

Data File : VU032469.D
Acq On : 05 Jun 2019 18:34
Operator : JC/SP
Sample : K3213-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H8

Quant Time: Jun 06 04:08:38 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	204474	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50773	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.54%
7) Chloroethane-d5	1.67	69	44817	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.27	63	81743	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.17	46	109562	98.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.69%
24) Chloroform-d	4.64	84	114003	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.30	65	77257	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.33	84	240902	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.32	67	76622	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.56	98	230042	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%
43) trans-1,3-Dichloropropene-	7.85	79	36349	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
47) 2-Hexanone-d5	8.31	63	75373	98.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112393	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	98419	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%

Target Compounds

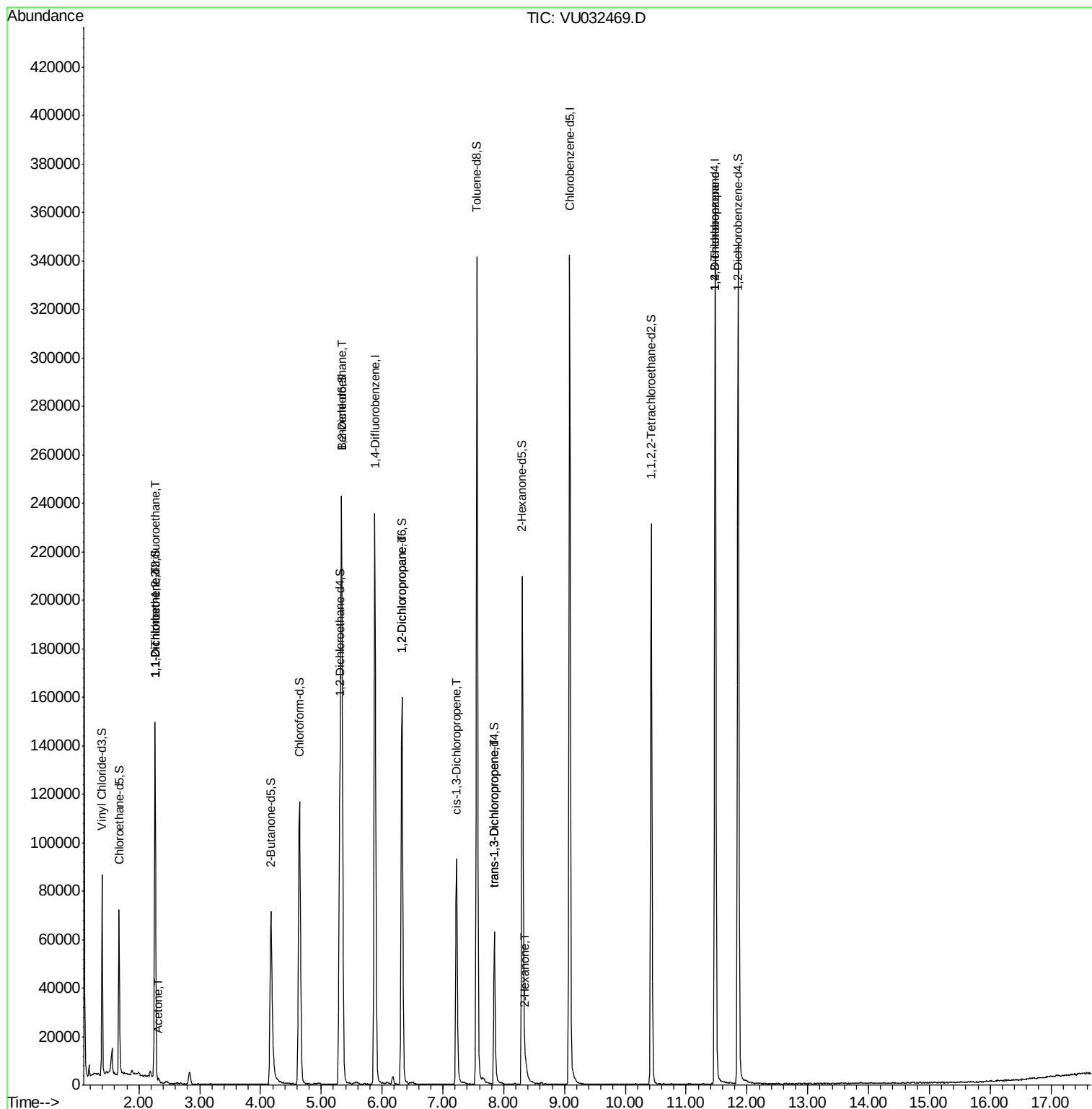
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	718	0.575	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	693	0.571	ug/L #	1
13) Acetone	2.32	43	850	0.742	ug/L	75
27) 1,2-Dichloroethane	5.33	62	1277	0.653	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8520	5.922	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2344	1.033	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1615	0.802	ug/L	99
48) 2-Hexanone	8.36	43	3025	1.591	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	11584	6.194	ug/L	89

