

Data File : VU032612.D
Acq On : 11 Jun 2019 16:08
Operator : JC/SP
Sample : VU0611WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: Jun 12 07:31:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	167075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53822	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.78%
7) Chloroethane-d5	1.68	69	43755	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.88%
11) 1,1-Dichloroethene-d2	2.27	63	81244	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.17	46	95415	99.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.64	84	103511	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.30	65	68472	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.33	84	210436	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.32	67	66270	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.56	98	194856	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%
43) trans-1,3-Dichloropropene-	7.85	79	30198	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.31	63	52620	79.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96044	48.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	81486	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

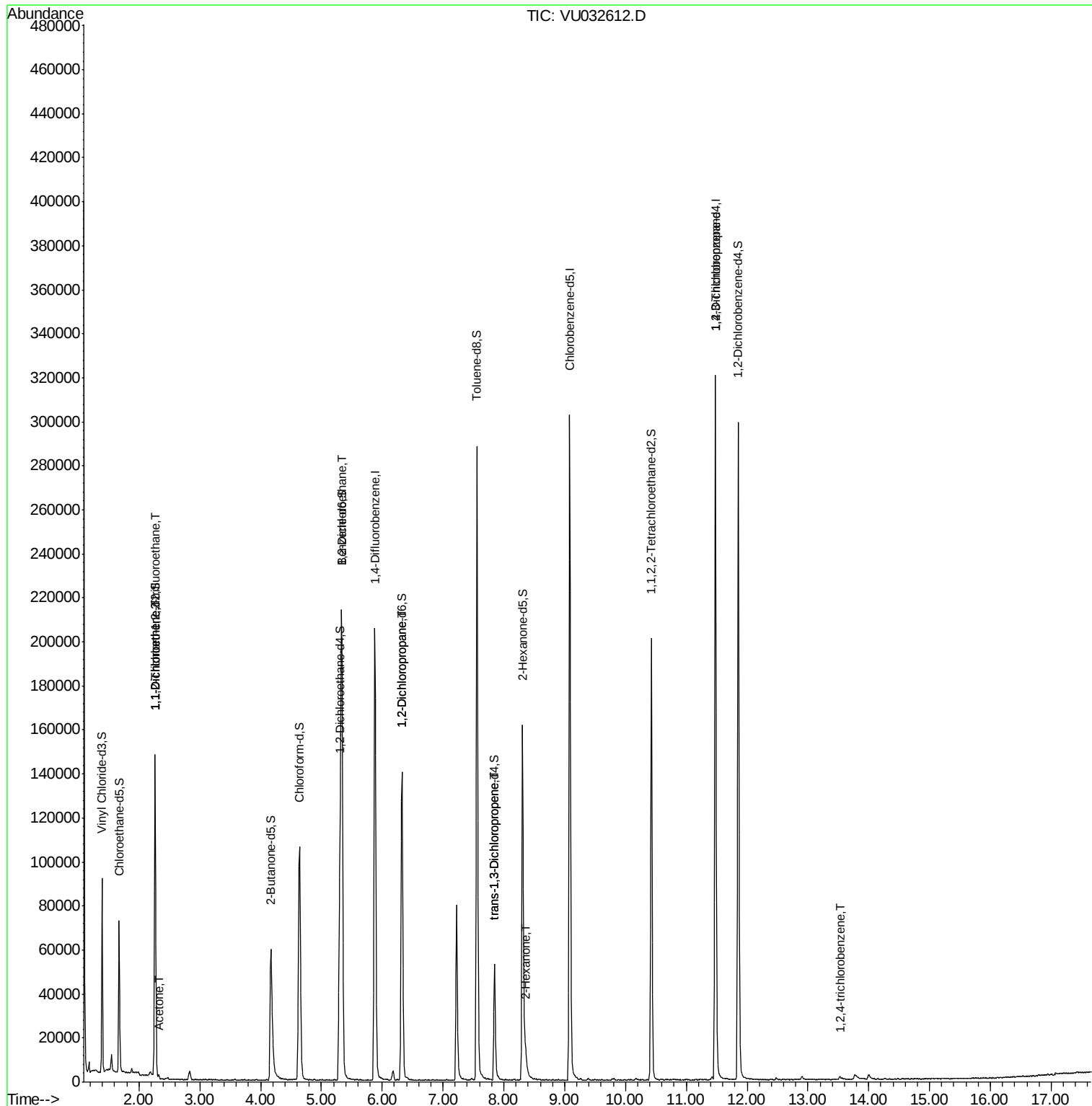
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	683	0.632	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	607	0.578	ug/L #	1
13) Acetone	2.32	43	641	0.647	ug/L #	43
27) 1,2-Dichloroethane	5.33	62	1270	0.751	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7602	6.109	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1398	0.802	ug/L #	76
48) 2-Hexanone	8.36	43	4678	2.845	ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	10506	6.495	ug/L	96
68) 1,2,4-trichlorobenzene	13.53	180	820	0.475	ug/L #	45

