

Data File : VU032531.D
Acq On : 07 Jun 2019 10:23
Operator : JC/SP
Sample : VU0607WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Quant Time: Jun 07 22:22:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59540	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.68	69	51022	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.27	63	90093	32.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.58%
21) 2-Butanone-d5	4.17	46	117424	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.64	84	120632	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
26) 1,2-Dichloroethane-d4	5.30	65	79953	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.33	84	250138	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
36) 1,2-Dichloropropane-d6	6.32	67	79245	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	232443	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.85	79	36744	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.31	63	77321	97.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113230	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	97304	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

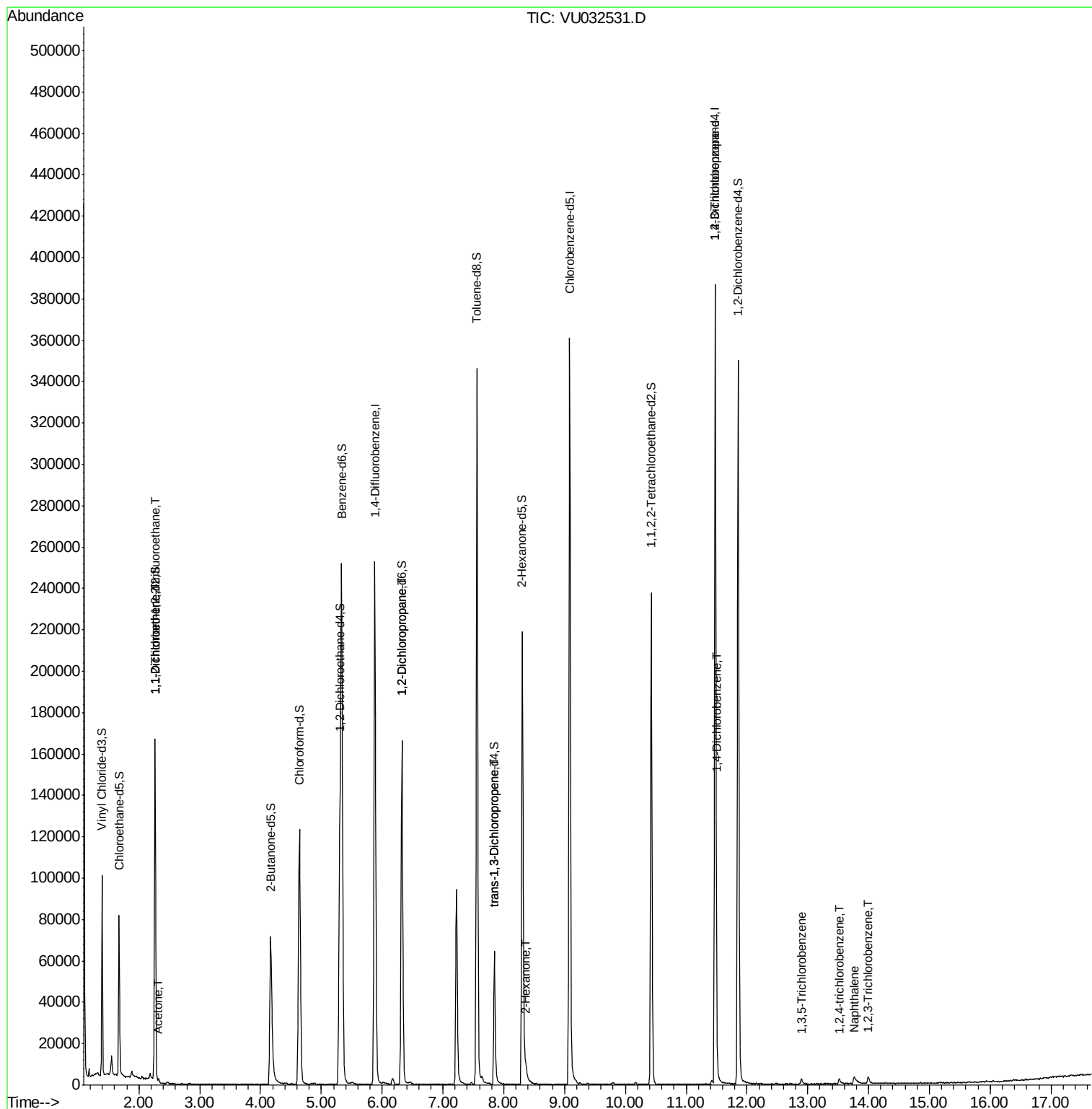
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	773	0.585	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	829	0.646	ug/L #	1
13) Acetone	2.32	43	743	0.613	ug/L	64
37) 1,2-Dichloropropane	6.32	63	8833	5.889	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1765	0.840	ug/L	92
48) 2-Hexanone	8.36	43	3789	1.912	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	12627	6.476	ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	1733	0.545	ug/L	93
67) 1,3,5-Trichlorobenzene	12.90	180	1467	0.606	ug/L #	79
68) 1,2,4-trichlorobenzene	13.52	180	970	0.473	ug/L #	57
69) Naphthalene	13.76	128	6516	1.007	ug/L #	73
70) 1,2,3-Trichlorobenzene	14.00	180	1121	0.525	ug/L #	79

