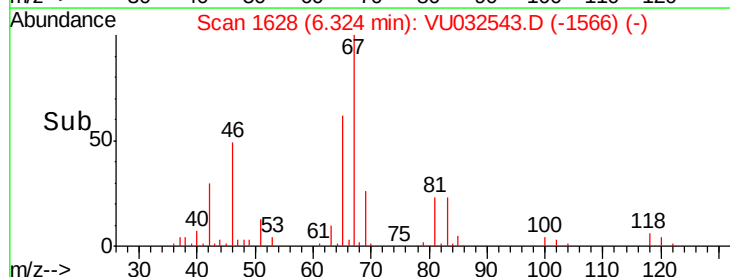
63 100

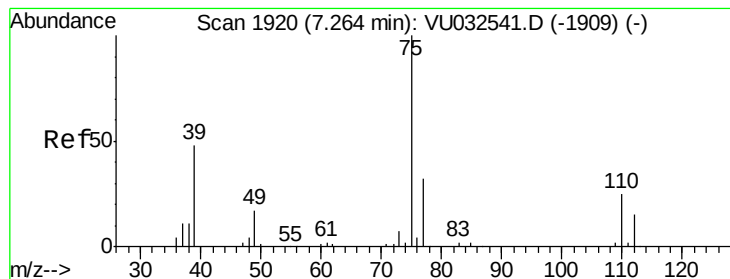
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



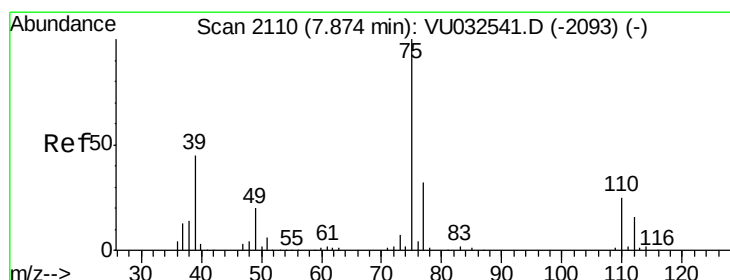
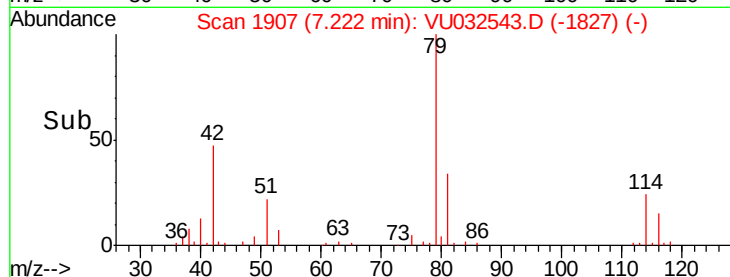
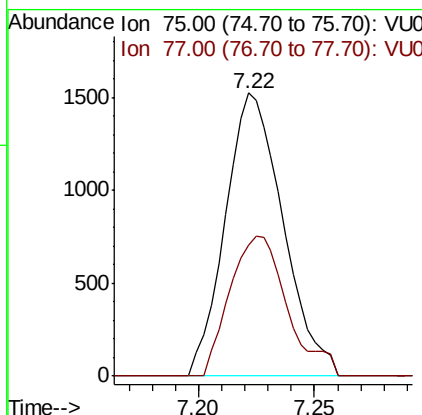
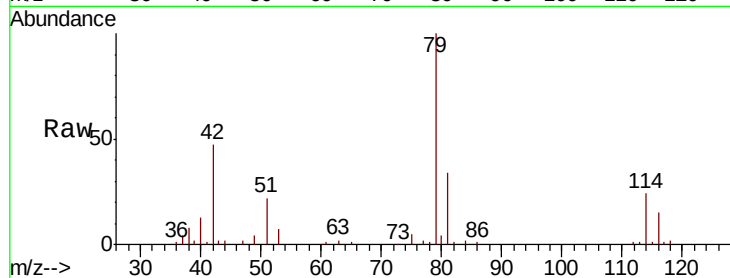


#39

cis-1,3-Dichloropropene
Concen: 1.148 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032543.D
Acq: 08 Jun 2019 15:20

