

Data File : VU032574.D
Acq On : 10 Jun 2019 18:53
Operator : JC/SP
Sample : K3277-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B5

Quant Time: Jun 11 05:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	180655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60908	49.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.60%
7) Chloroethane-d5	1.68	69	48872	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.46%
11) 1,1-Dichloroethene-d2	2.27	63	89646	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	4.17	46	113331	109.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.62%
24) Chloroform-d	4.64	84	112458	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.30	65	74347	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
32) Benzene-d6	5.33	84	235356	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.32	67	73720	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.56	98	219396	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%
43) trans-1,3-Dichloropropene-	7.85	79	34153	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
47) 2-Hexanone-d5	8.31	63	66118	92.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101105	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	88036	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%

Target Compounds

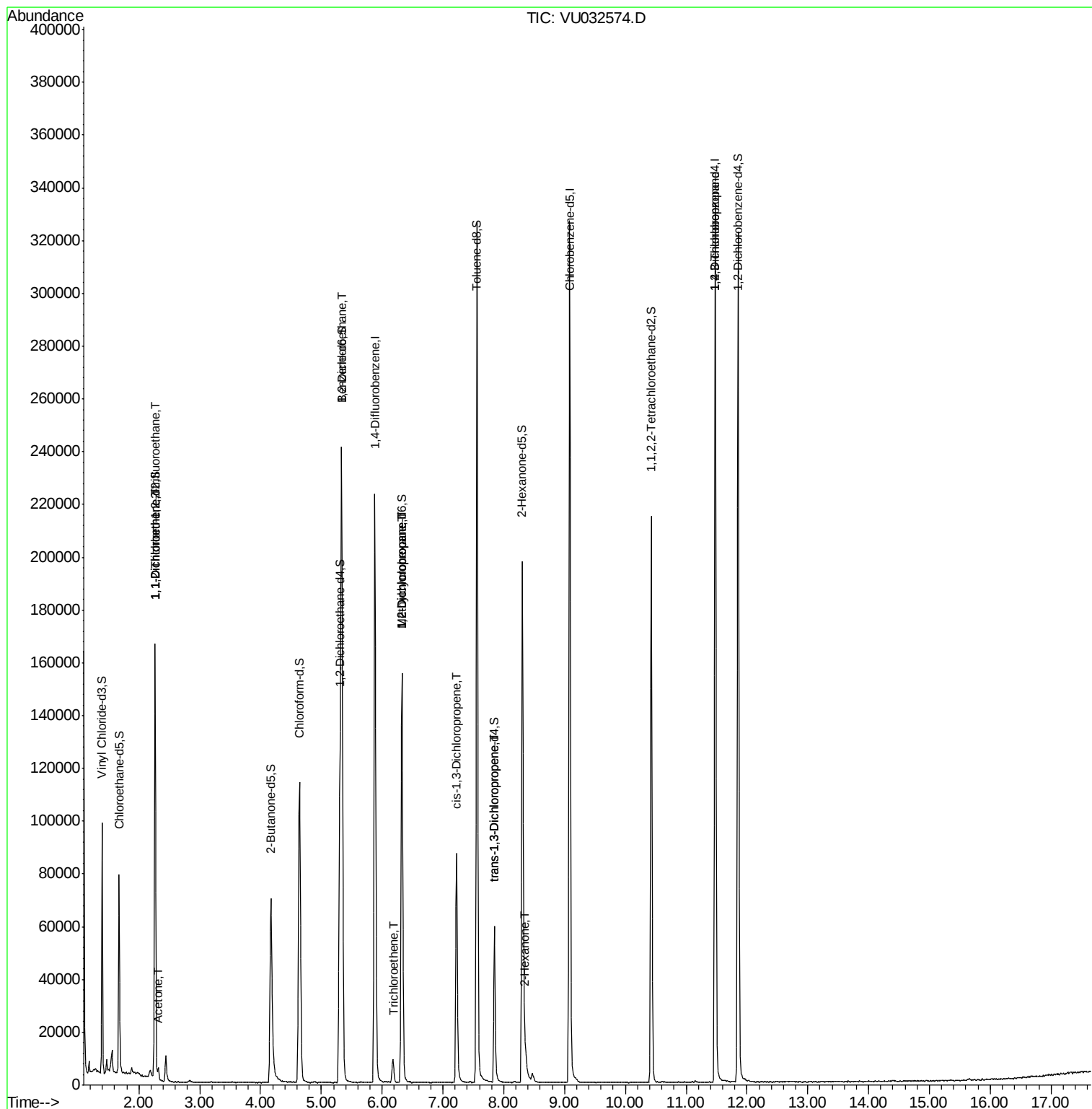
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	893	0.767 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	728	0.644 ug/L #	1
13) Acetone	2.31	43	4535	4.251 ug/L	93
27) 1,2-Dichloroethane	5.33	62	1304	0.716 ug/L #	75
34) Trichloroethene	6.19	95	1256	0.910 ug/L	90
35) Methylcyclohexane	6.32	83	16432	7.350 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	8118	6.033 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2225	1.048 ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	1413	0.750 ug/L #	79
48) 2-Hexanone	8.36	43	5374	3.023 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	10846	6.201 ug/L	90