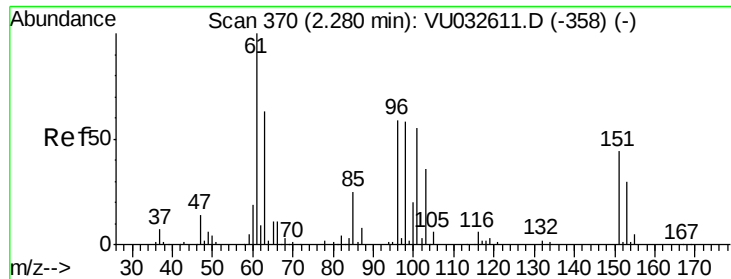
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.632 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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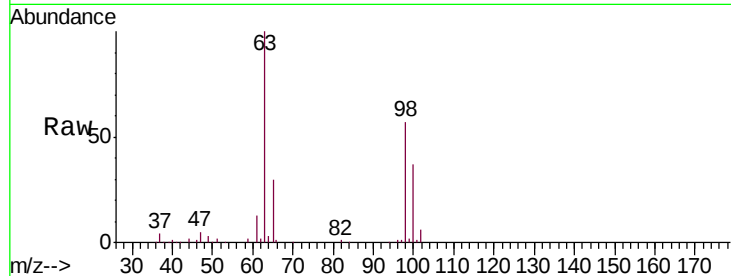
Tgt Ion: 101 Resp: 683

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

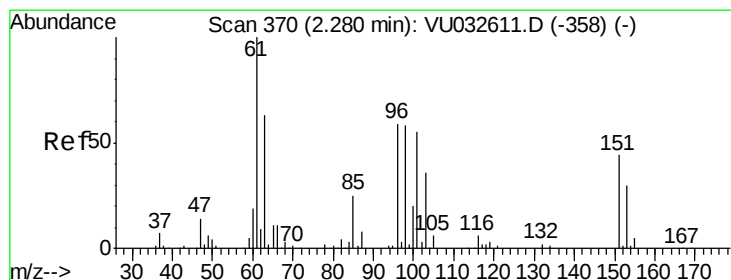
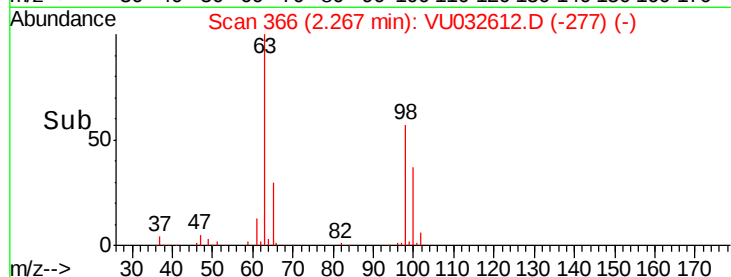
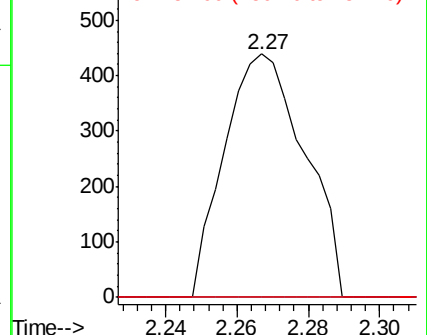
151 0.0 63.0 94.4#