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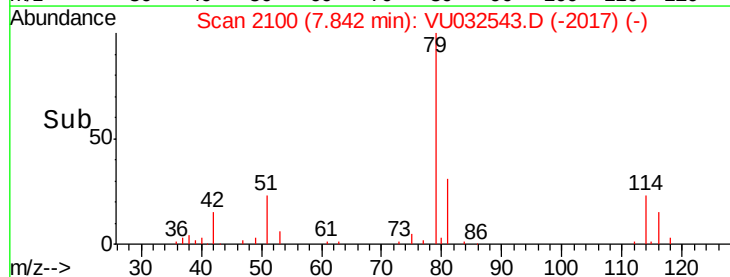
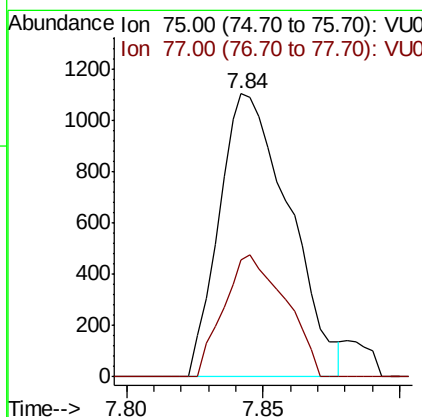
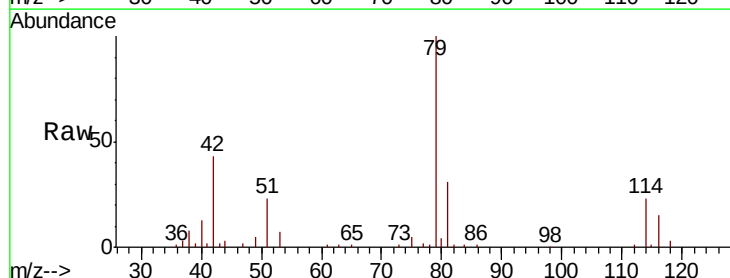
Tgt Ion: 75 Resp: 2632
Ion Ratio Lower Upper
75 100
77 46.5 22.0 41.0#

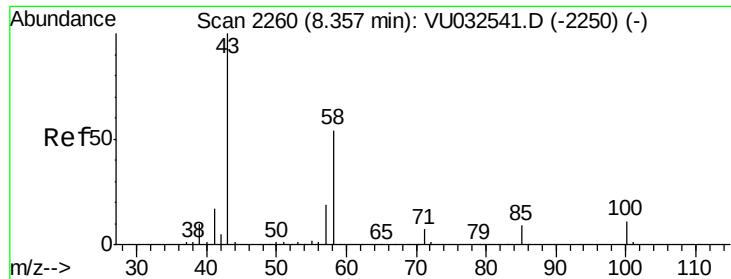


#44

trans-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032543.D
Acq: 08 Jun 2019 15:20

Tgt Ion: 75 Resp: 1980
Ion Ratio Lower Upper
75 100
77 41.2 22.1 41.1#

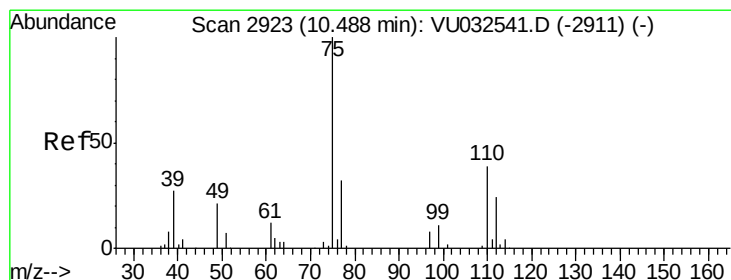
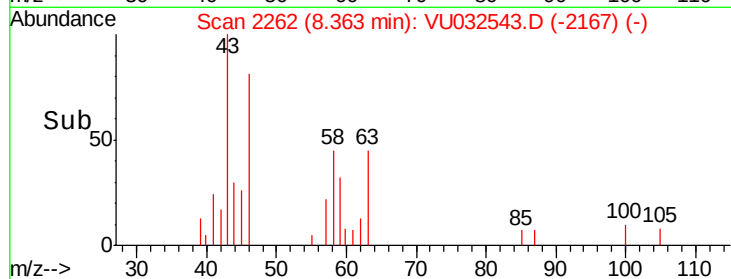
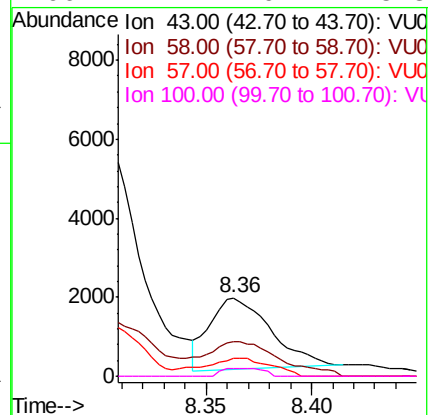
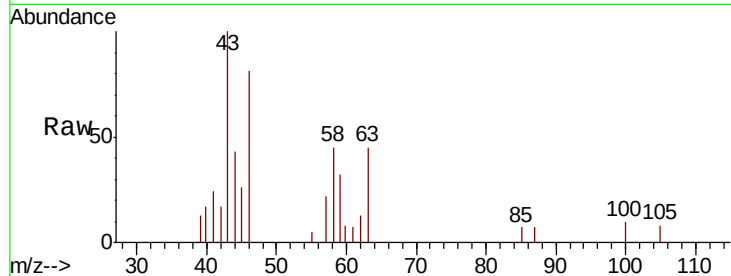




#48
 2-Hexanone
 Concen: 1.888 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032543.D
 Acq: 08 Jun 2019 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F3

Tgt Ion: 43 Resp: 3626
 Ion Ratio Lower Upper
 43 100
 58 54.2 42.0 63.0
 57 28.0 14.6 22.0#
 100 7.4 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.539 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032543.D
 Acq: 08 Jun 2019 15:20

Tgt Ion: 75 Resp: 12353
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.6 38.4