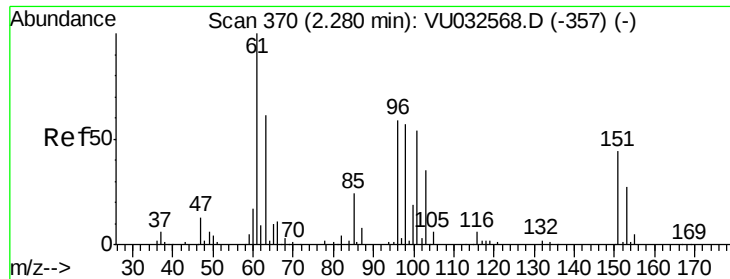
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.767 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

DB8B5

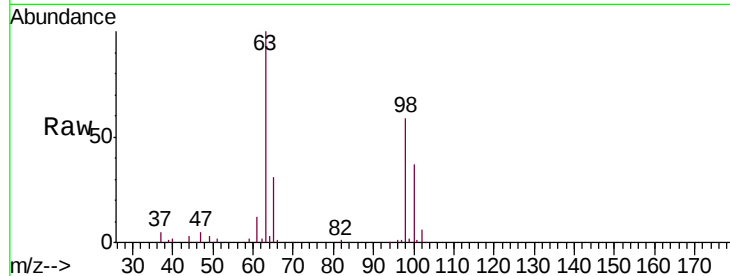
Tgt Ion:101 Resp: 893

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

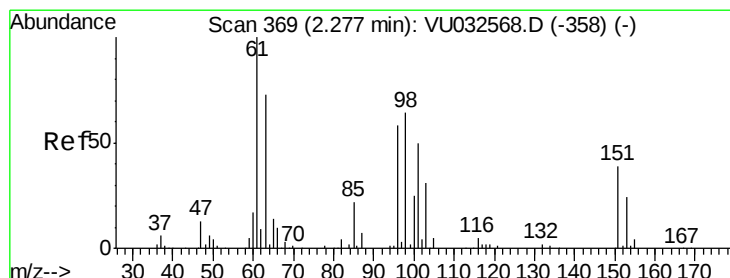
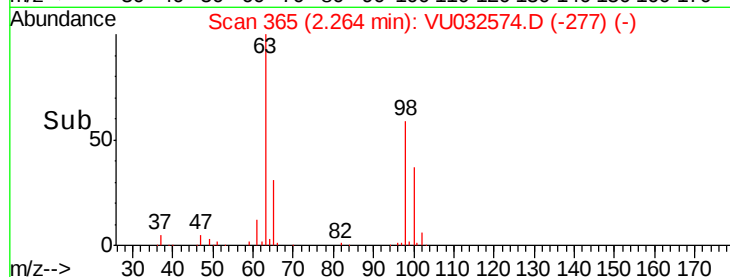
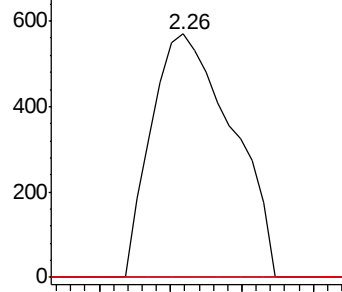
151 0.0 63.0 94.4#