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: 0.578 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032612.D

Acq: 11 Jun 2019 16:08

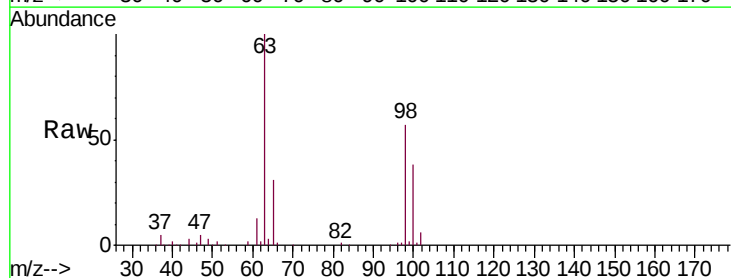
Tgt Ion: 96 Resp: 607

Ion Ratio Lower Upper

96 100

61 1554.0 129.5 240.5#

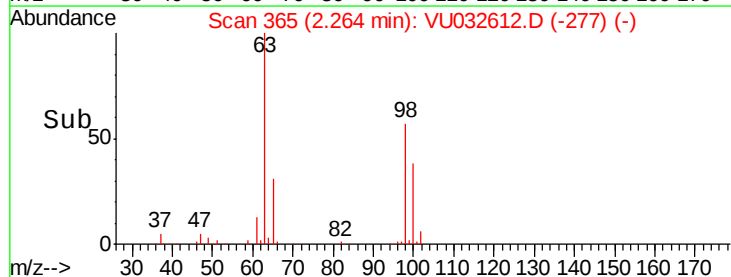
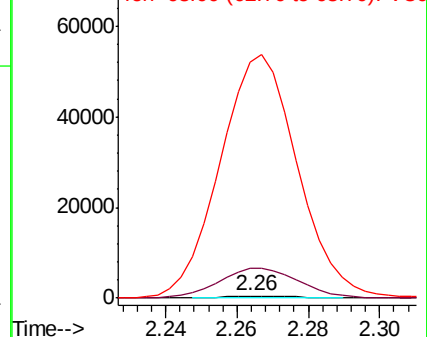
63 12269.8 103.4 192.0#

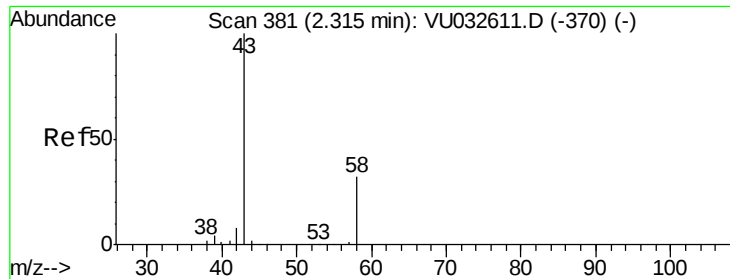


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.647 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Acq: 11 Jun 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

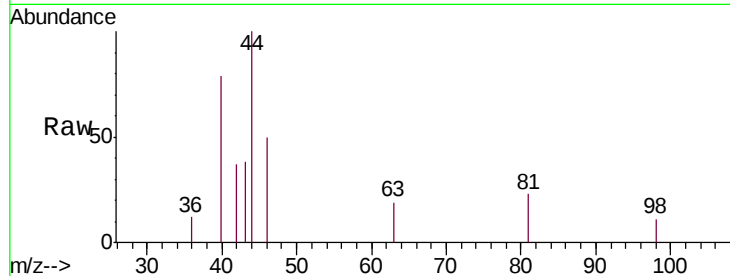
VBLK57

Tgt Ion: 43 Resp: 641

Ion Ratio Lower Upper

43 100

58 0.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032611.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032611.D (-370) (-)

