

Data File : VU032576.D
Acq On : 10 Jun 2019 19:39
Operator : JC/SP
Sample : K3277-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B7

Quant Time: Jun 11 05:42:58 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	188114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	175445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60801	49.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.64%		
7) Chloroethane-d5	1.67	69	48799	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.52%		
11) 1,1-Dichloroethene-d2	2.27	63	89102	37.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.58%		
21) 2-Butanone-d5	4.17	46	125800	123.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.17%		
24) Chloroform-d	4.64	84	110787	48.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.34%		
26) 1,2-Dichloroethane-d4	5.30	65	74889	52.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.46%		
32) Benzene-d6	5.33	84	234060	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.78%		
36) 1,2-Dichloropropane-d6	6.32	67	73619	51.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.10%		
41) Toluene-d8	7.56	98	214038	49.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.12%		
43) trans-1,3-Dichloropropene-	7.85	79	33751	49.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.76%		
47) 2-Hexanone-d5	8.31	63	74162	107.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.05%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103259	49.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.80%		
64) 1,2-Dichlorobenzene-d4	11.85	152	88442	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.00%		

Target Compounds

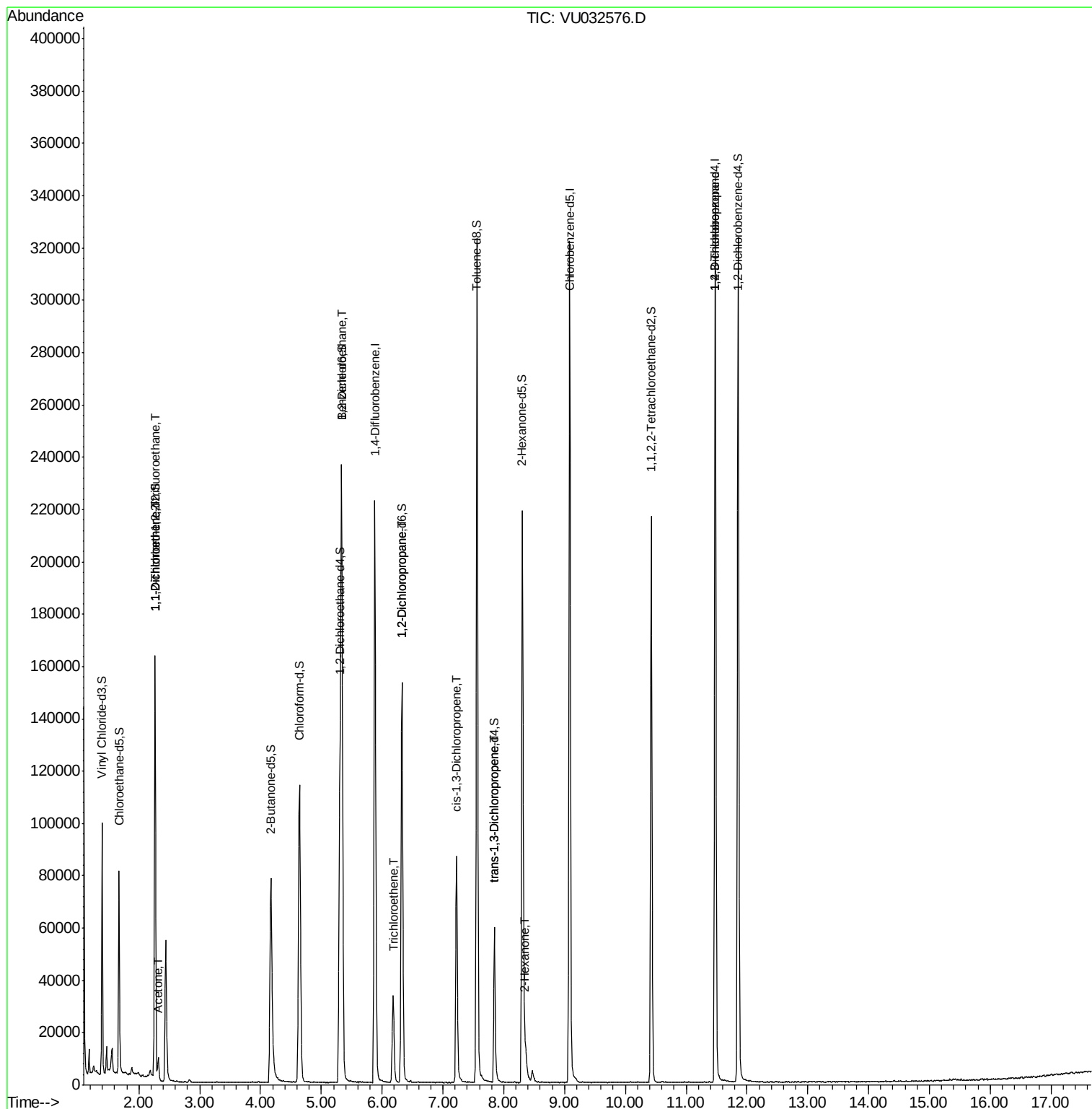
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	781	0.679	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	692	0.620	ug/L #	1
13) Acetone	2.32	43	8117	7.702	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1318	0.733	ug/L #	75
34) Trichloroethene	6.18	95	10119	7.545	ug/L	97
37) 1,2-Dichloropropane	6.32	63	8134	6.225	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2382	1.155	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1491	0.815	ug/L #	69
48) 2-Hexanone	8.36	43	5219	3.023	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	10430	6.140	ug/L #	87

