

Data File : VU032472.D
Acq On : 05 Jun 2019 19:43
Operator : JC/SP
Sample : K3213-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K0

Quant Time: Jun 06 04:08:59 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	202955	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50816	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.18%
7) Chloroethane-d5	1.67	69	45186	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.27	63	81789	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.17	46	107397	97.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.46%
24) Chloroform-d	4.64	84	112401	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.30	65	76299	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.33	84	238005	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.32	67	75718	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.56	98	229445	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.85	79	35308	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.31	63	72322	96.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111056	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	97183	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

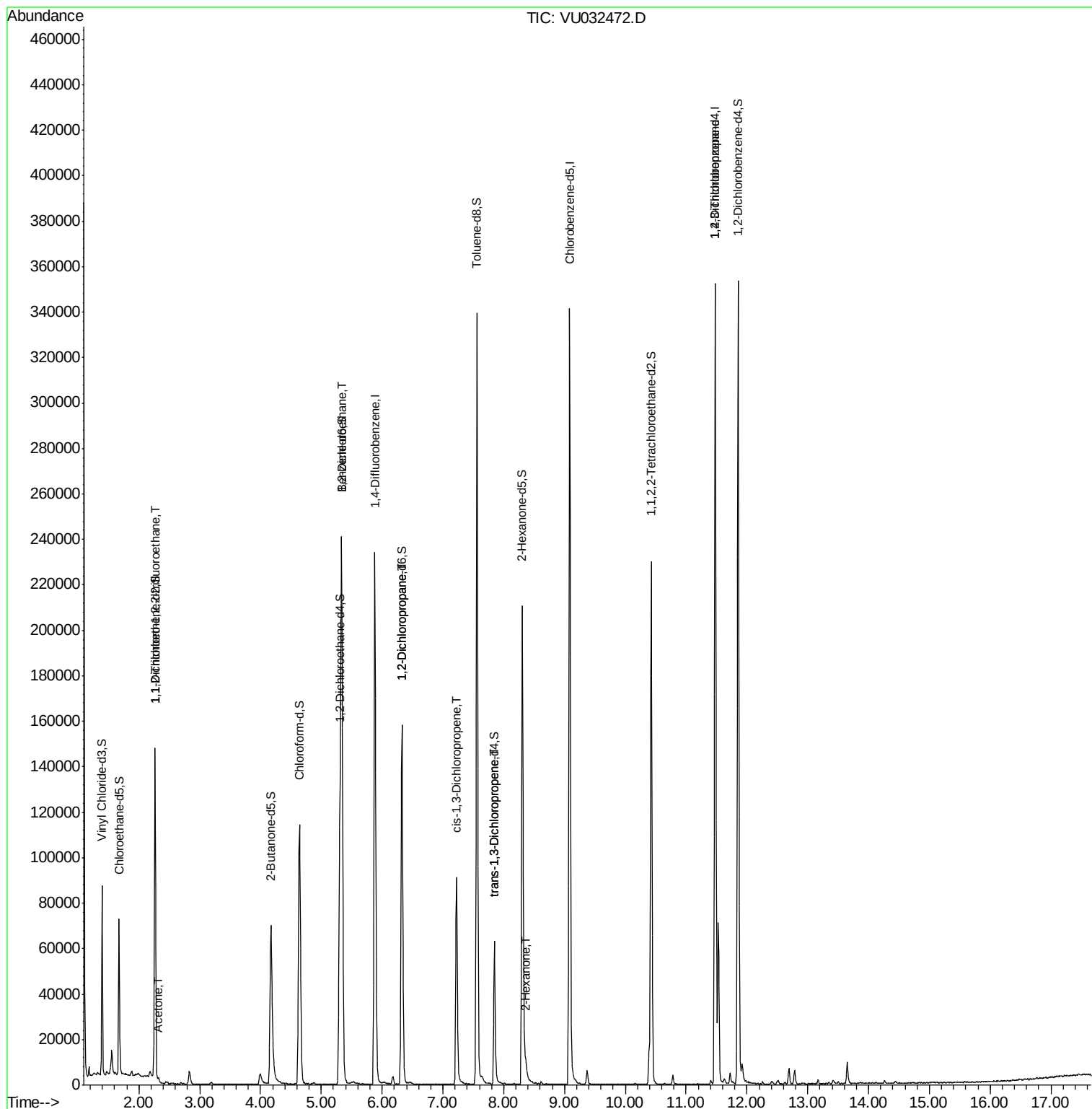
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	709	0.572	ug/L #	18
13) Acetone	2.32	43	642	0.565	ug/L	94
27) 1,2-Dichloroethane	5.33	62	1400	0.721	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8502	5.987	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2480	1.107	ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1704	0.857	ug/L #	80
48) 2-Hexanone	8.36	43	3120	1.663	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	11363	6.155	ug/L	89