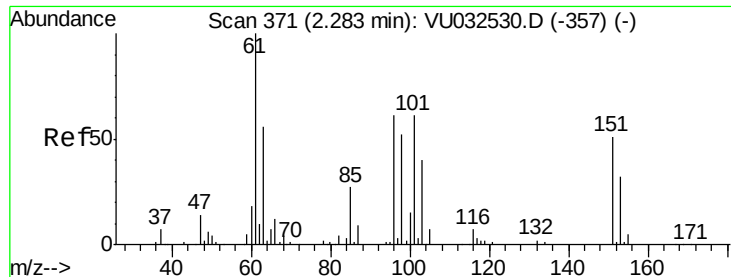
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 22:19:39 2019
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#10

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

Concen: 0.585 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK52

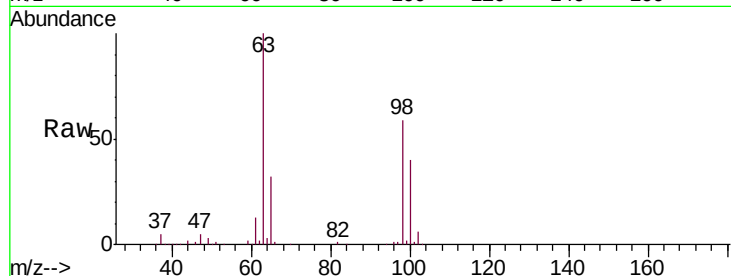
Tgt Ion: 101 Resp: 773

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

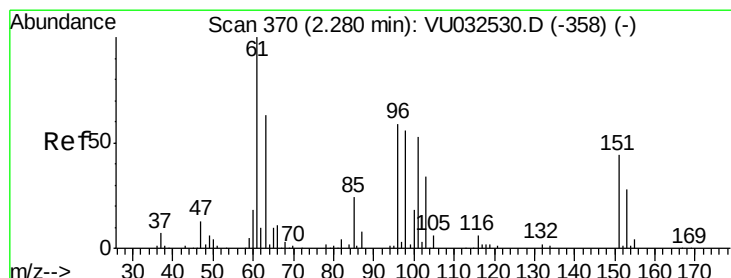
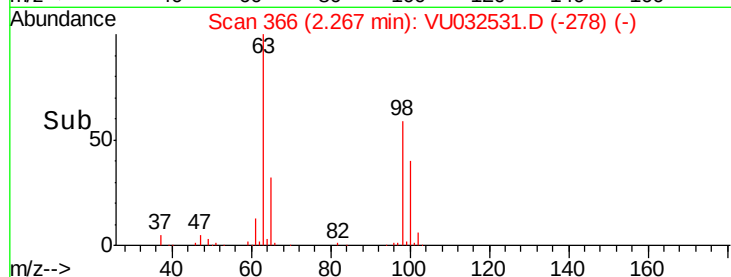
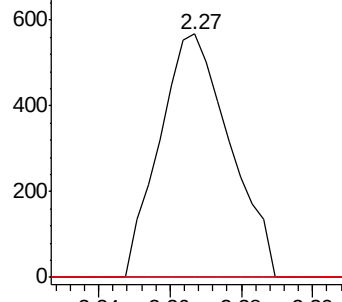
151 0.0 63.0 94.4#



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: 0.646 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