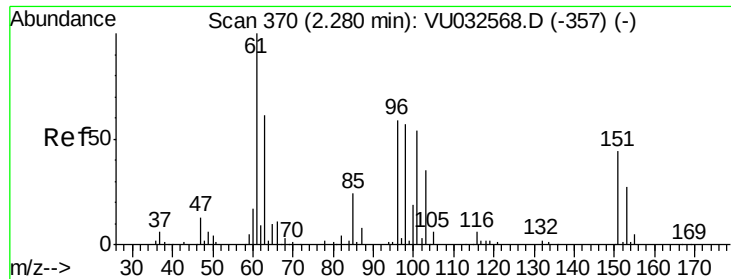
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.679 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

DB8B7

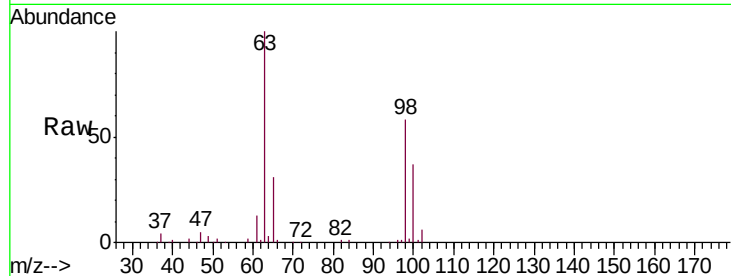
Tgt Ion: 101 Resp: 781

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

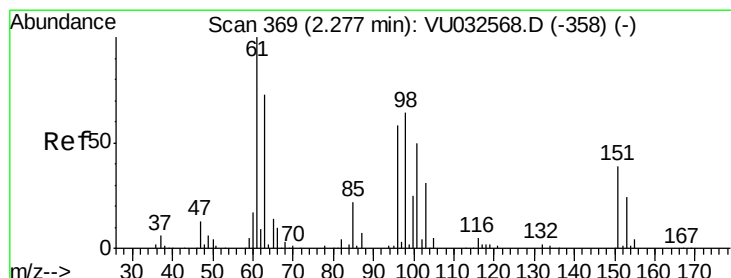
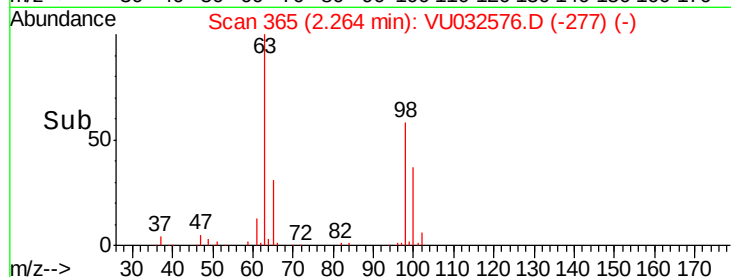
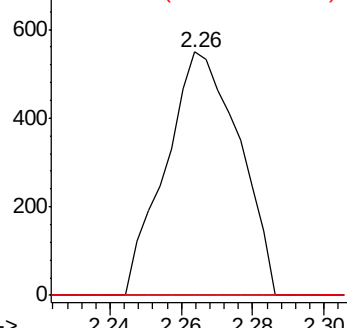
151 0.0 63.0 94.4#



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: 0.620 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032576.D

