

Data File : VU032468.D
Acq On : 05 Jun 2019 18:11
Operator : JC/SP
Sample : K3215-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K9

Quant Time: Jun 06 04:08:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198457	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51630	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.68	69	45491	40.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.27	63	80934	29.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.04%#
21) 2-Butanone-d5	4.17	46	109825	93.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	4.64	84	115242	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.30	65	77159	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.33	84	241092	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.32	67	77296	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.56	98	232187	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.85	79	36363	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
47) 2-Hexanone-d5	8.31	63	77477	98.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112231	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	96619	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

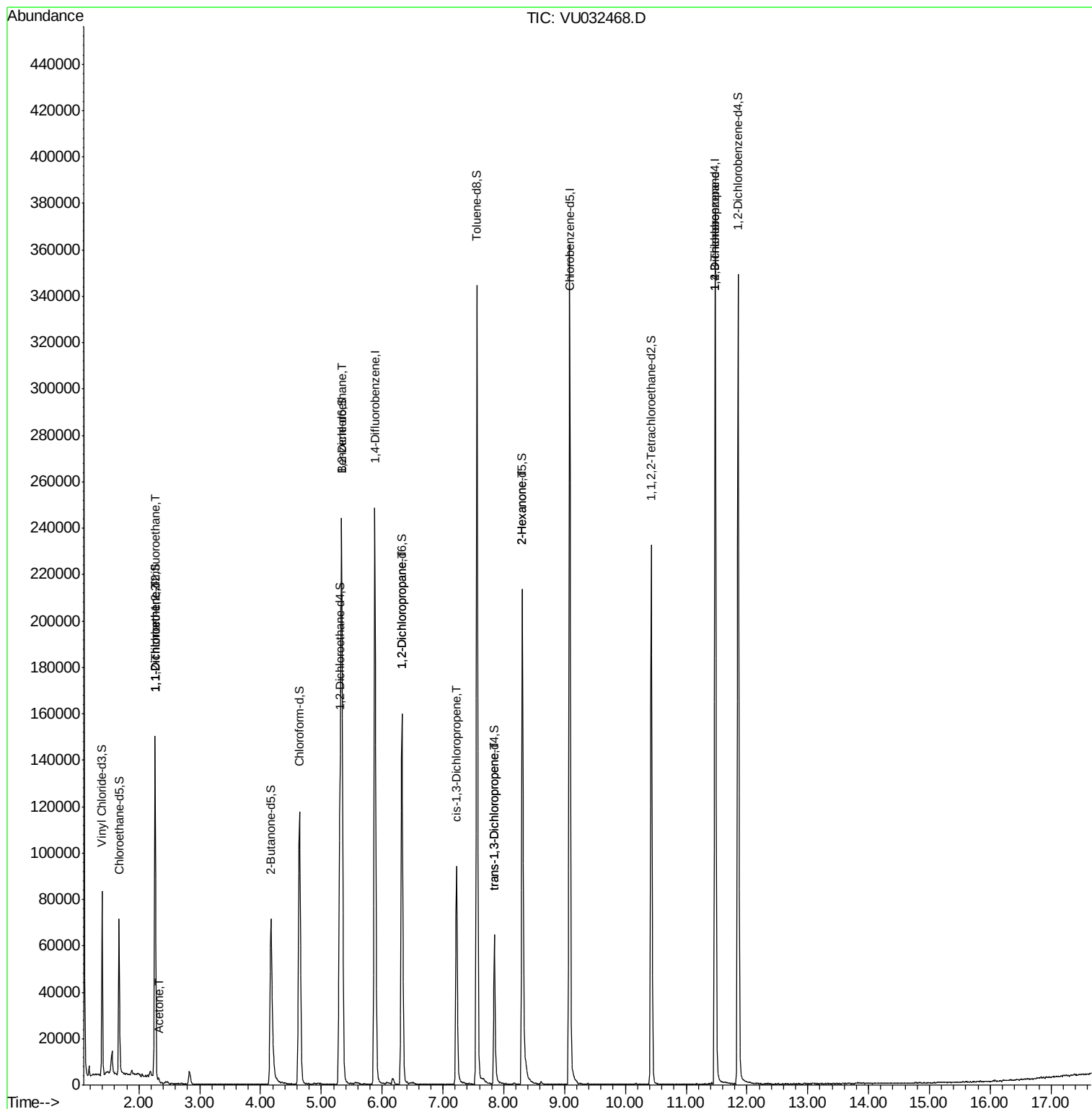
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	763	0.579	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	757	0.591	ug/L #	1
13) Acetone	2.32	43	614	0.508	ug/L	79
27) 1,2-Dichloroethane	5.33	62	1389	0.673	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8636	5.843	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2564	1.099	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	1735	0.838	ug/L #	79
48) 2-Hexanone	8.31	43	8732	4.471	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	11734	6.107	ug/L #	88