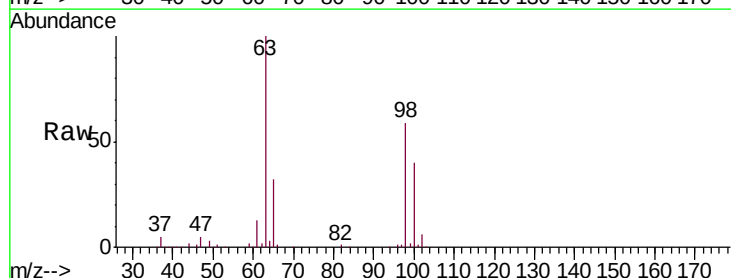
Tgt Ion: 96 Resp: 829

Ion Ratio Lower Upper

96 100

61 1397.7 129.5 240.5#

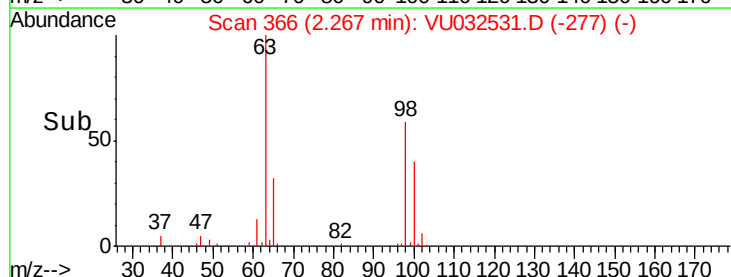
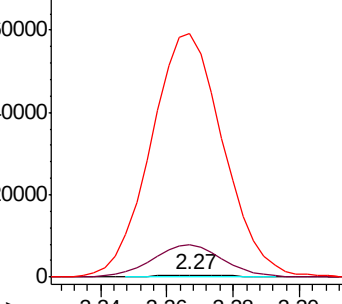
63 10549.7 103.4 192.0#

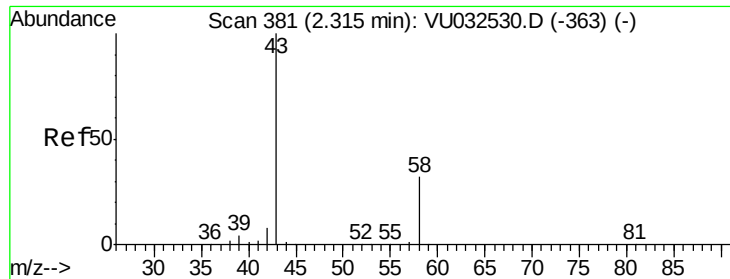


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

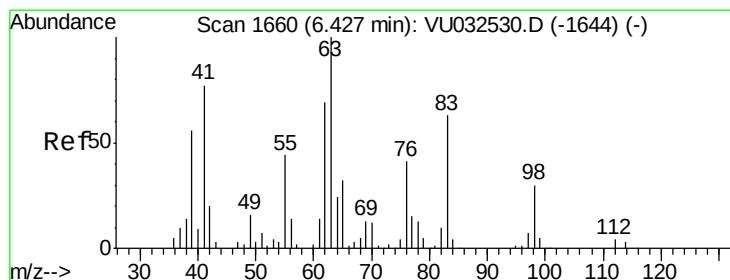
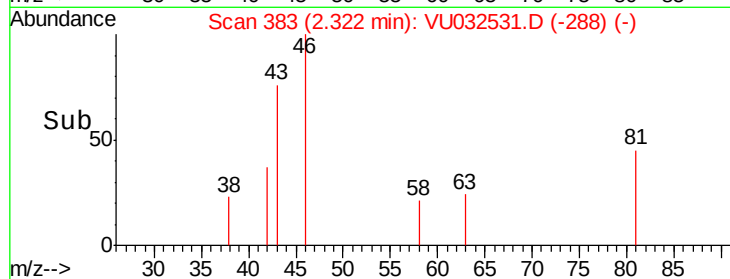
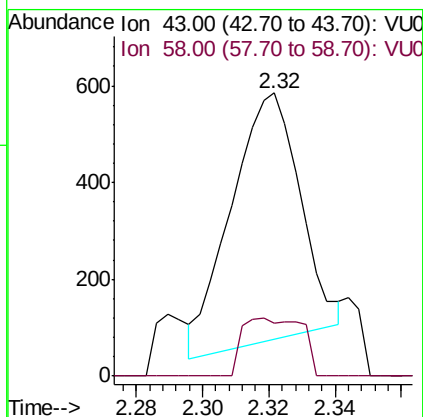
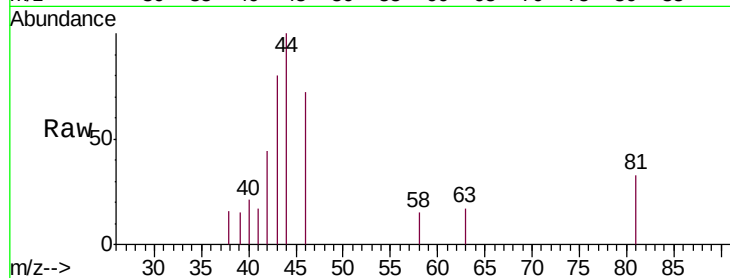




#13
Acetone
Concen: 0.613 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032531.D
Acq: 07 Jun 2019 10:23