Acq: 10 Jun 2019 19:39

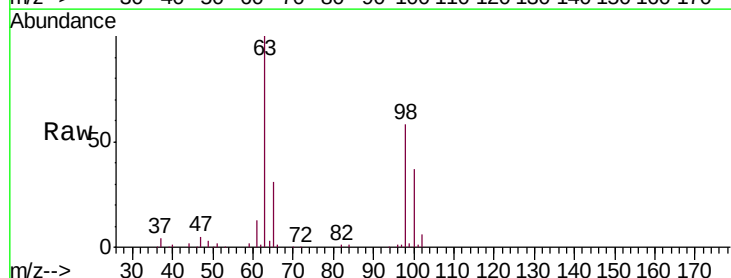
Tgt Ion: 96 Resp: 692

Ion Ratio Lower Upper

96 100

61 1552.5 129.5 240.5#

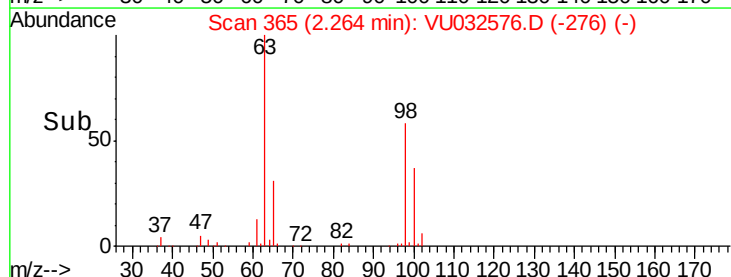
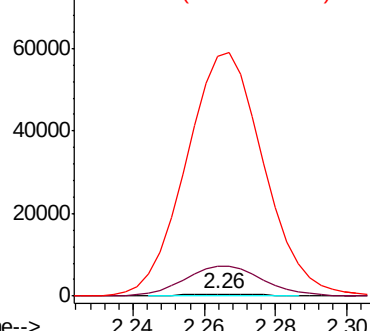
63 12395.7 103.4 192.0#

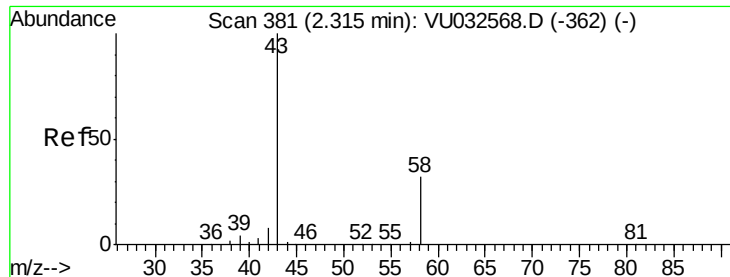


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.702 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032576.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_U

ClientSampled :