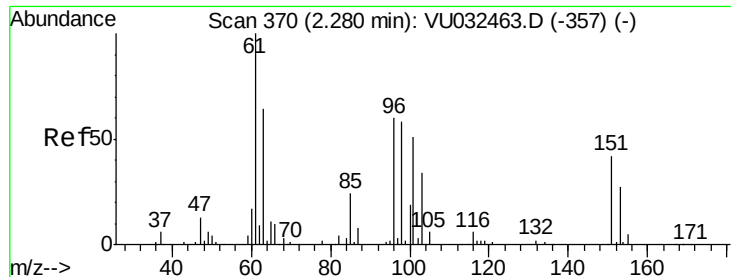
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.575 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032469.D

Acq: 05 Jun 2019 18:34

Instrument :

MSVOA_U

ClientSampled :

DB8H8

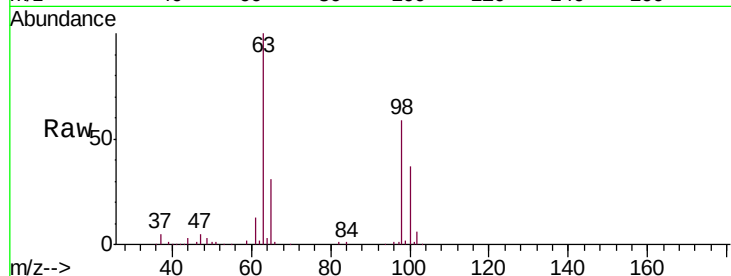
Tgt Ion: 101 Resp: 718

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

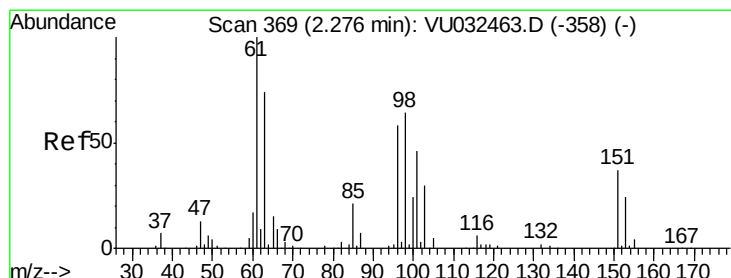
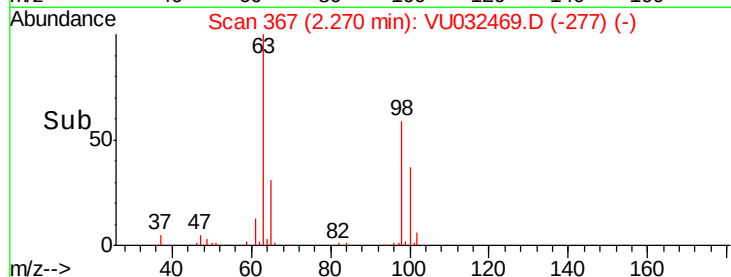
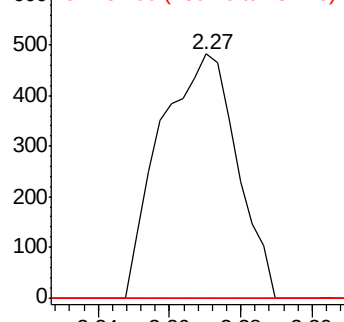
151 0.0 63.0 94.4#