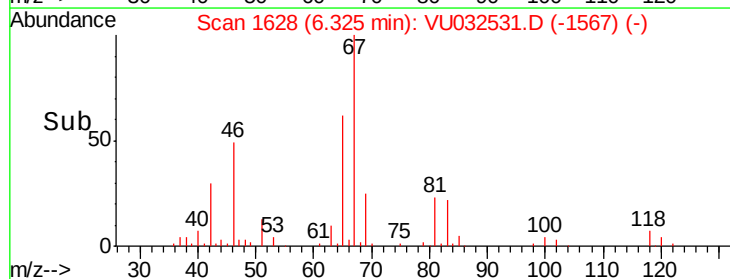
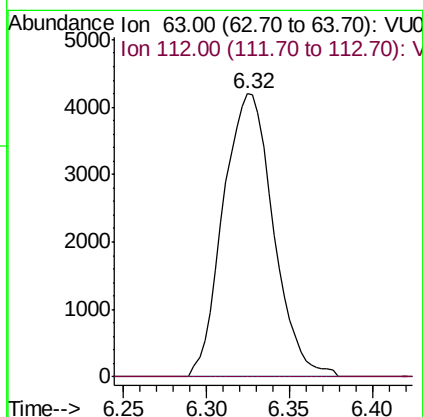
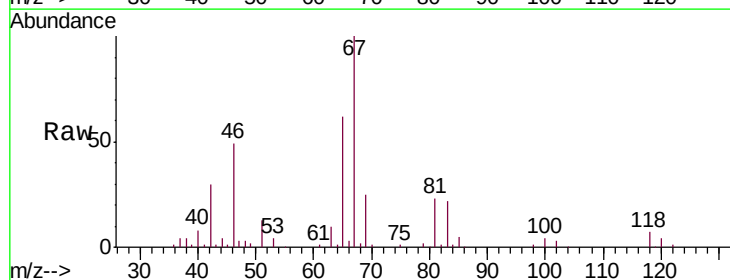
Instrument :
MSVOA_U
ClientSampleId :
VBLK52

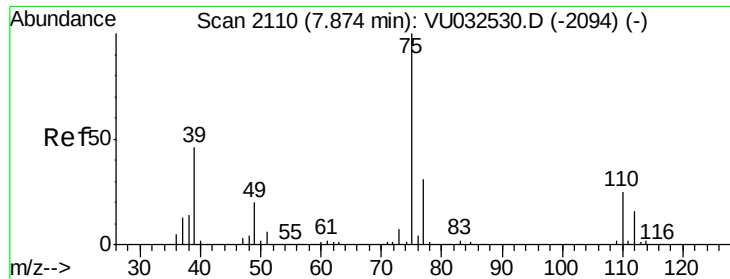
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 11.7 0.0 64.0



#37
1,2-Dichloropropane
Concen: 5.889 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032531.D
Acq: 07 Jun 2019 10:23

Tgt Ion: 63 Resp: 8833
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#44

trans-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

Instrument :

MSVOA_U

ClientSampled :

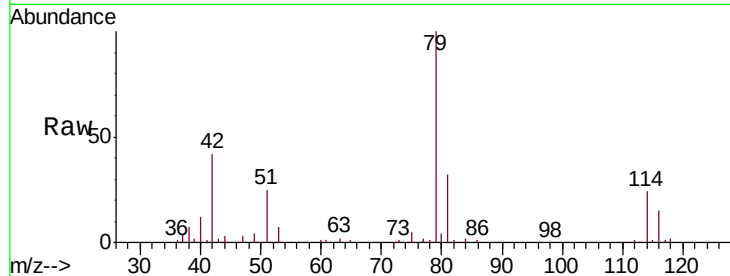
VBLK52

Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

77 36.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032531.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032531.D (-2101) (-)

7.85

1000

800

600

400

200

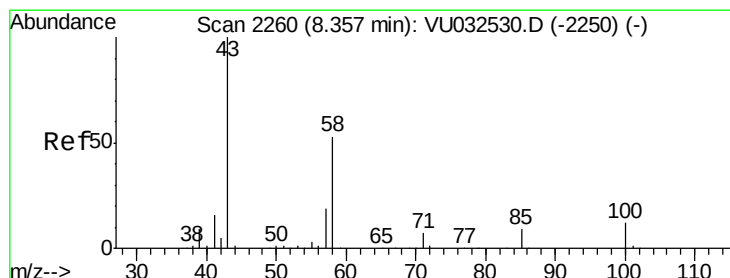
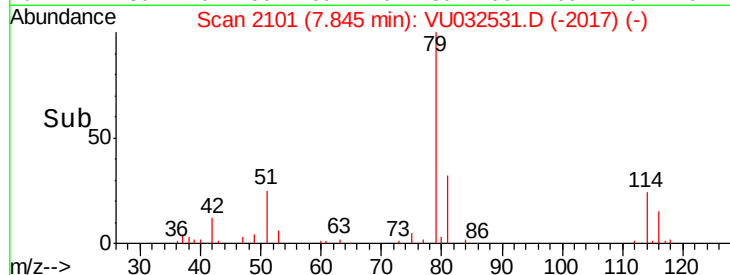
0