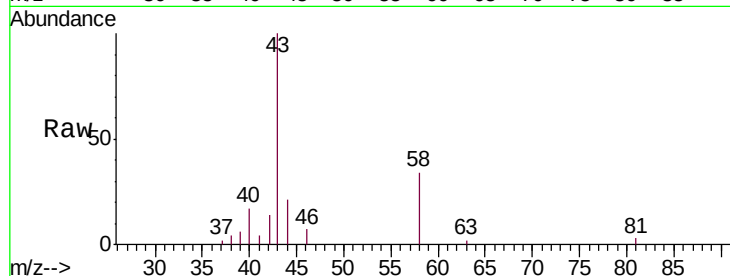
DB8B7

Tgt Ion: 43 Resp: 8117

Ion Ratio Lower Upper

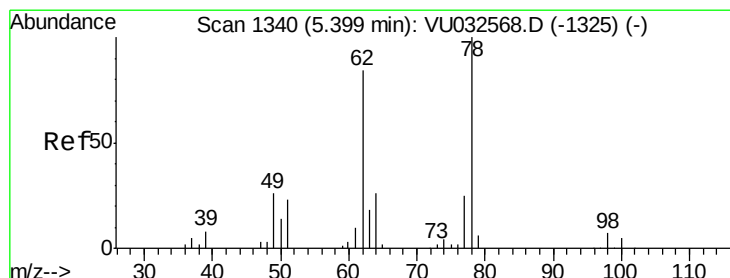
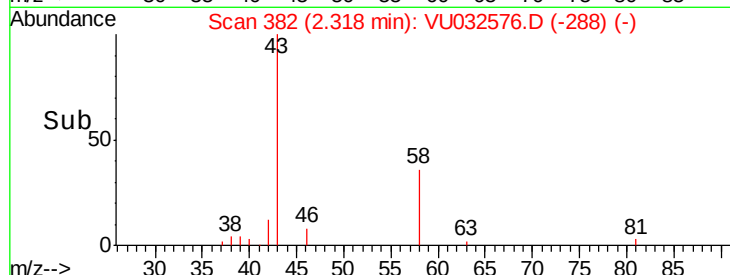
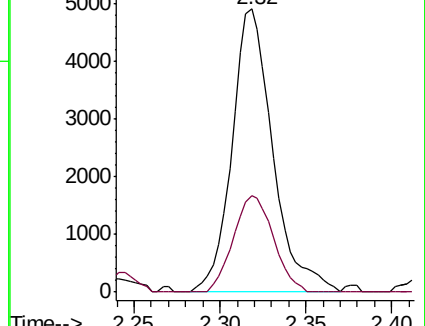
43 100

58 33.4 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: 0.733 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032576.D