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: 0.571 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032469.D

Acq: 05 Jun 2019 18:34

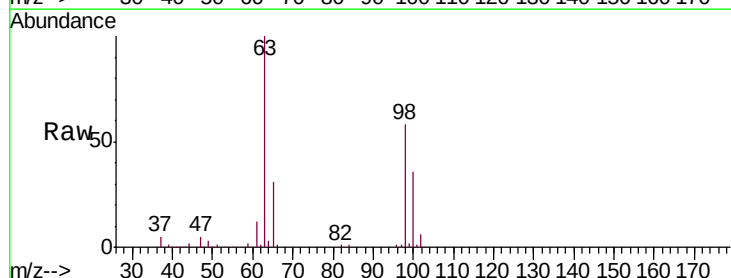
Tgt Ion: 96 Resp: 693

Ion Ratio Lower Upper

96 100

61 1492.0 129.5 240.5#

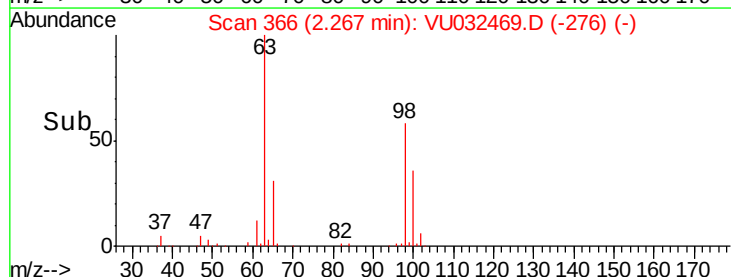
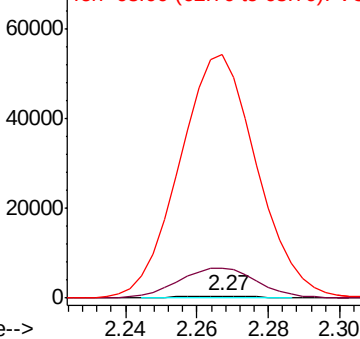
63 11984.1 103.4 192.0#

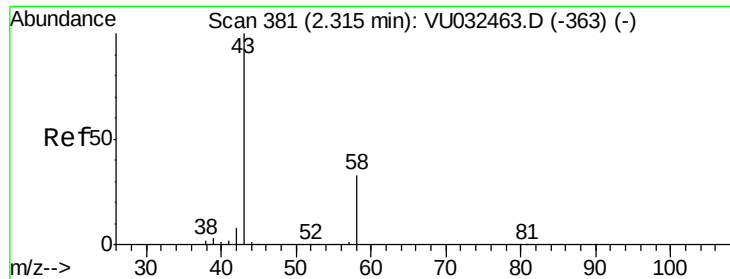


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.742 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