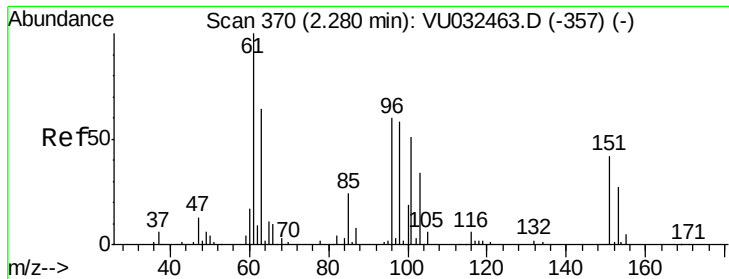
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.572 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Acq: 05 Jun 2019 19:43

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MSVOA_U

ClientSampleId :

DB8K0

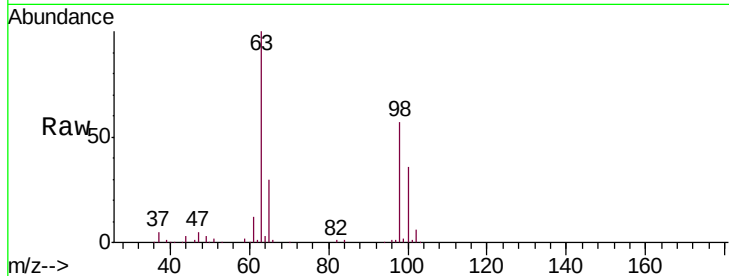
Tgt Ion: 101 Resp: 709

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

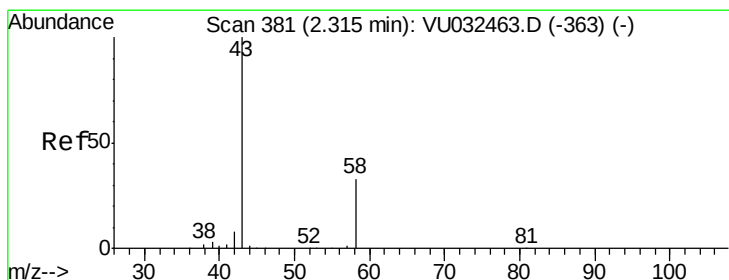
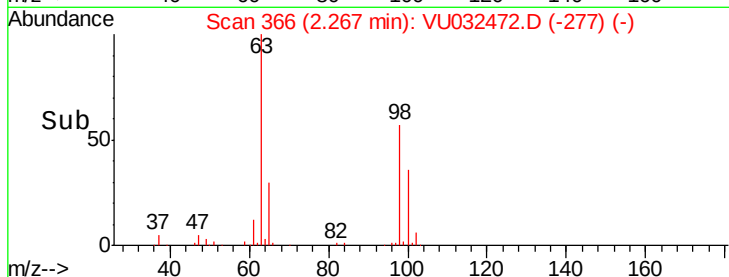
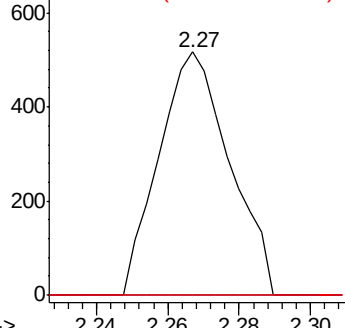
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 0.565 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032472.D