2.32

300

200

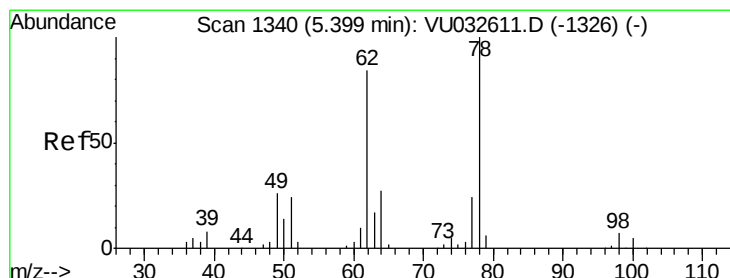
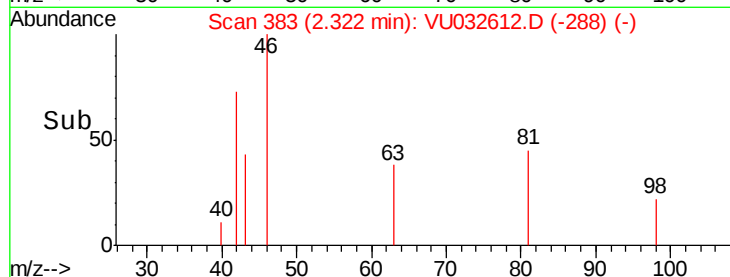
100

0

2.30

2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.751 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032612.D

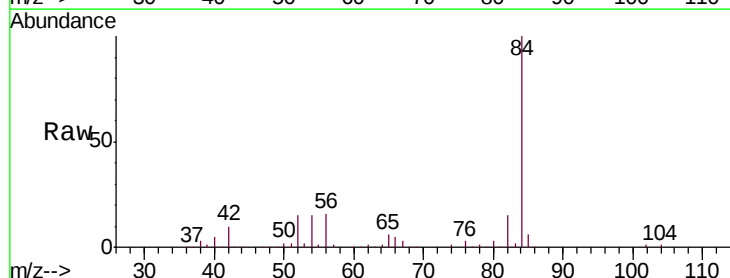
Acq: 11 Jun 2019 16:08

Tgt Ion: 62 Resp: 1270

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032611.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032611.D (-1326) (-)