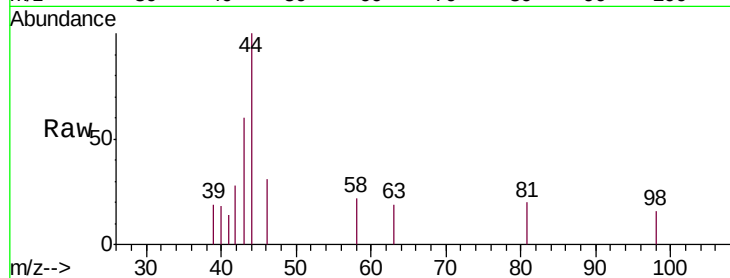
DB8H8

Tgt Ion: 43 Resp: 850

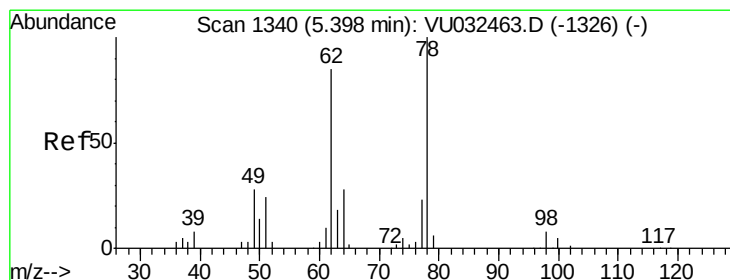
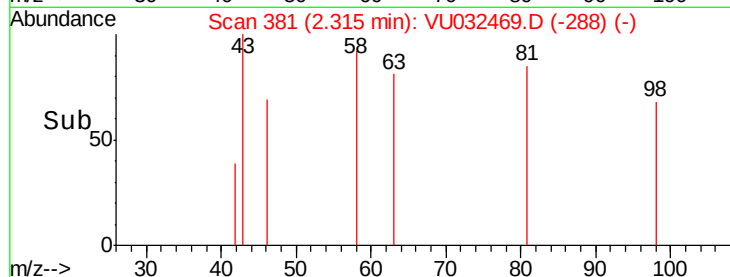
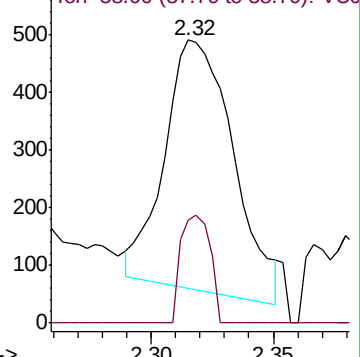
Ion Ratio Lower Upper

43 100

58 18.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032469.D (-288) (-)



#27

1,2-Dichloroethane

Concen: 0.653 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032469.D

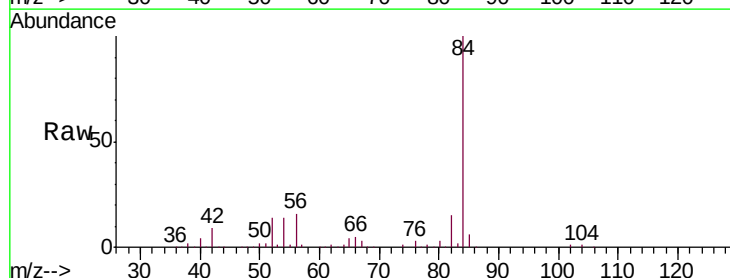
Acq: 05 Jun 2019 18:34

Tgt Ion: 62 Resp: 1277

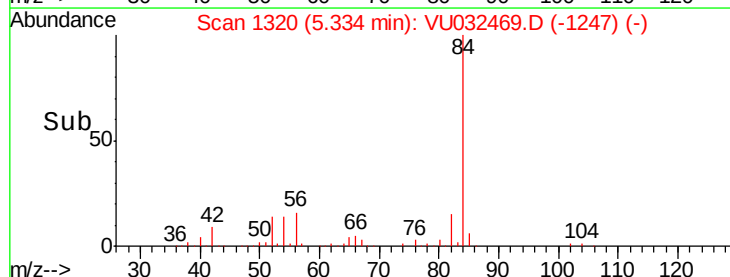
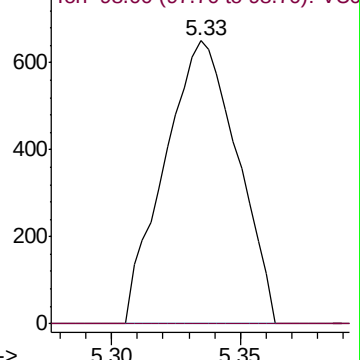
Ion Ratio Lower Upper

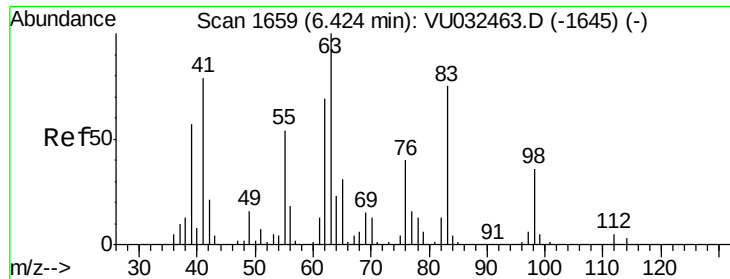
62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032469.D (-1247) (-)