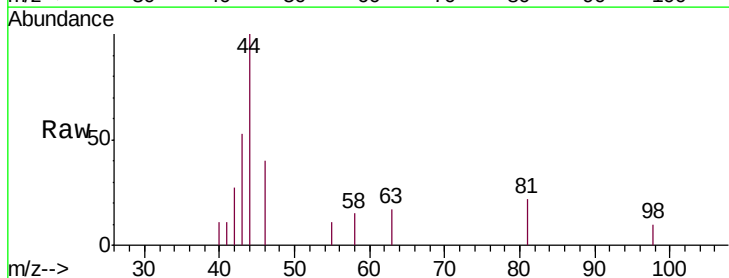
Acq: 05 Jun 2019 19:43

Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

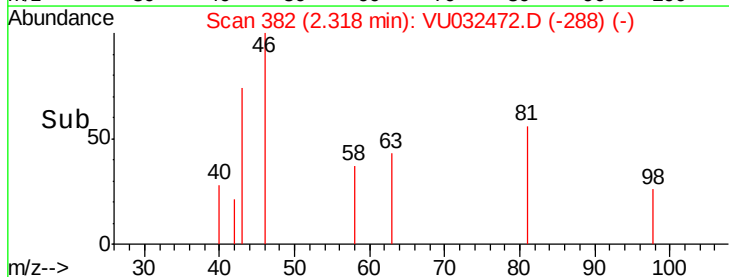
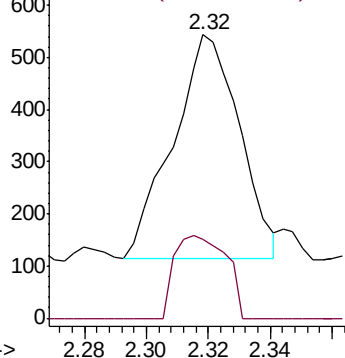
43 100

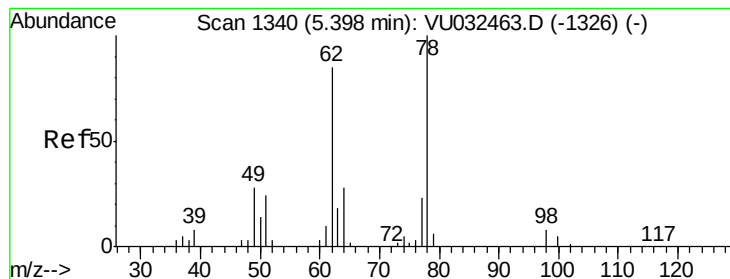
58 28.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 0.721 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032472.D

Acq: 05 Jun 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

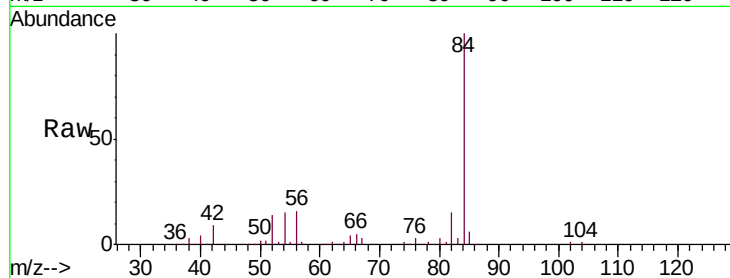
DB8K0

Tgt Ion: 62 Resp: 1400

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032463.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032463.D (-1326) (-)

5.33

600

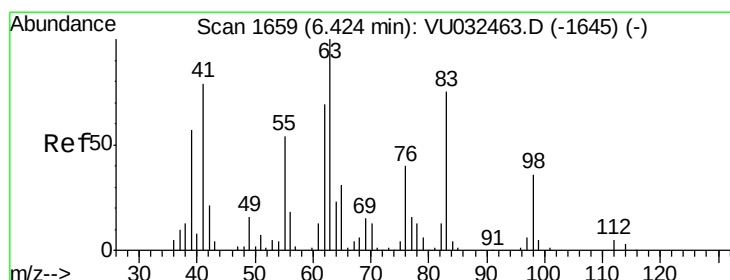
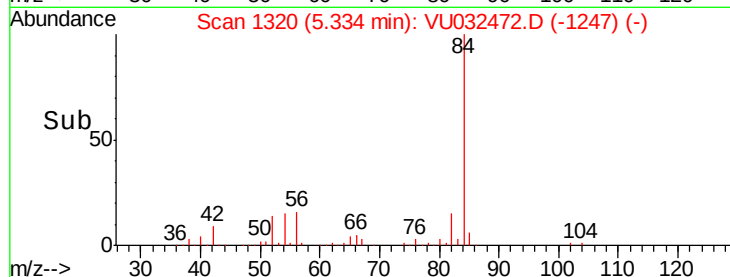
400