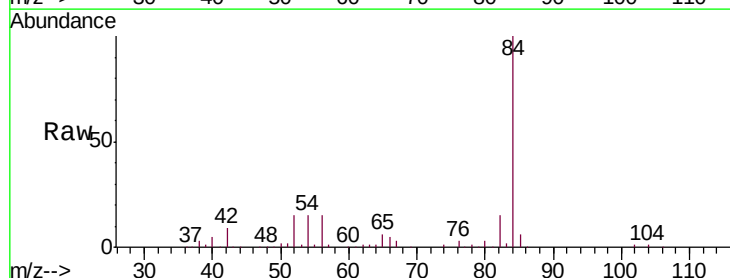
Acq: 10 Jun 2019 19:39

Tgt Ion: 62 Resp: 1318

Ion Ratio Lower Upper

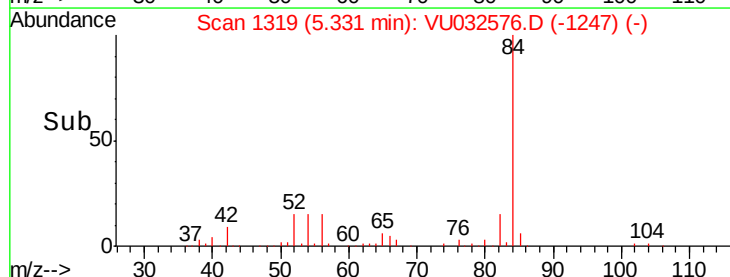
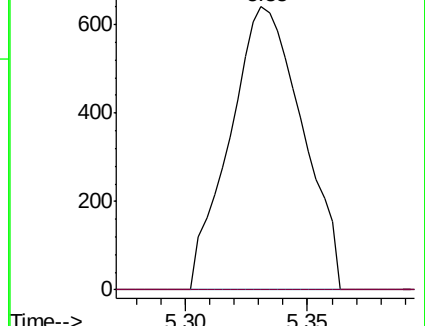
62 100

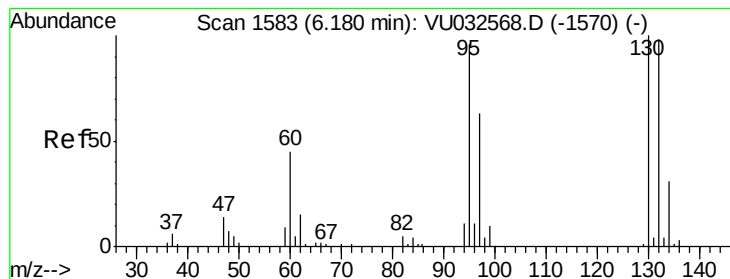
98 0.0 7.2 10.8#



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: 7.545 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032576.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_U

ClientSampleId :

DB8B7

Tgt Ion: 95 Resp: 10119

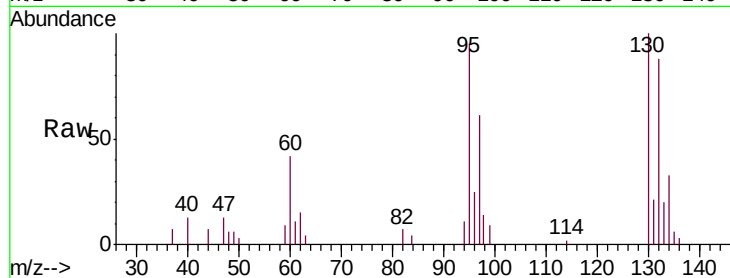
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 93.3 71.0 131.8

130 105.5 73.4 136.2

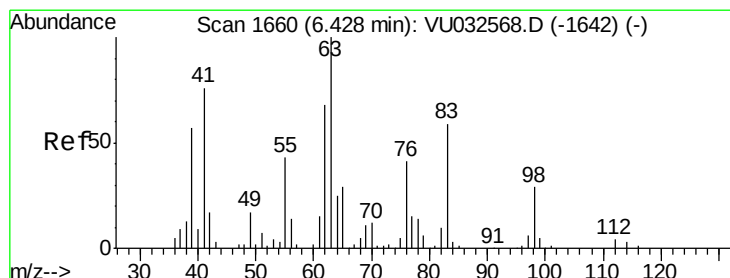
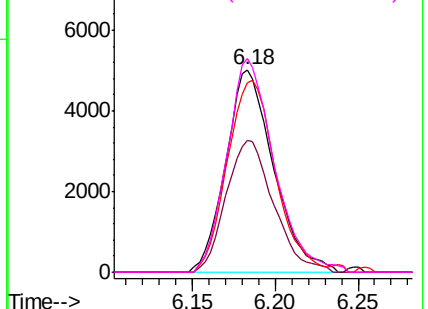
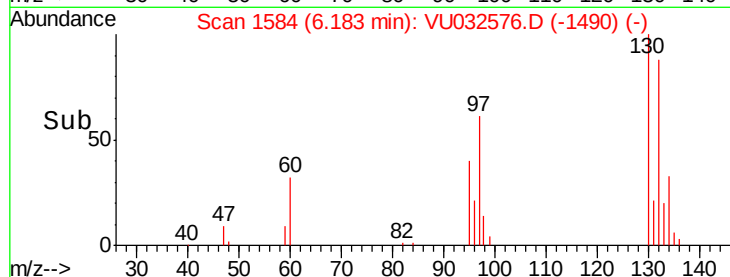