7.80

7.85

7.90

Time-->



#48

2-Hexanone

Concen: 1.912 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

Tgt Ion: 43 Resp: 3789

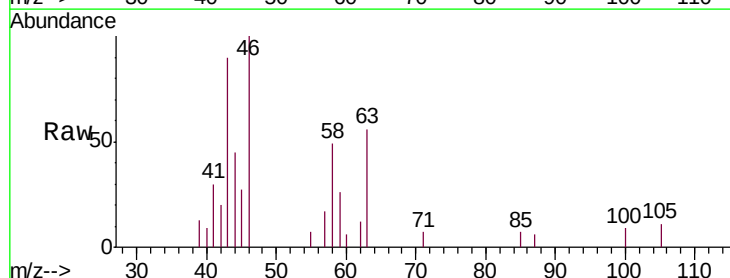
Ion Ratio Lower Upper

43 100

58 43.2 42.0 63.0

57 16.5 14.6 22.0

100 5.7 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU032531.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU032531.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU032531.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU032531.D (-2167) (-)

8.36

8000

6000

4000

2000

0

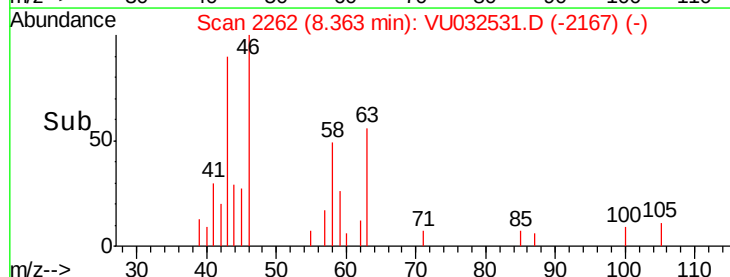
8.30

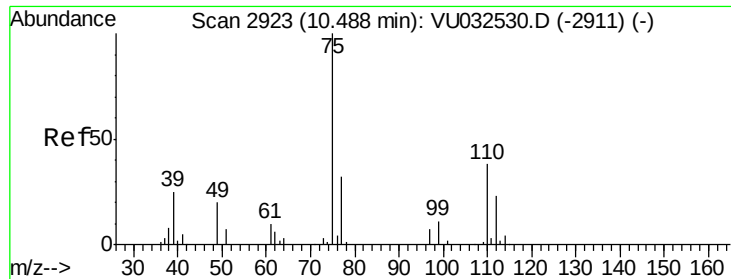
8.35

8.40

8.45

Time-->

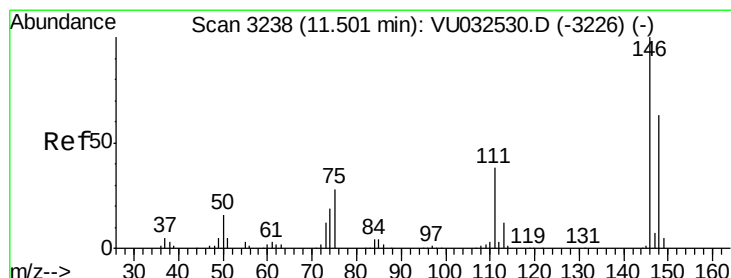
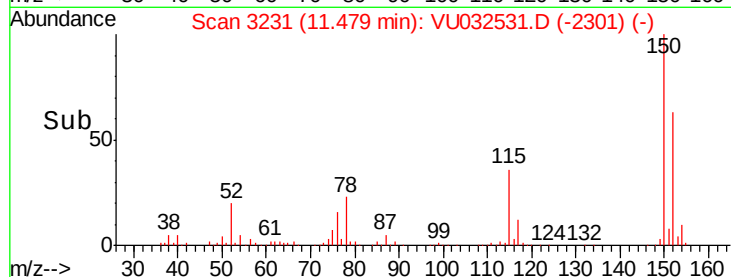
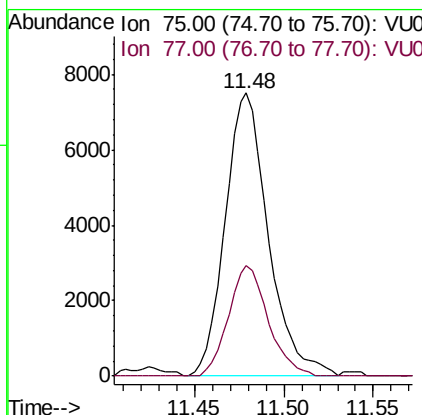
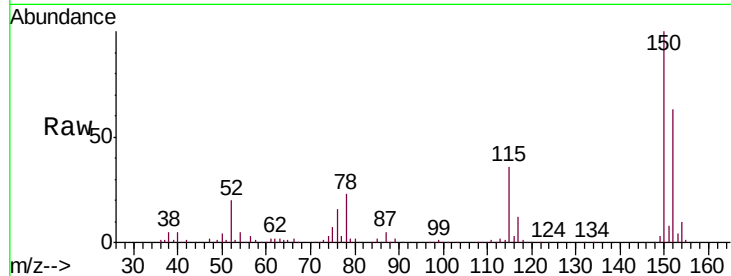