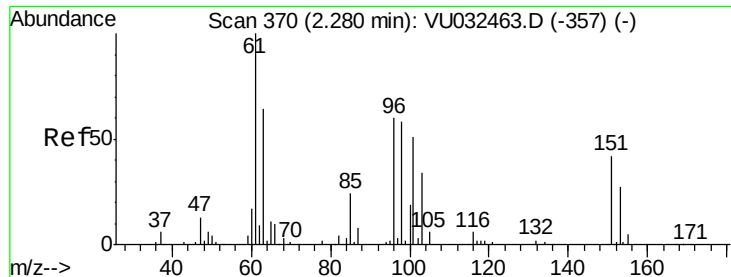
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.579 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032468.D

Acq: 05 Jun 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

DB8K9

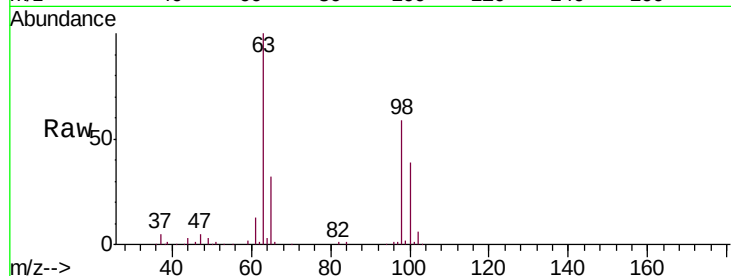
Tgt Ion: 101 Resp: 763

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

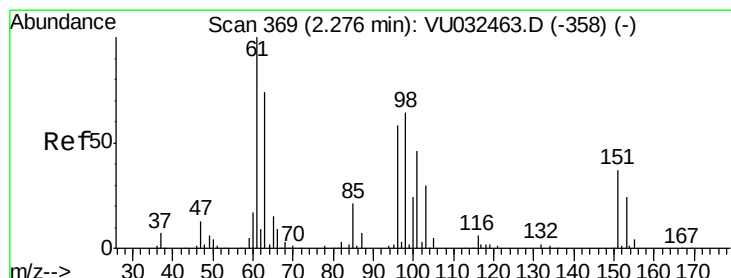
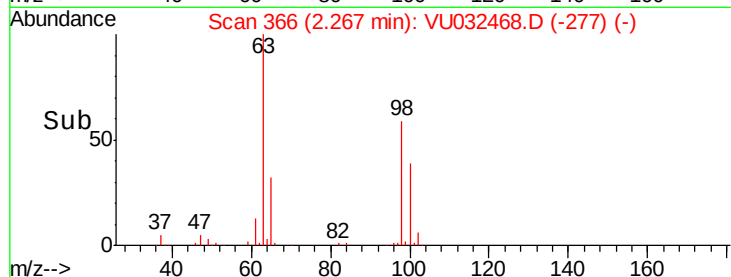
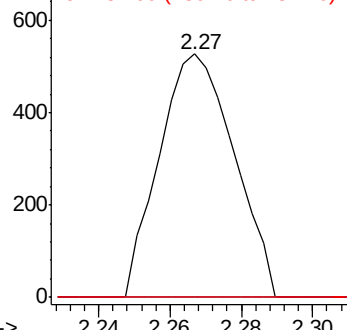
151 0.0 63.0 94.4#