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: 0.644 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032574.D

Acq: 10 Jun 2019 18:53

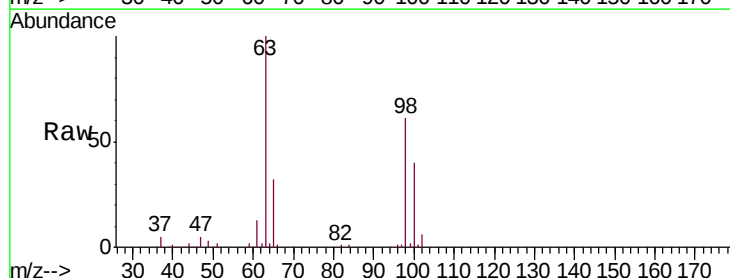
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 1361.6 129.5 240.5#

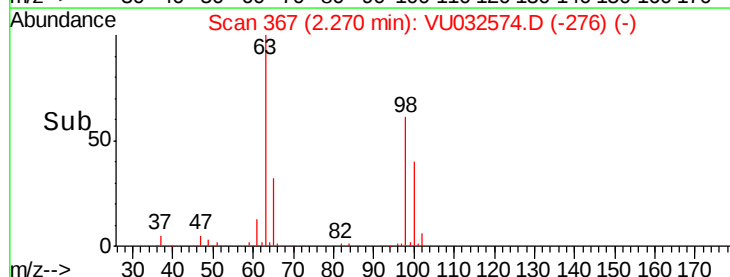
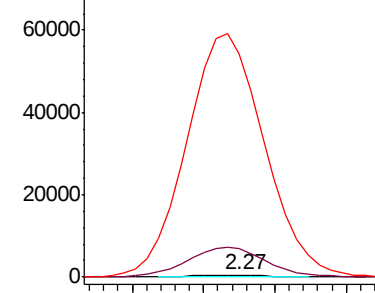
63 10828.7 103.4 192.0#

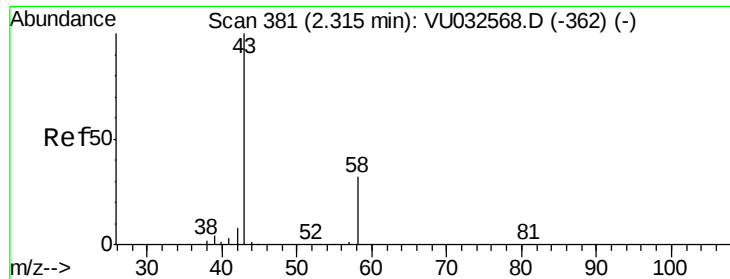


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.251 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