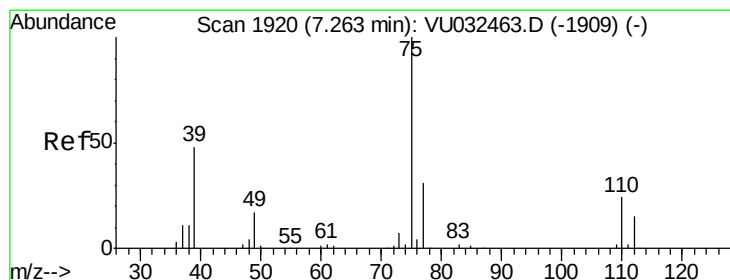
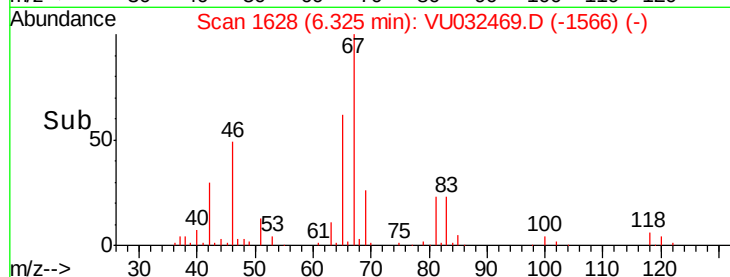
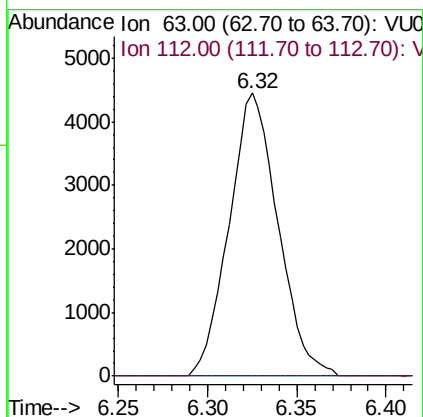
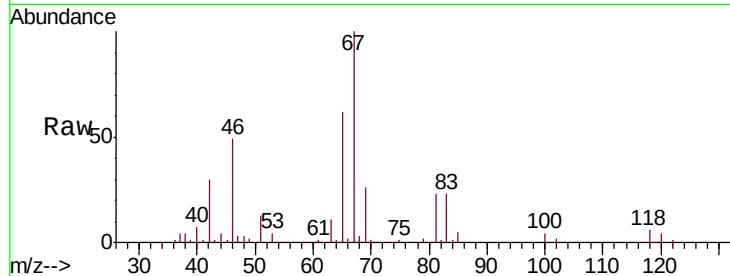




#37
 1,2-Dichloropropane
 Concen: 5.922 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032469.D
 Acq: 05 Jun 2019 18:34