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: 0.591 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032468.D

Acq: 05 Jun 2019 18:11

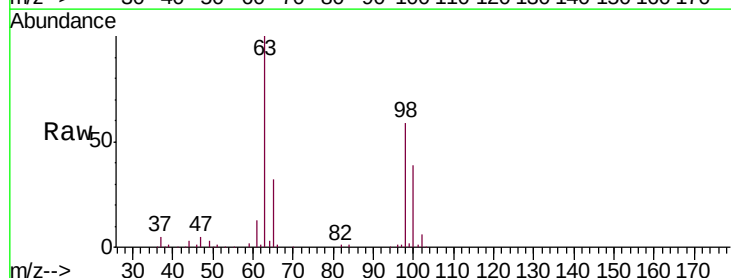
Tgt Ion: 96 Resp: 757

Ion Ratio Lower Upper

96 100

61 1596.3 129.5 240.5#

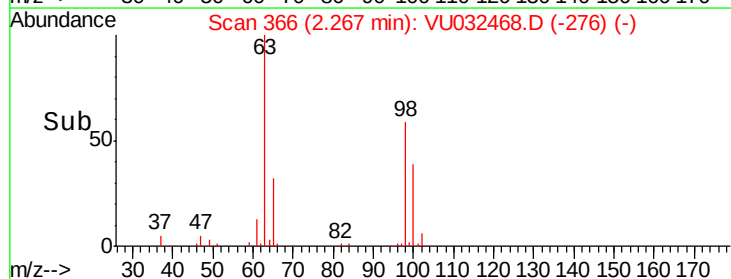
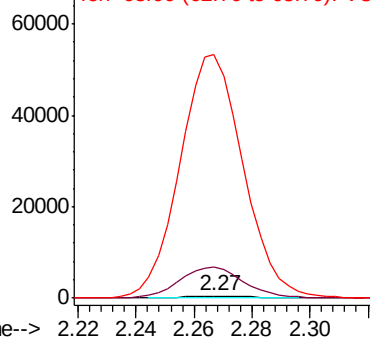
63 12421.4 103.4 192.0#