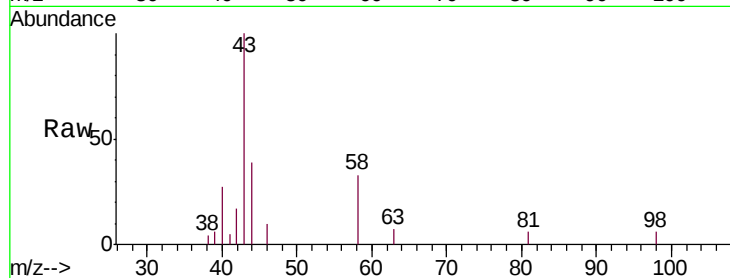
DB8B5

Tgt Ion: 43 Resp: 4535

Ion Ratio Lower Upper

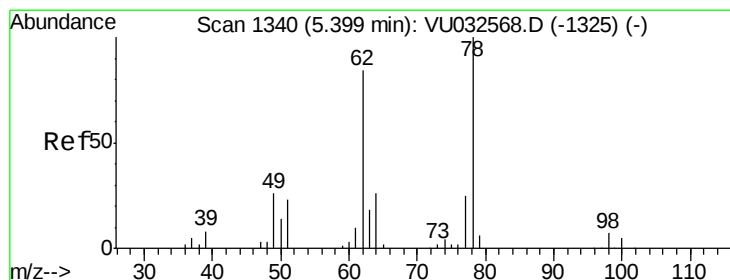
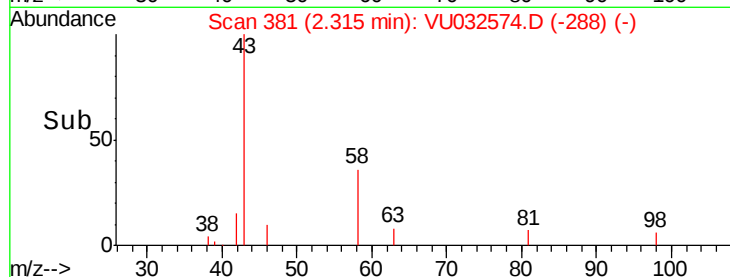
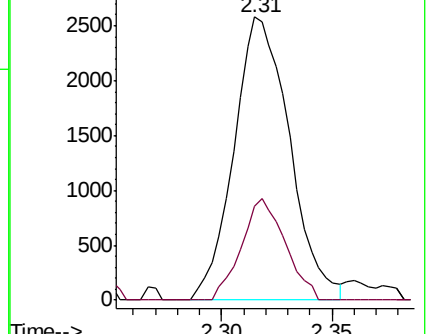
43 100

58 28.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)



#27

1,2-Dichloroethane

Concen: 0.716 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032574.D

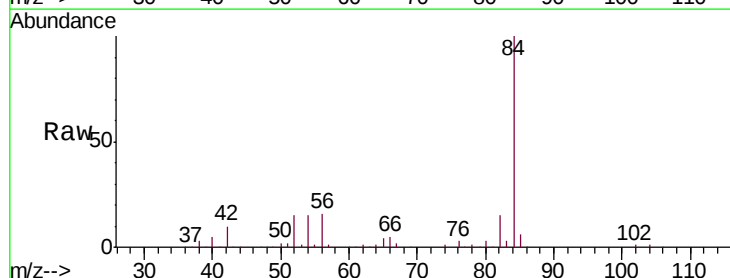
Acq: 10 Jun 2019 18:53

Tgt Ion: 62 Resp: 1304

Ion Ratio Lower Upper

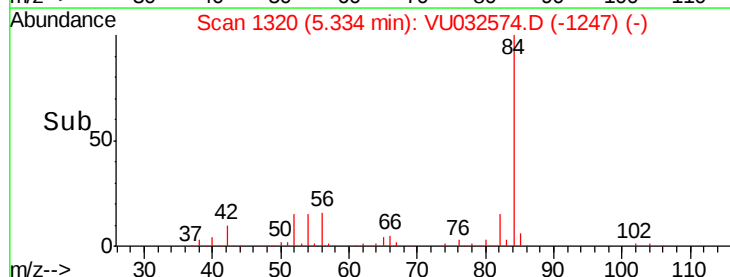
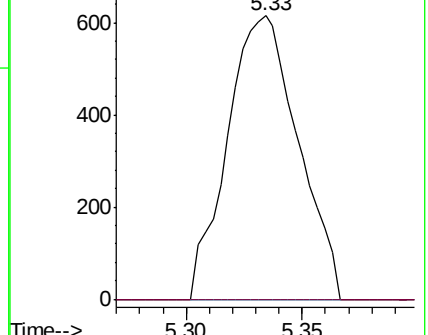
62 100

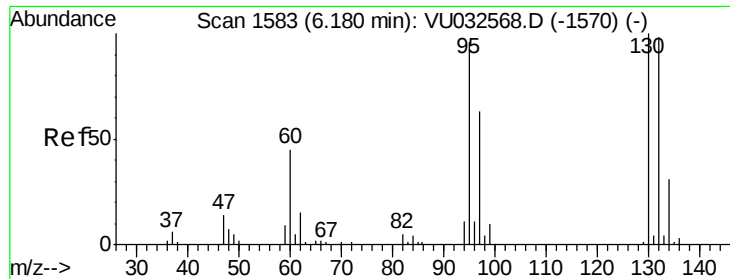
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032568.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032568.D (-1325) (-)