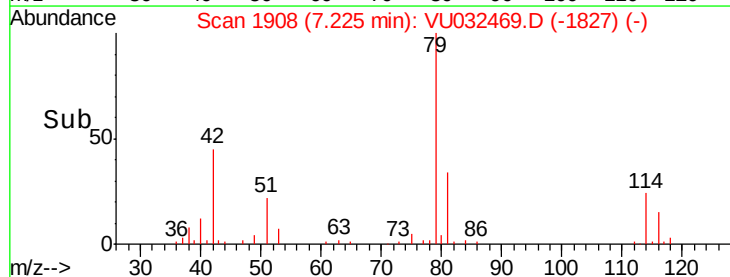
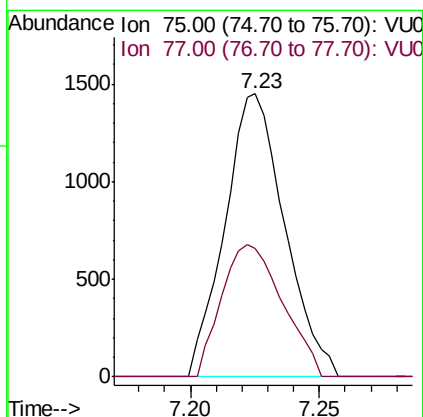
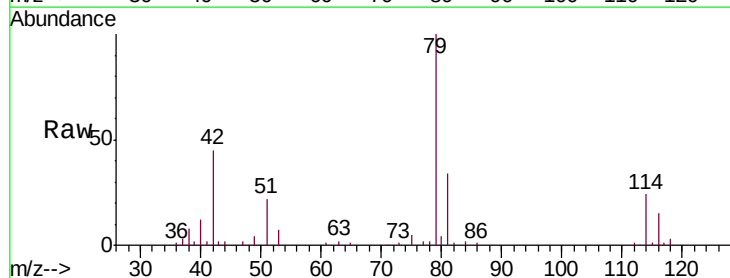
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 MSVOA_U
 ClientSampleId :
 DB8H8

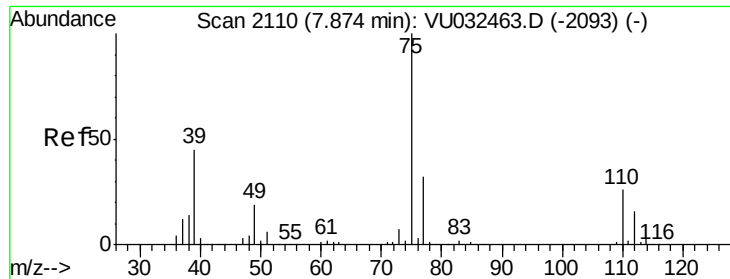
Tgt Ion: 63 Resp: 8520
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.033 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032469.D
 Acq: 05 Jun 2019 18:34

Tgt Ion: 75 Resp: 2344
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.0 41.0#

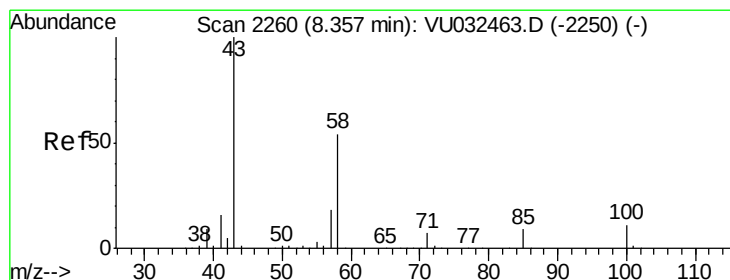
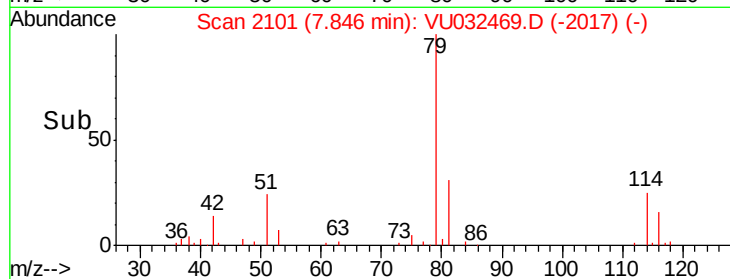
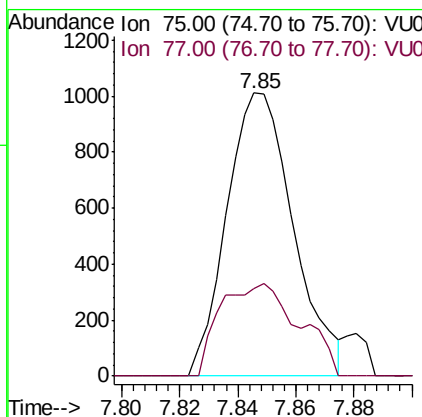
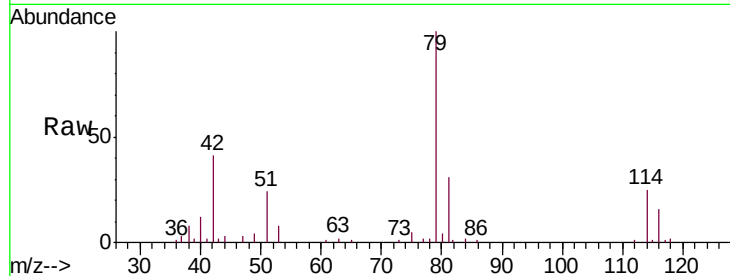