5.33

600

400

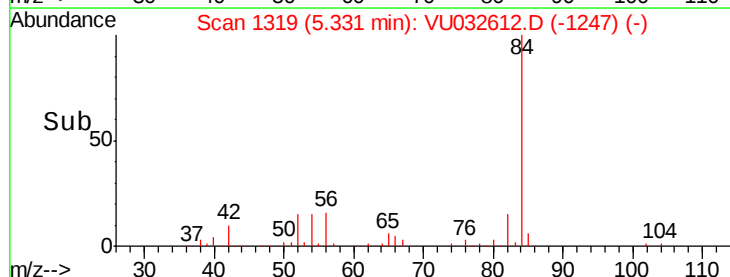
200

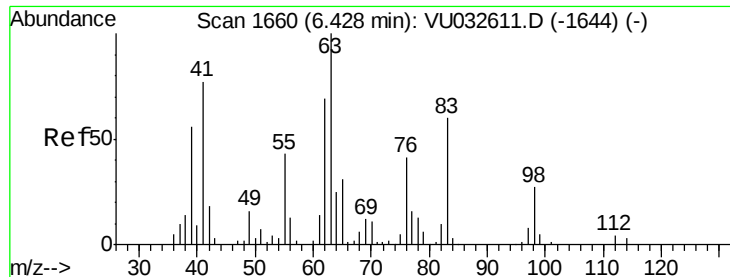
0

5.30

5.35

Time-->

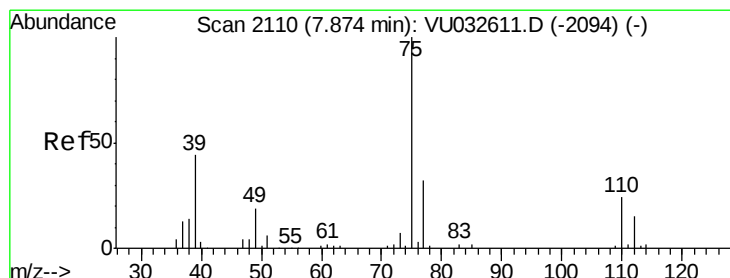
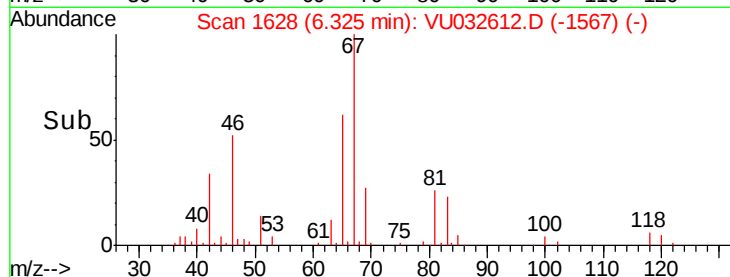
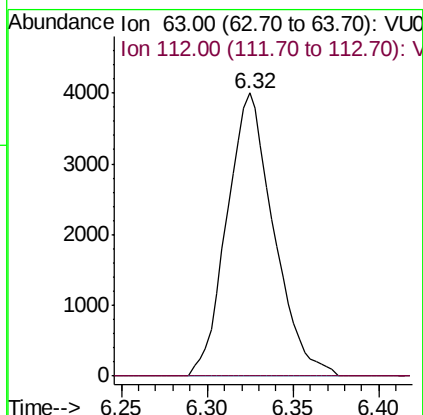
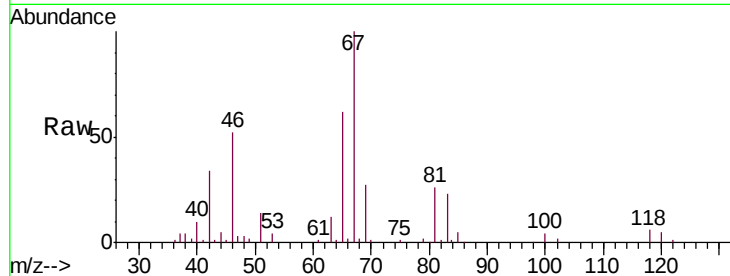




#37
 1,2-Dichloropropane
 Concen: 6.109 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032612.D
 Acq: 11 Jun 2019 16:08

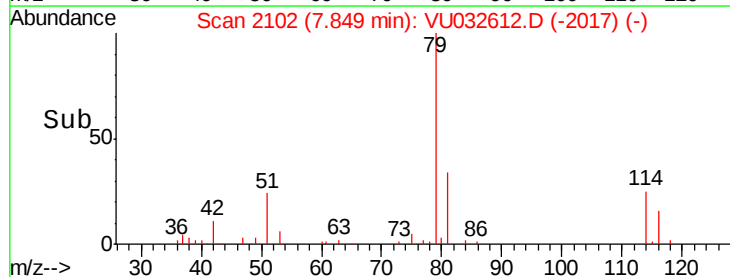
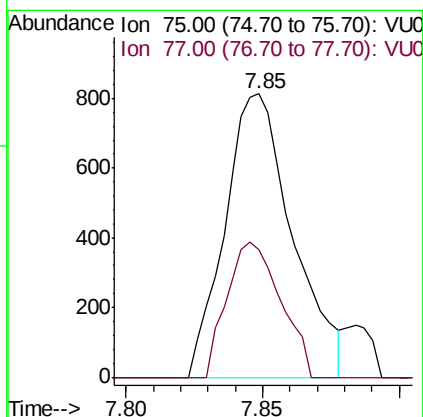
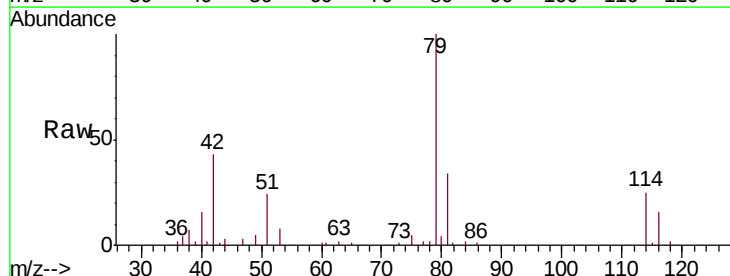
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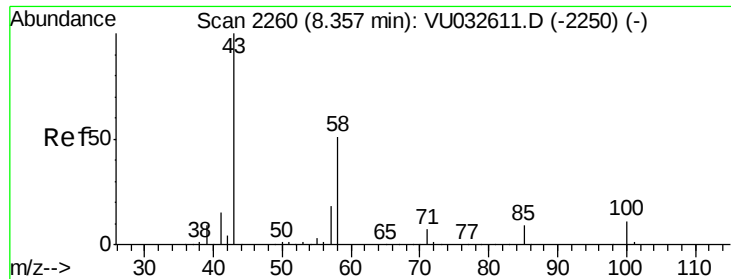
Tgt Ion: 63 Resp: 7602
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.802 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032612.D
 Acq: 11 Jun 2019 16:08