200

0

5.30 5.35

Time-->



#37

1,2-Dichloropropane

Concen: 5.987 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032472.D

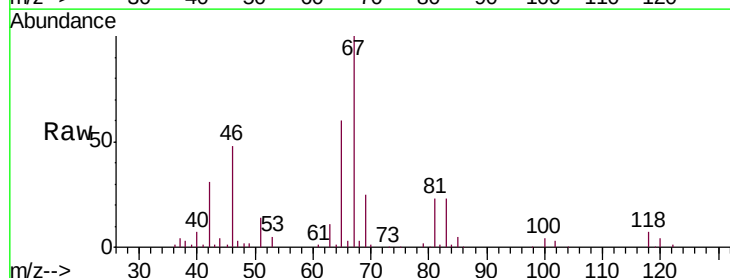
Acq: 05 Jun 2019 19:43

Tgt Ion: 63 Resp: 8502

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU032463.D (-1645) (-)

Ion 112.00 (111.70 to 112.70): VU032463.D (-1645) (-)

6.32

5000

4000

3000

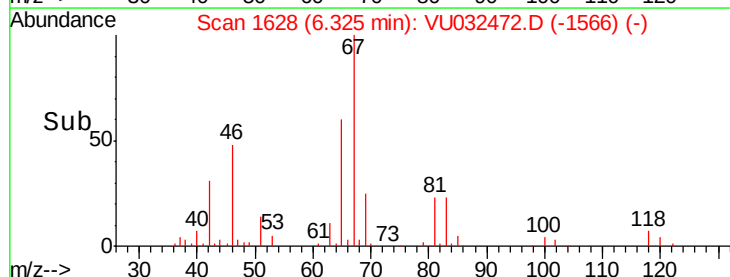
2000

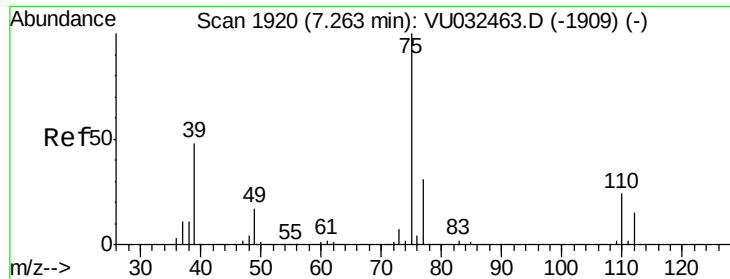
1000

0

6.25 6.30 6.35 6.40

Time-->

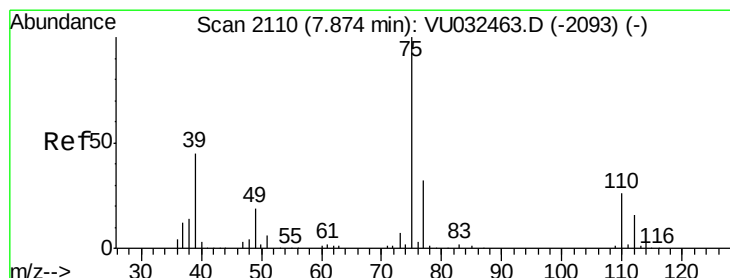
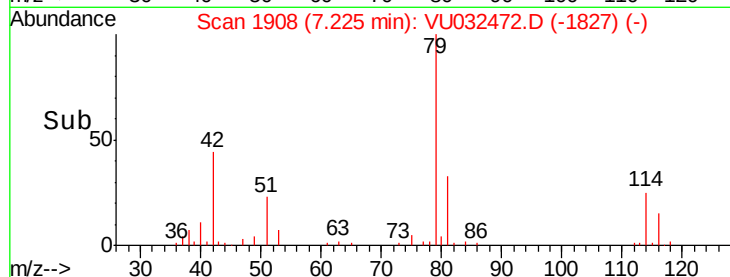