#34

Trichloroethene

Concen: 0.910 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU032574.D

Acq: 10 Jun 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

DB8B5

Tgt Ion: 95 Resp: 1256

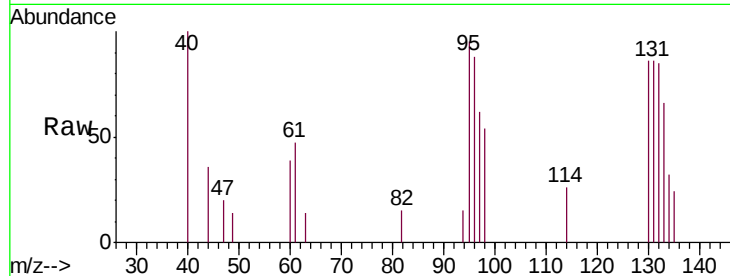
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.2

132 89.1 71.0 131.8

130 90.0 73.4 136.2

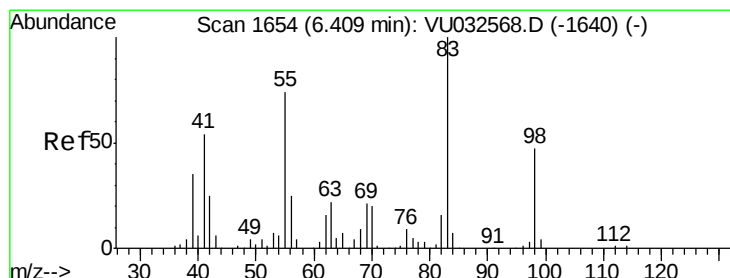
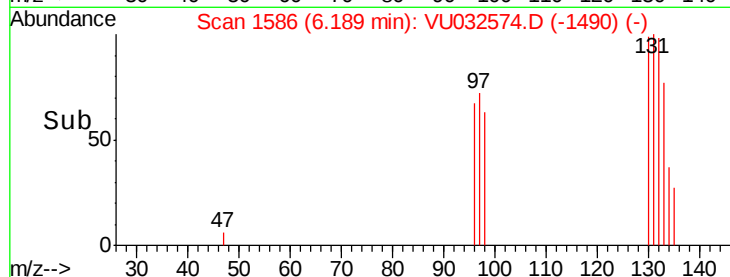
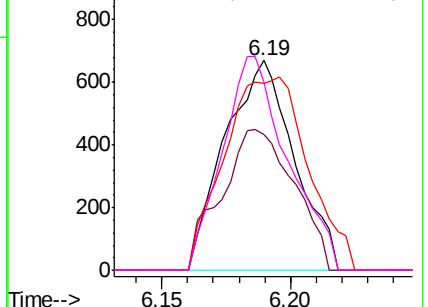


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.350 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032574.D

Acq: 10 Jun 2019 18:53

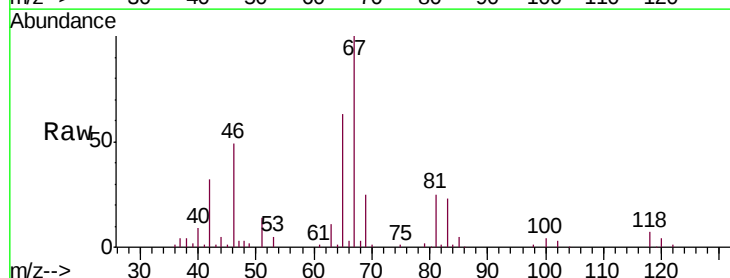
Tgt Ion: 83 Resp: 16432

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

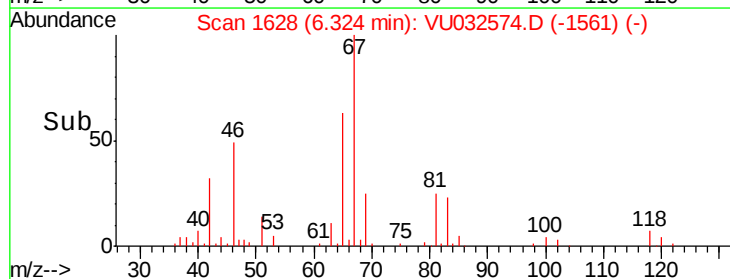
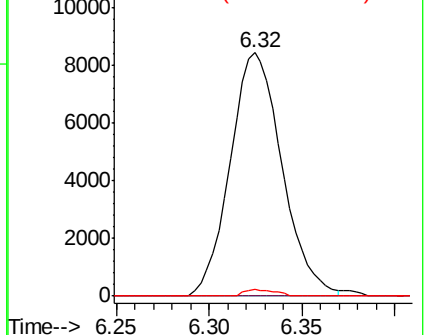
98 1.6 37.4 56.2#