#44
trans-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032469.D
Acq: 05 Jun 2019 18:34

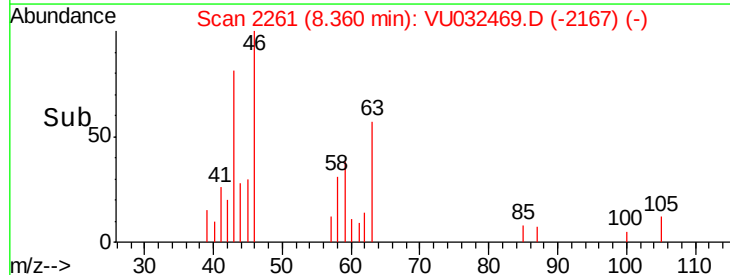
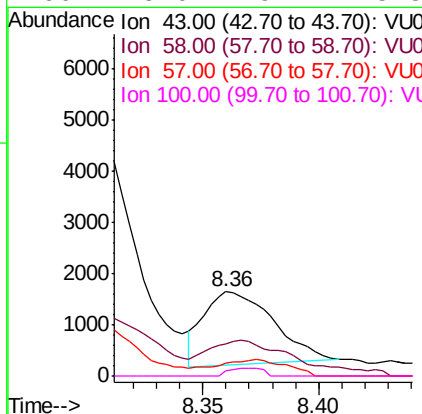
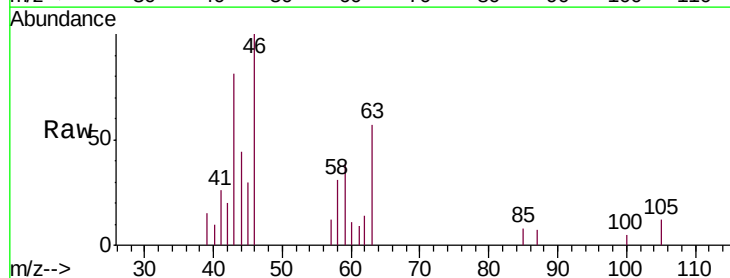
Instrument :
MSVOA_U
ClientSampleId :
DB8H8

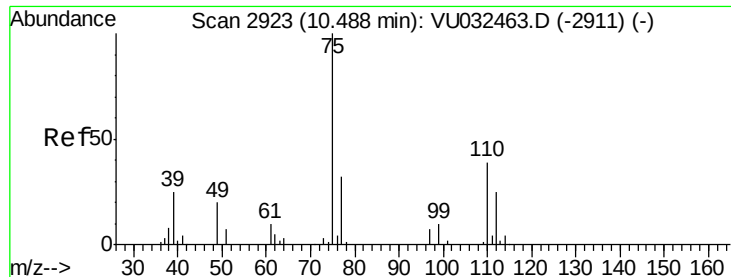
Tgt Ion: 75 Resp: 1615
Ion Ratio Lower Upper
75 100
77 31.2 22.1 41.1



#48
2-Hexanone
Concen: 1.591 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032469.D
Acq: 05 Jun 2019 18:34

Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
58 48.6 42.0 63.0
57 19.4 14.6 22.0
100 5.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.194 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032469.D

Acq: 05 Jun 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

DB8H8

Tgt Ion: 75 Resp: 11584

Ion Ratio Lower Upper

75 100

77 37.9 25.6 38.4