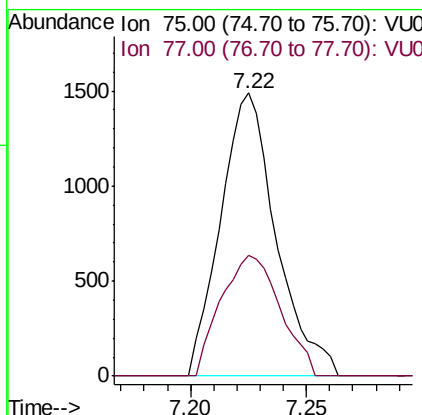
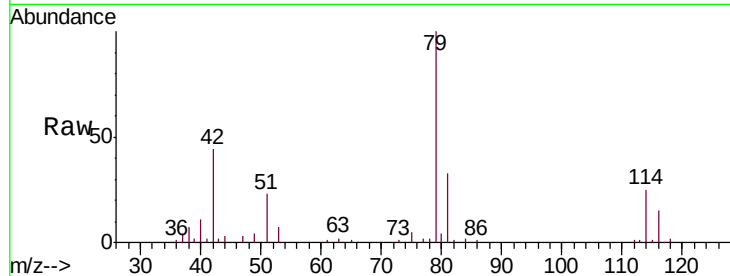




#39
 cis-1,3-Dichloropropene
 Concen: 1.107 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032472.D
 Acq: 05 Jun 2019 19:43

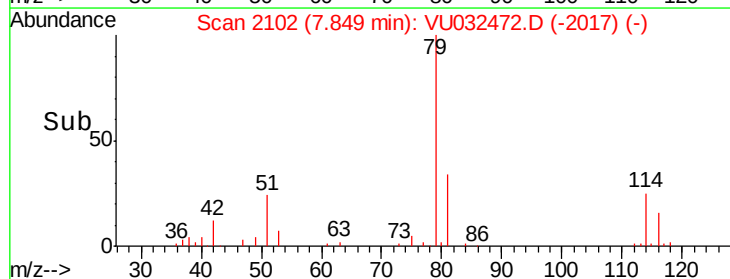
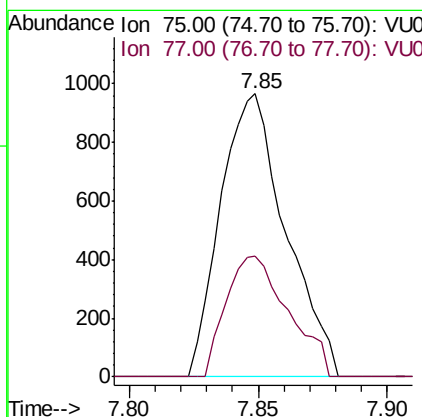
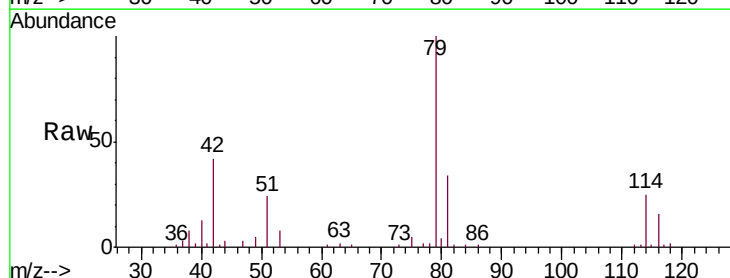
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8K0

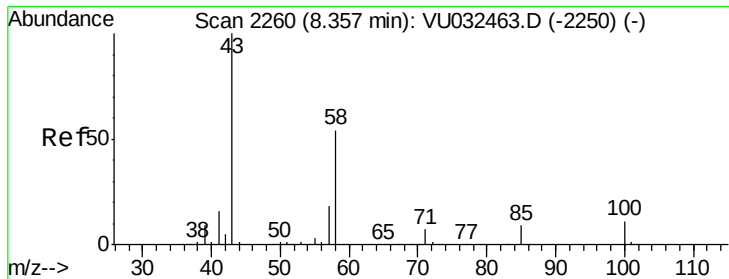
Tgt Ion: 75 Resp: 2480
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032472.D
 Acq: 05 Jun 2019 19:43