#59
 1,2,3-Trichloropropane
 Concen: 6.476 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032531.D
 Acq: 07 Jun 2019 10:23

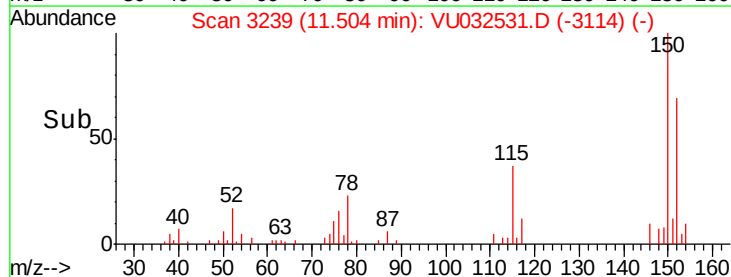
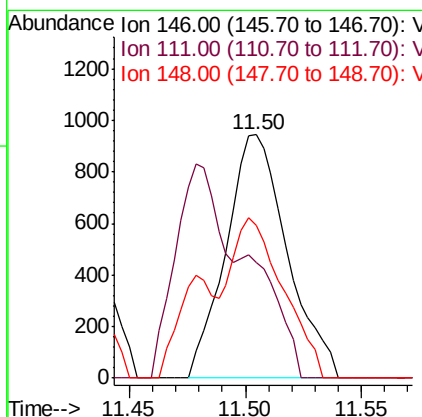
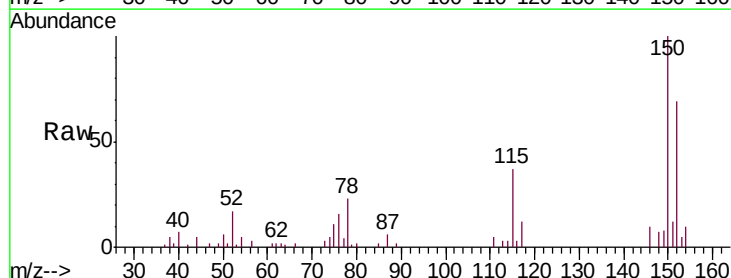
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

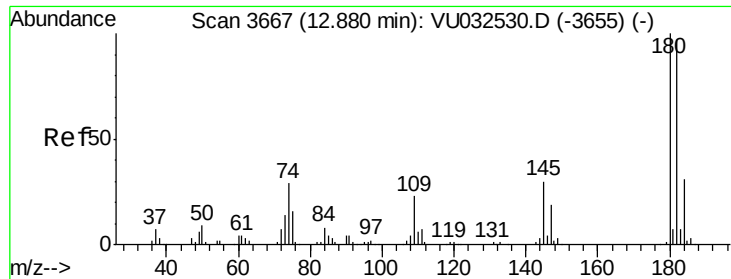
Tgt Ion: 75 Resp: 12627
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.6 38.4



#63
 1,4-Dichlorobenzene
 Concen: 0.545 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU032531.D
 Acq: 07 Jun 2019 10:23

Tgt Ion: 146 Resp: 1733
 Ion Ratio Lower Upper
 146 100
 111 47.8 26.6 49.4
 148 62.8 44.9 83.5