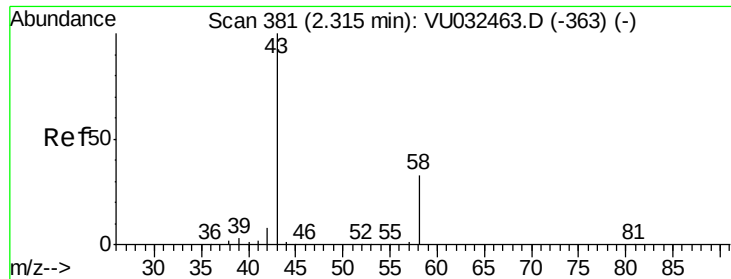


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

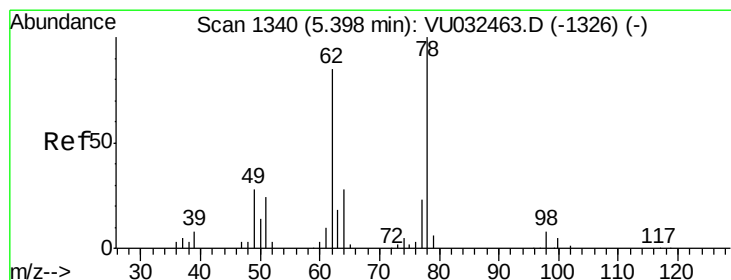
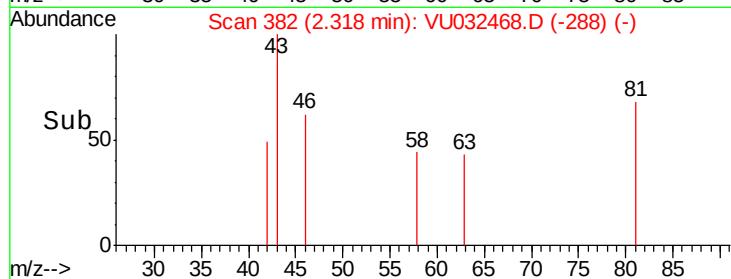
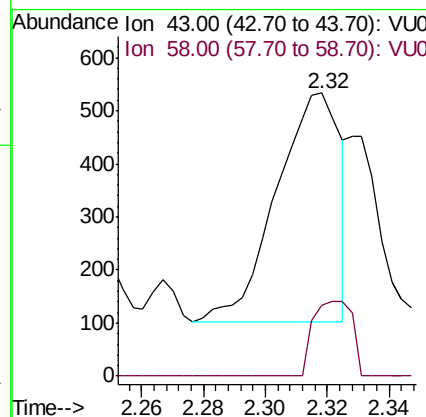
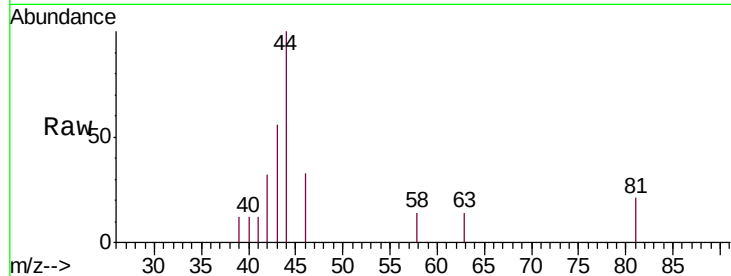




#13
Acetone
Concen: 0.508 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032468.D
Acq: 05 Jun 2019 18:11

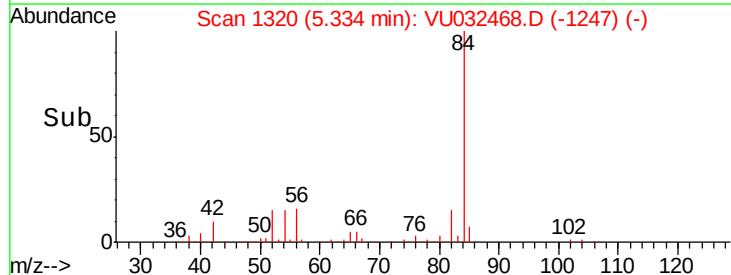
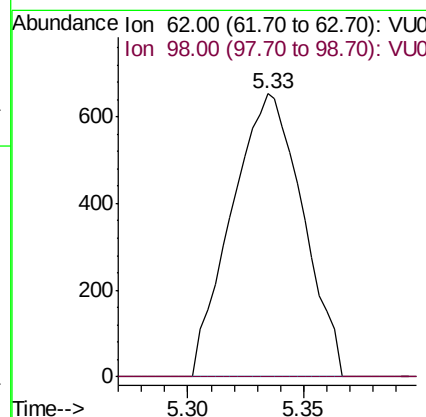
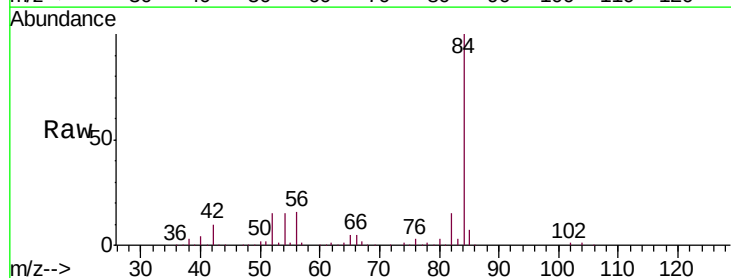
Instrument :
MSVOA_U
ClientSampleId :
DB8K9

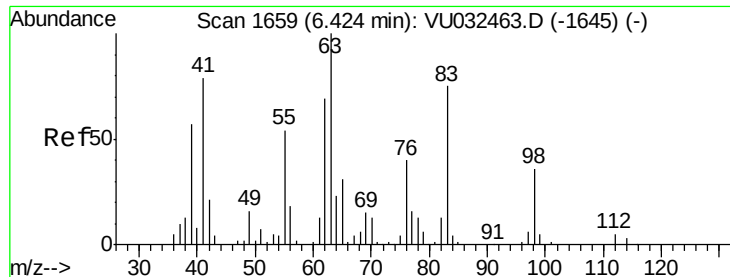
Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 20.2 0.0 64.0