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.225 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032576.D

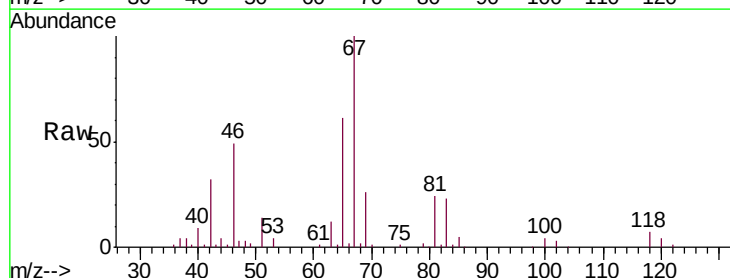
Acq: 10 Jun 2019 19:39

Tgt Ion: 63 Resp: 8134

Ion Ratio Lower Upper

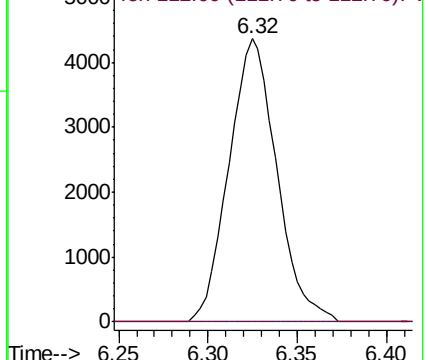
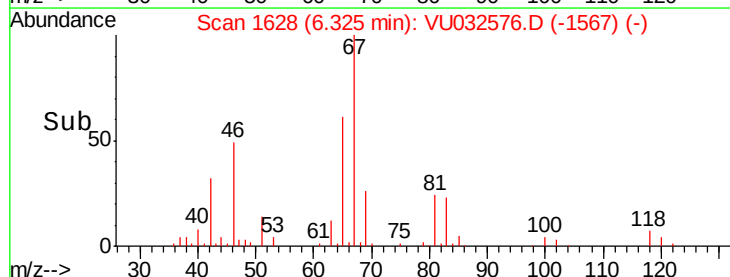
63 100

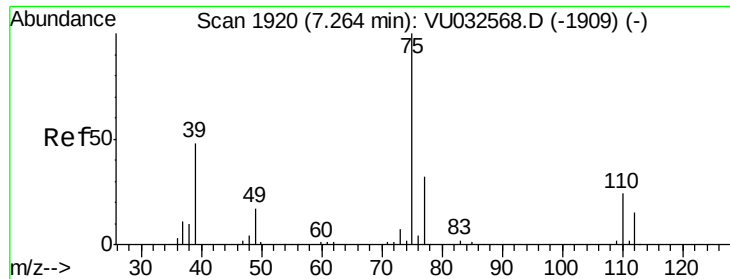
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