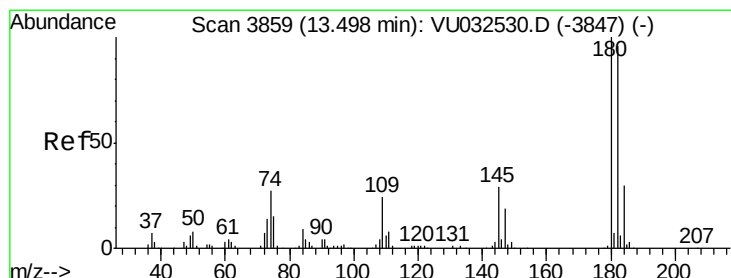
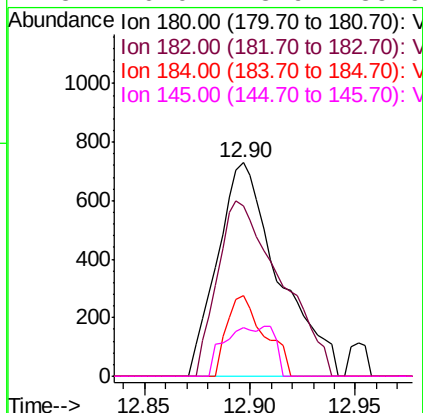
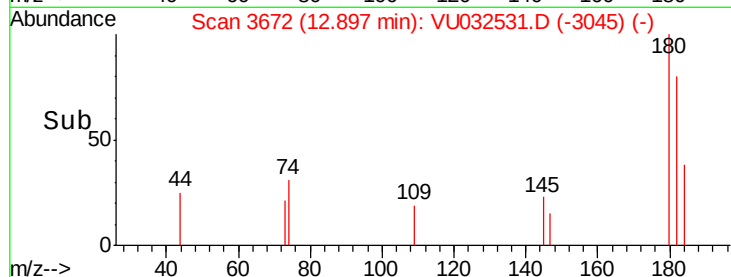
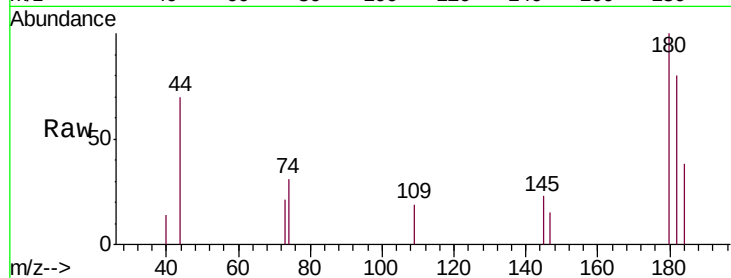




#67
 1,3,5-Trichlorobenzene
 Concen: 0.606 ug/L
 RT: 12.90 min Scan# 3672
 Delta R.T. 0.02 min
 Lab File: VU032531.D
 Acq: 07 Jun 2019 10:23

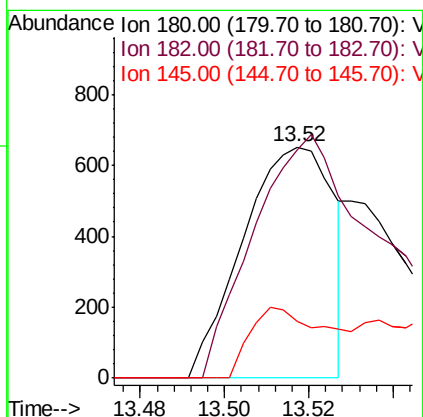
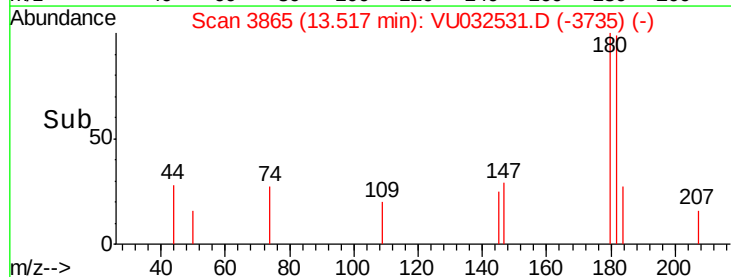
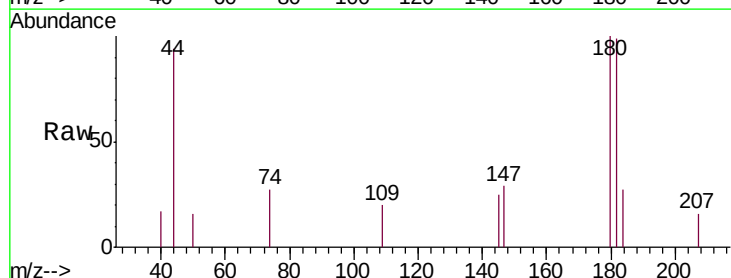
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