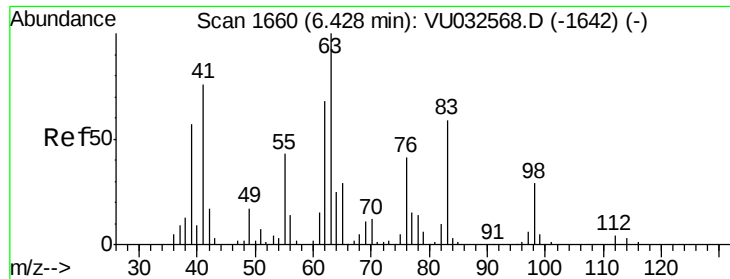


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

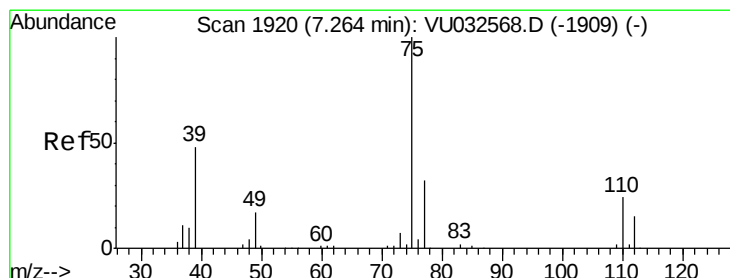
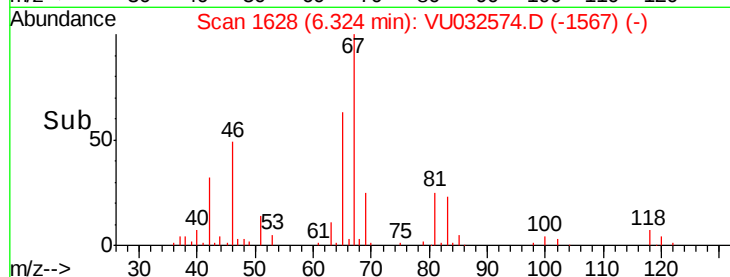
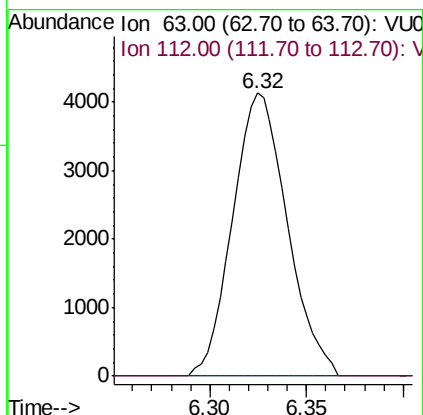
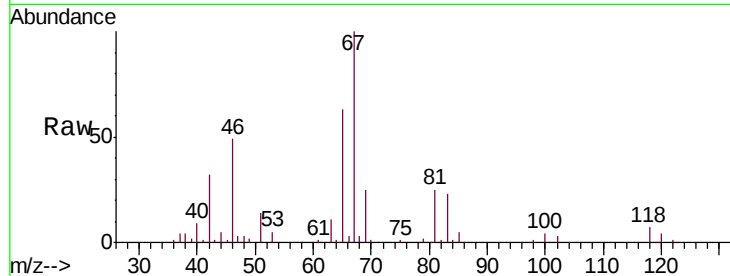




#37
 1,2-Dichloropropane
 Concen: 6.033 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032574.D
 Acq: 10 Jun 2019 18:53