#27
1,2-Dichloroethane
Concen: 0.673 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032468.D
Acq: 05 Jun 2019 18:11

Tgt Ion: 62 Resp: 1389
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

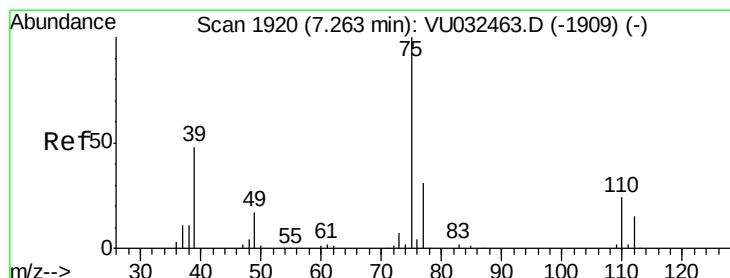
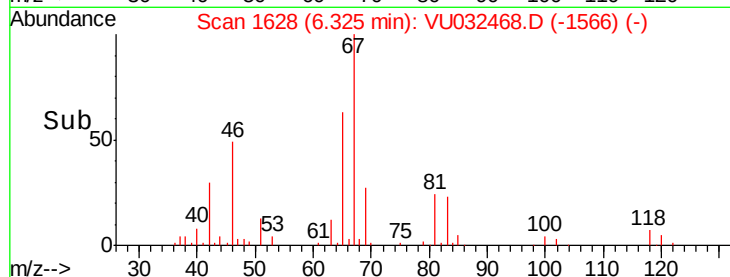
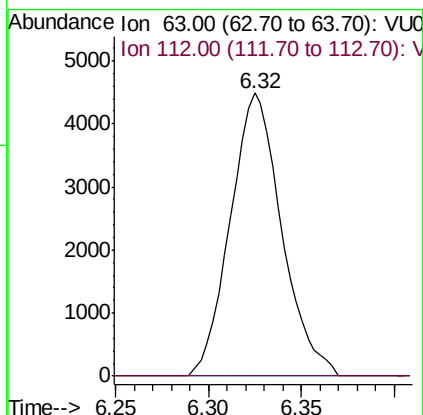
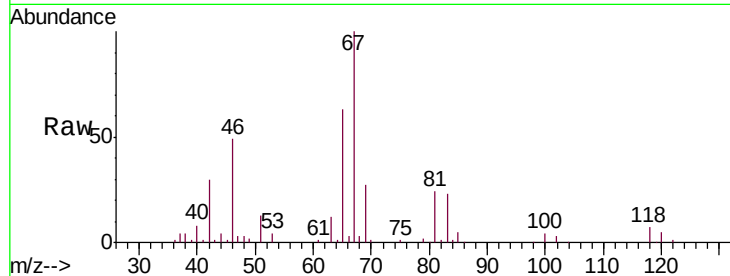




#37
 1,2-Dichloropropane
 Concen: 5.843 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032468.D
 Acq: 05 Jun 2019 18:11