Tgt Ion: 75 Resp: 1398
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.1 41.1#

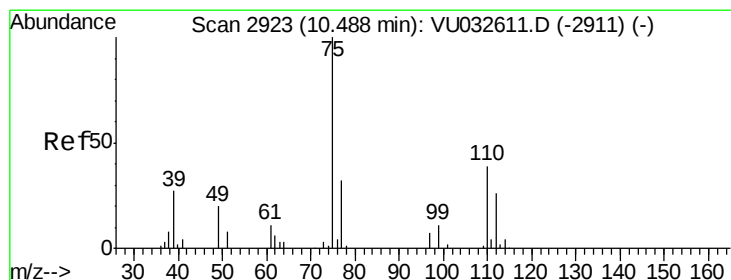
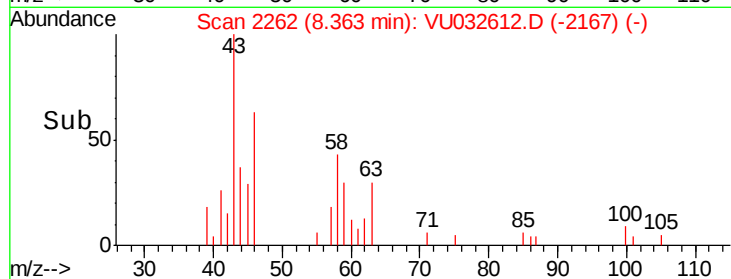
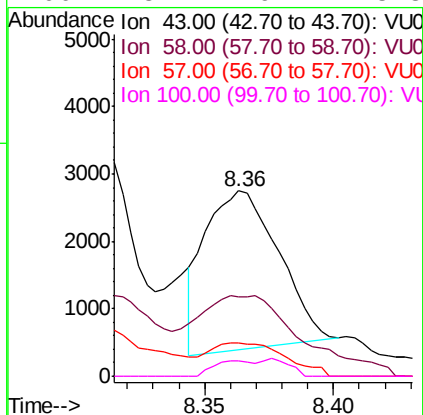
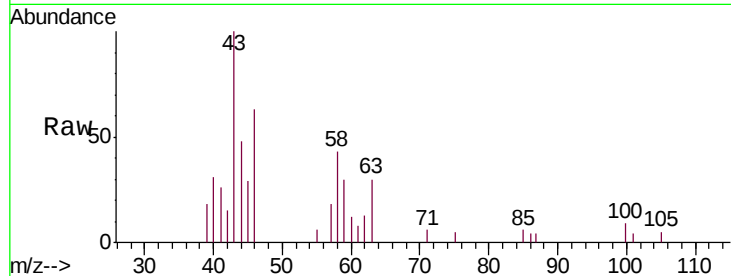




#48
2-Hexanone
Concen: 2.845 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032612.D
Acq: 11 Jun 2019 16:08