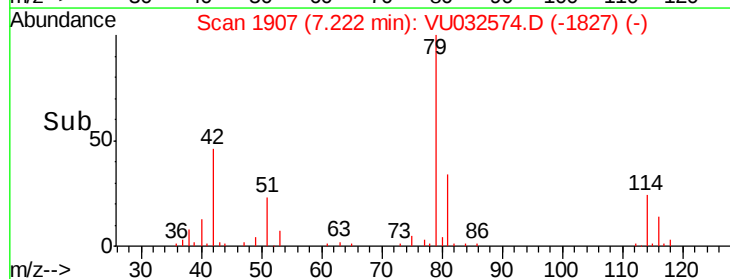
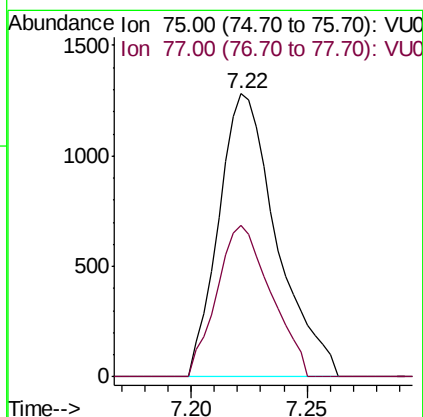
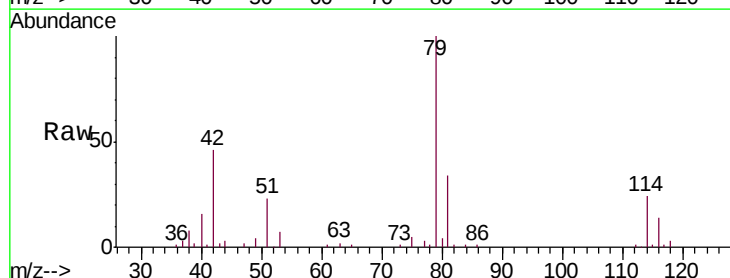
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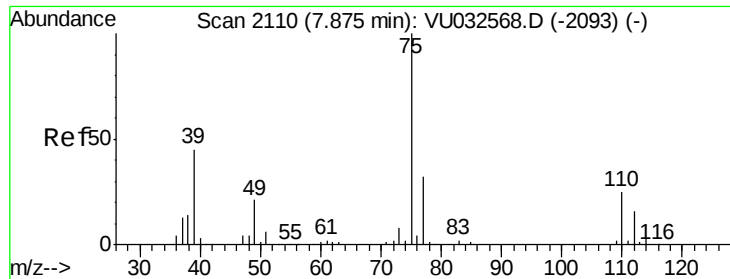
Tgt Ion: 63 Resp: 8118
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.048 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032574.D
 Acq: 10 Jun 2019 18:53

Tgt Ion: 75 Resp: 2225
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.0 41.0#

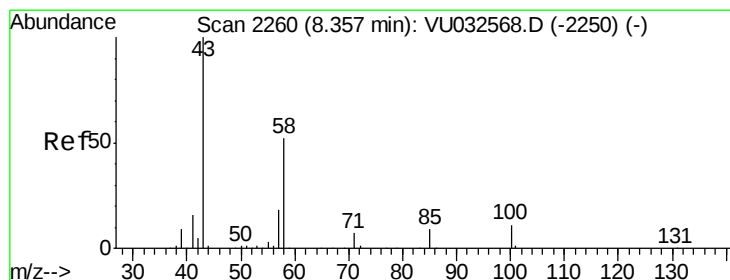
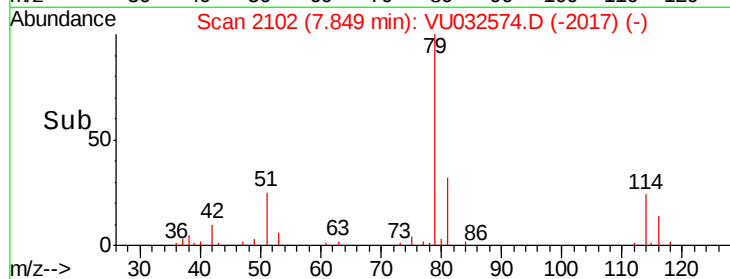
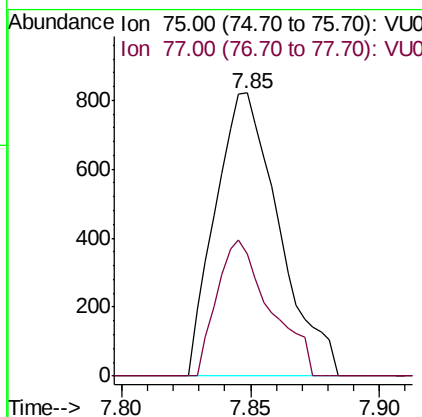
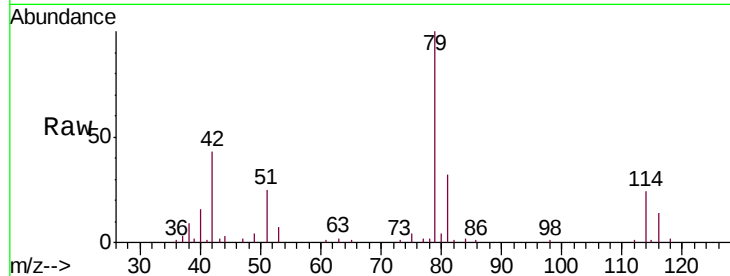