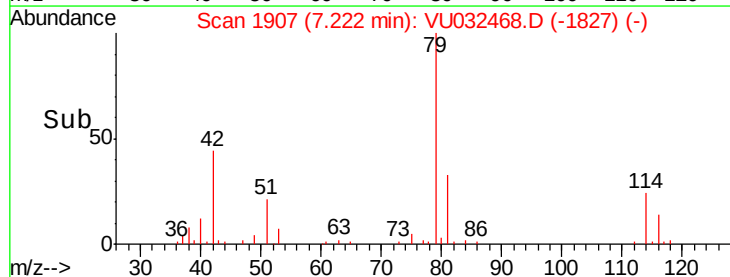
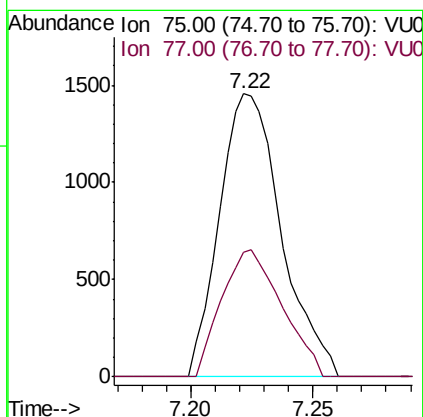
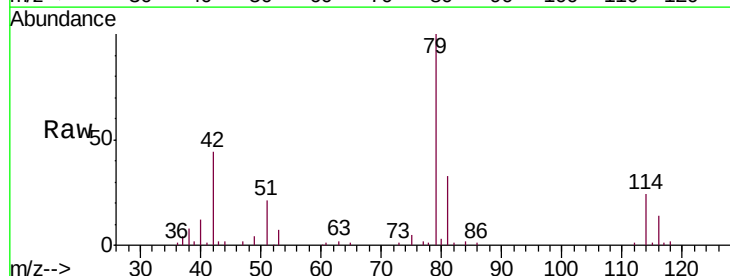
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K9

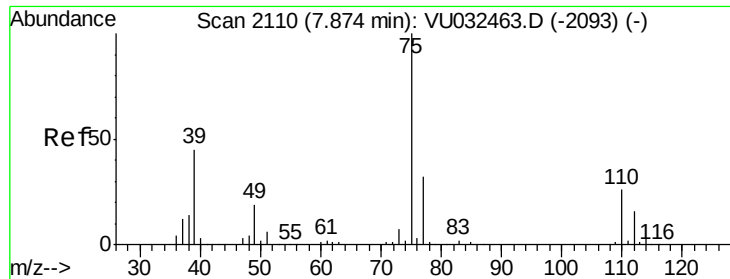
Tgt Ion: 63 Resp: 8636
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.099 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032468.D
 Acq: 05 Jun 2019 18:11

Tgt Ion: 75 Resp: 2564
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032468.D

Acq: 05 Jun 2019 18:11

Instrument :

MSVOA_U

ClientSampled :

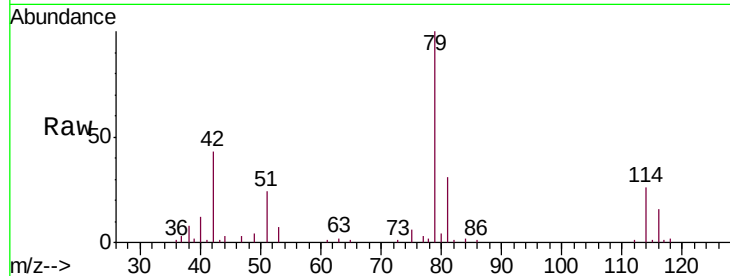
DB8K9

Tgt Ion: 75 Resp: 1735

Ion Ratio Lower Upper

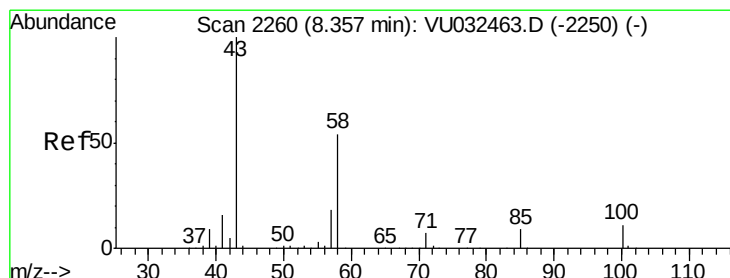
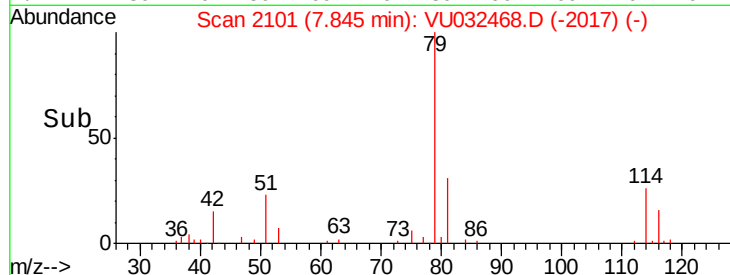
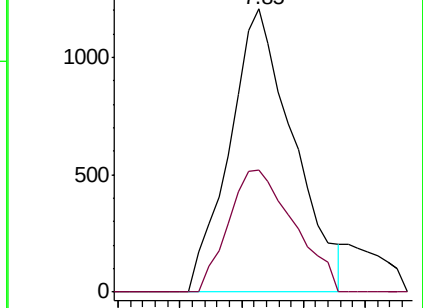
75 100