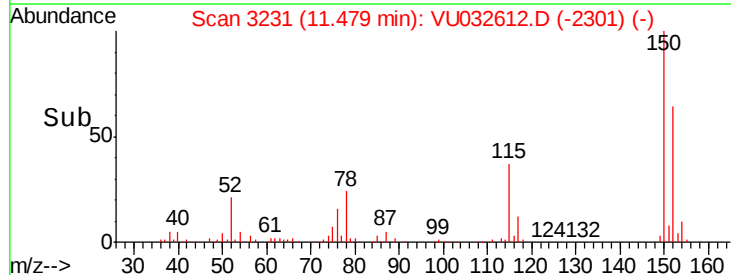
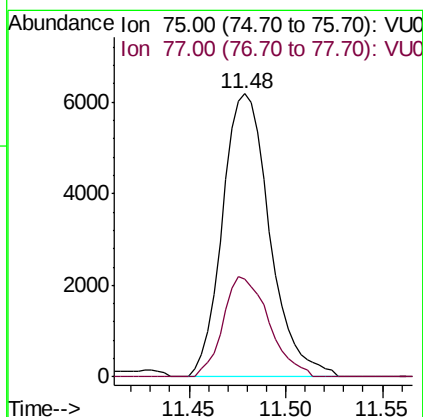
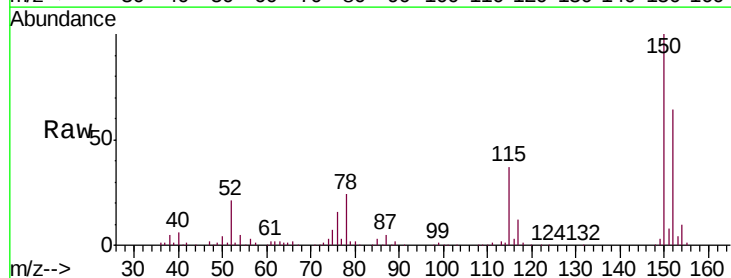
Instrument :
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ClientSampleId :
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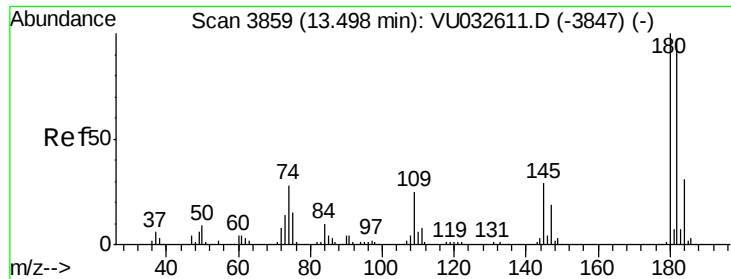
Tgt Ion: 43 Resp: 4678
Ion Ratio Lower Upper
43 100
58 11.2 42.0 63.0#
57 14.9 14.6 22.0
100 5.4 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.495 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032612.D
Acq: 11 Jun 2019 16:08

Tgt Ion: 75 Resp: 10506
Ion Ratio Lower Upper
75 100
77 34.3 25.6 38.4





#68

1,2,4-trichlorobenzene

Concen: 0.475 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.03 min

Lab File: VU032612.D

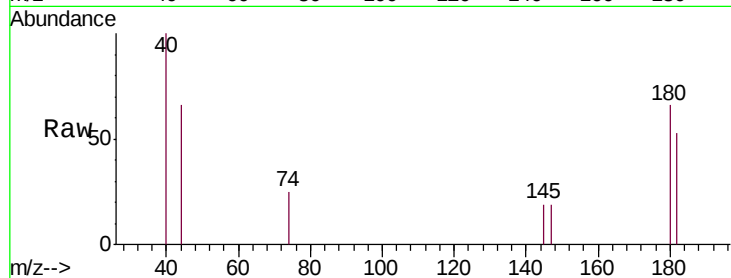
Acq: 11 Jun 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK57



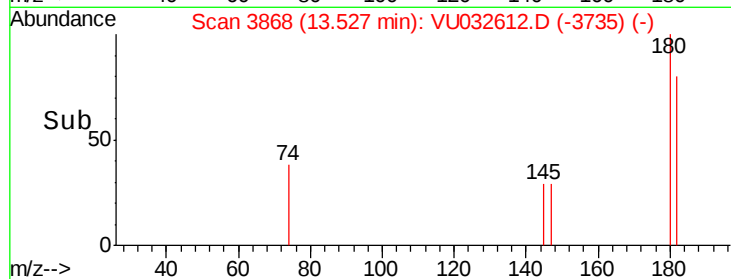
Tgt Ion:180 Resp: 820

Ion Ratio Lower Upper

180 100

182 35.2 76.5 114.7#

145 12.0 23.8 35.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