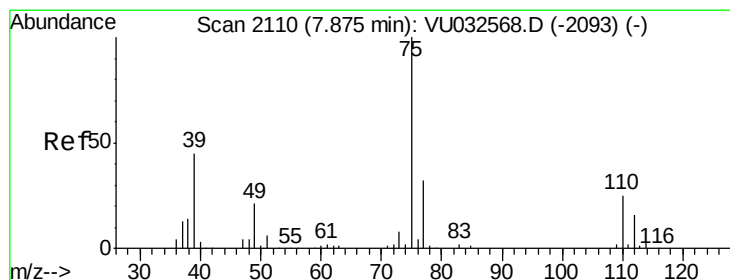
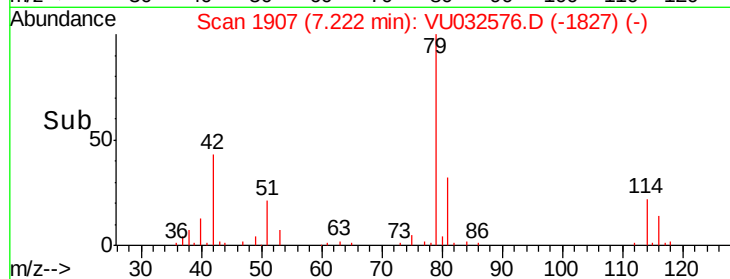
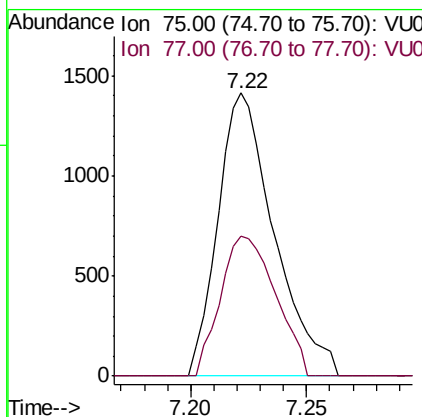
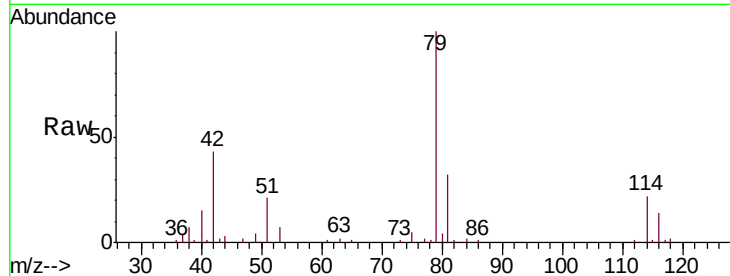




#39
 cis-1,3-Dichloropropene
 Concen: 1.155 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032576.D
 Acq: 10 Jun 2019 19:39

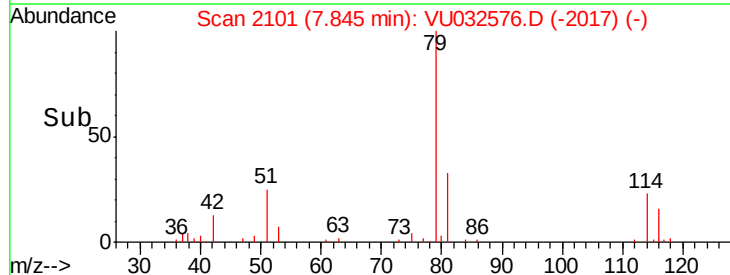
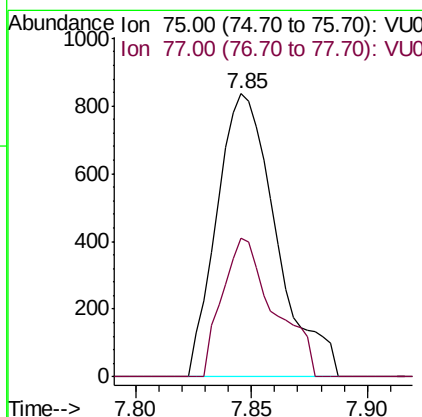
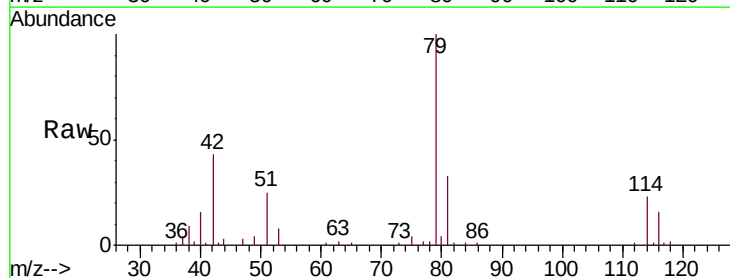
Instrument :
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 ClientSampleId :
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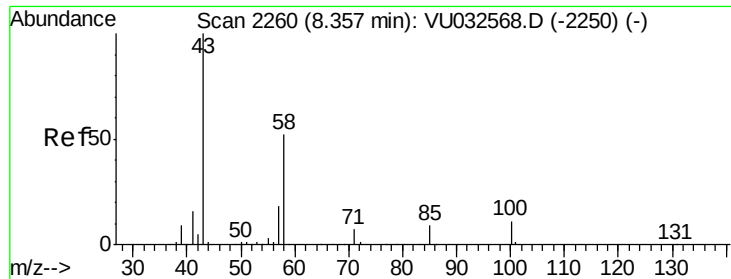
Tgt Ion: 75 Resp: 2382
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.815 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032576.D
 Acq: 10 Jun 2019 19:39

Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.1 41.1#

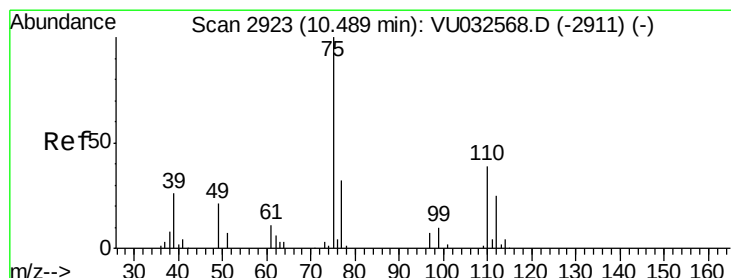
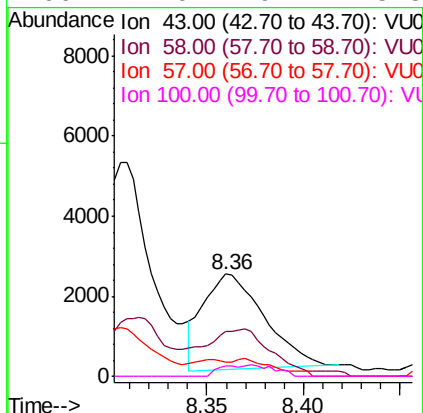
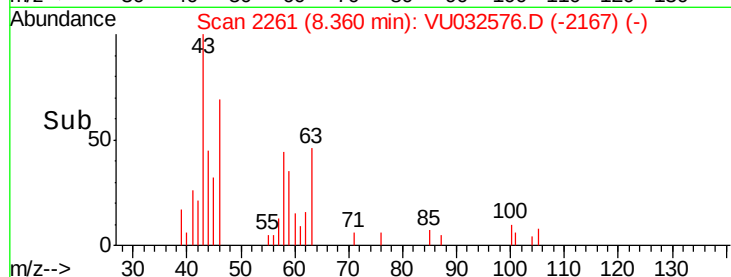
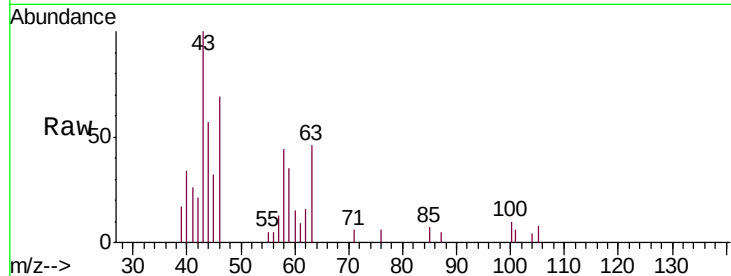




#48
2-Hexanone
Concen: 3.023 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032576.D
Acq: 10 Jun 2019 19:39

Instrument :
MSVOA_U
ClientSampleId :
DB8B7

Tgt Ion: 43 Resp: 5219
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 9.6 14.6 22.0#
100 4.0 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.140 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032576.D
Acq: 10 Jun 2019 19:39

Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
77 39.1 25.6 38.4#