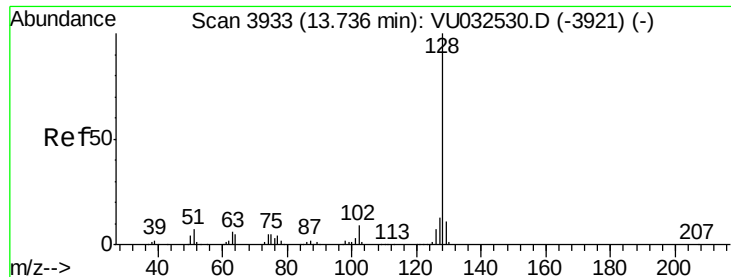
Tgt Ion:180 Resp: 1467
 Ion Ratio Lower Upper
 180 100
 182 85.3 78.2 117.4
 184 23.0 24.2 36.2#
 145 0.0 23.9 35.9#



#68
 1,2,4-trichlorobenzene
 Concen: 0.473 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU032531.D
 Acq: 07 Jun 2019 10:23

Tgt Ion:180 Resp: 970
 Ion Ratio Lower Upper
 180 100
 182 149.5 76.5 114.7#
 145 27.2 23.8 35.6





#69

Naphthalene

Concen: 1.007 ug/L

RT: 13.76 min Scan# 3942

Delta R.T. 0.03 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK52

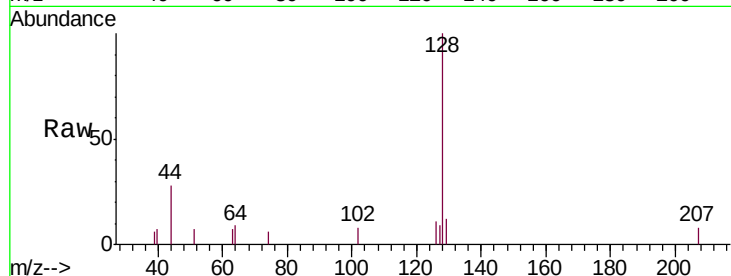
Tgt Ion:128 Resp: 6516

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

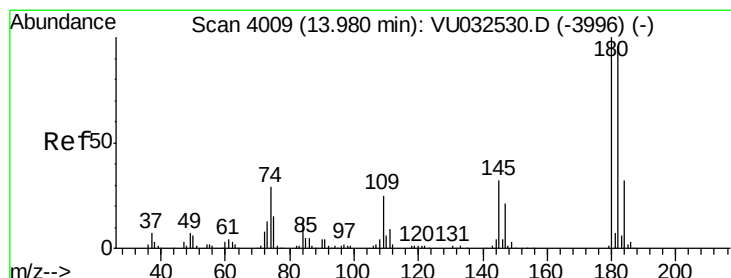
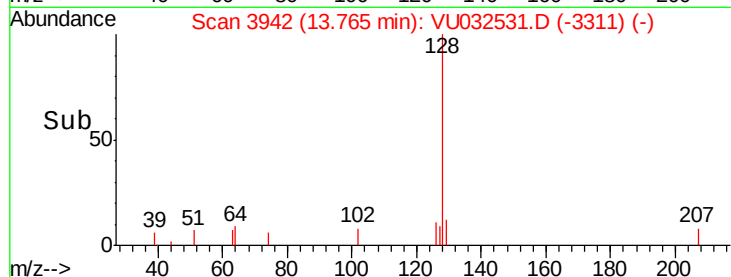
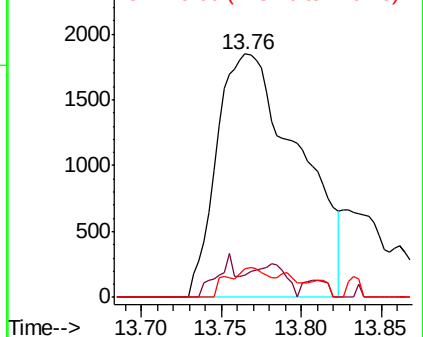
129 3.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

2500 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.525 ug/L

RT: 14.00 min Scan# 4014

Delta R.T. 0.02 min

Lab File: VU032531.D

Acq: 07 Jun 2019 10:23

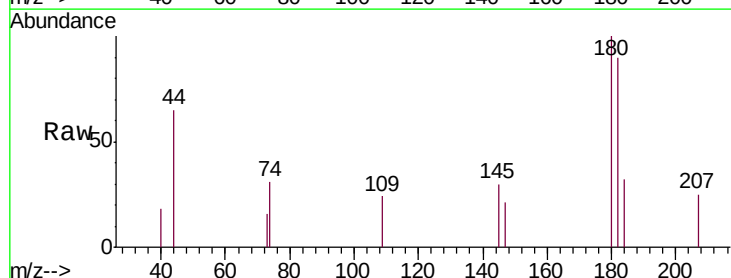
Tgt Ion:180 Resp: 1121

Ion Ratio Lower Upper

180 100

182 79.1 76.7 115.1

145 13.6 25.4 38.2#



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