#44
trans-1,3-Dichloropropene
Concen: 0.750 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032574.D
Acq: 10 Jun 2019 18:53

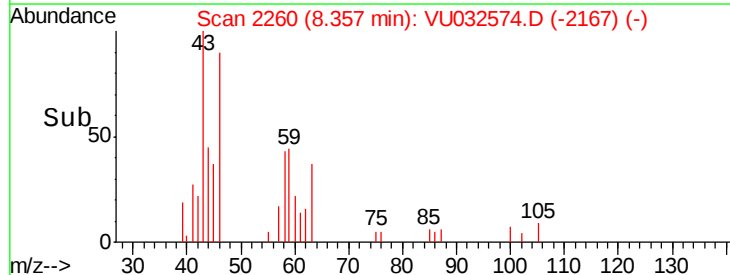
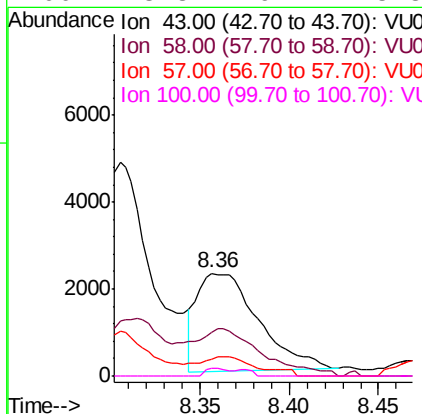
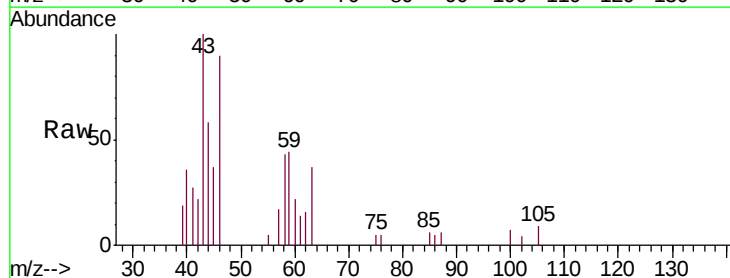
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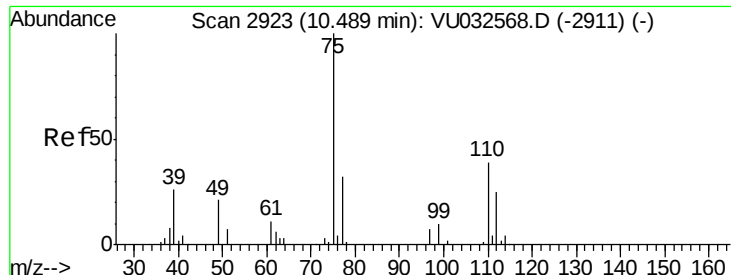
Tgt Ion: 75 Resp: 1413
Ion Ratio Lower Upper
75 100
77 43.0 22.1 41.1#



#48
2-Hexanone
Concen: 3.023 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU032574.D
Acq: 10 Jun 2019 18:53

Tgt Ion: 43 Resp: 5374
Ion Ratio Lower Upper
43 100
58 43.0 42.0 63.0
57 8.8 14.6 22.0#
100 3.3 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.201 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032574.D
 Acq: 10 Jun 2019 18:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B5

Tgt Ion: 75 Resp: 10846
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.6 38.4