Tgt Ion: 75 Resp: 1704
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.1 41.1#





#48

2-Hexanone

Concen: 1.663 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032472.D

Acq: 05 Jun 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

DB8K0

Tgt Ion: 43 Resp: 3120

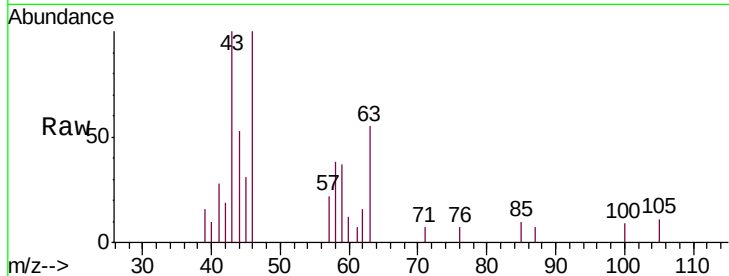
Ion Ratio Lower Upper

43 100

58 42.4 42.0 63.0

57 17.9 14.6 22.0

100 6.3 9.2 13.8#

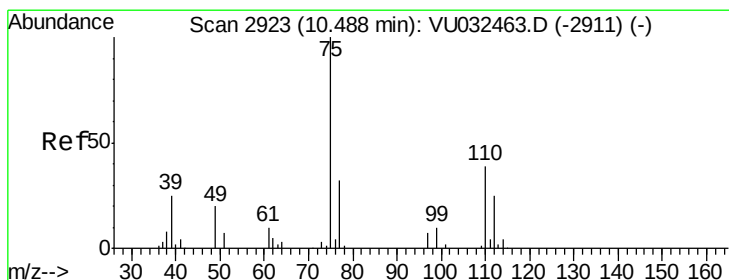
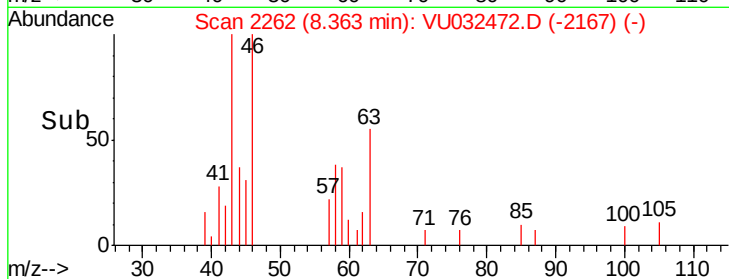
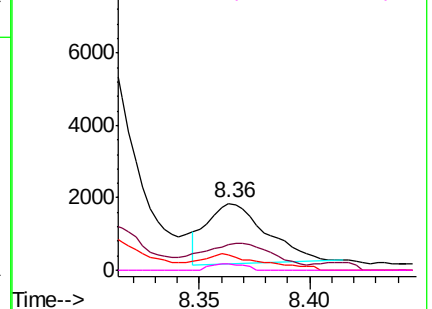


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.155 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032472.D

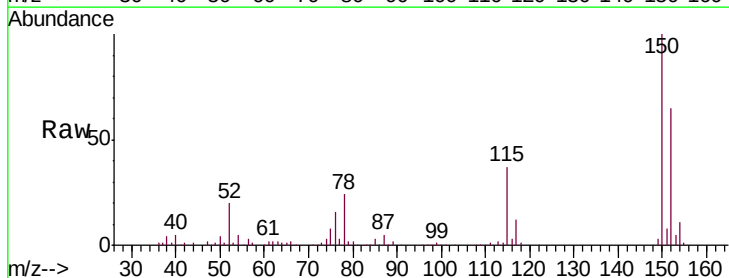
Acq: 05 Jun 2019 19:43

Tgt Ion: 75 Resp: 11363

Ion Ratio Lower Upper

75 100

77 38.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