77 43.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032468.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032468.D (-2101) (-)



#48

2-Hexanone

Concen: 4.471 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032468.D

Acq: 05 Jun 2019 18:11

Tgt Ion: 43 Resp: 8732

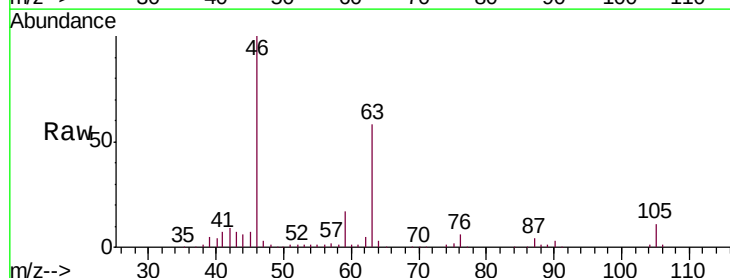
Ion Ratio Lower Upper

43 100

58 26.2 42.0 63.0#

57 22.8 14.6 22.0#

100 0.0 9.2 13.8#

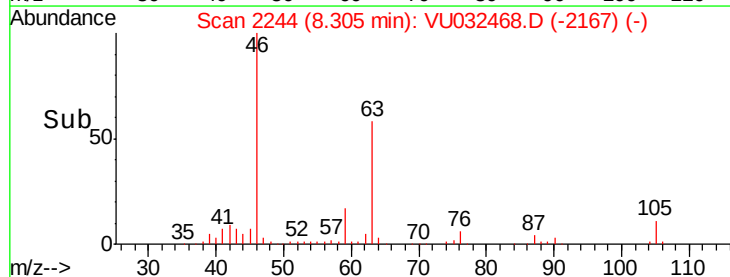
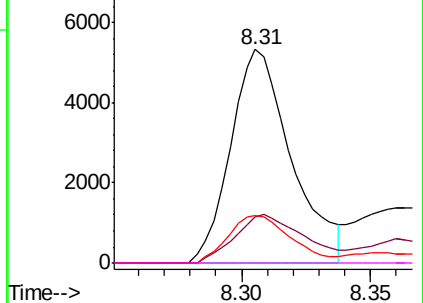


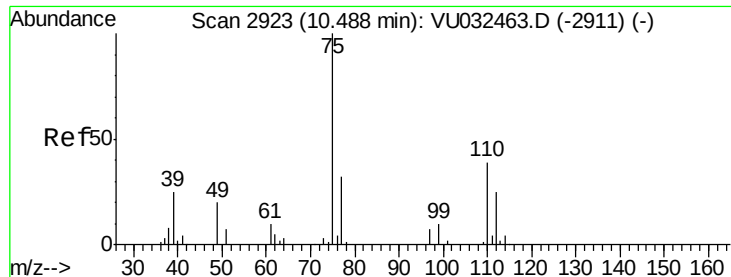
Abundance Ion 43.00 (42.70 to 43.70): VU032468.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU032468.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU032468.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU032468.D (-2167) (-)





#59
 1,2,3-Trichloropropane
 Concen: 6.107 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032468.D
 Acq: 05 Jun 2019 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K9

Tgt Ion: 75 Resp: 11734
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.6 38.4#

