

Data File : VU032476.D
Acq On : 05 Jun 2019 21:15
Operator : JC/SP
Sample : K3213-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K5

Quant Time: Jun 06 04:09:26 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	205817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51008	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.40%
7) Chloroethane-d5	1.67	69	45471	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.26	63	80631	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	4.17	46	113595	101.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.65%
24) Chloroform-d	4.64	84	113511	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.30	65	76372	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.33	84	237431	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
36) 1,2-Dichloropropane-d6	6.32	67	75646	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.56	98	223271	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	35541	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.31	63	76955	99.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111855	48.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	95064	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

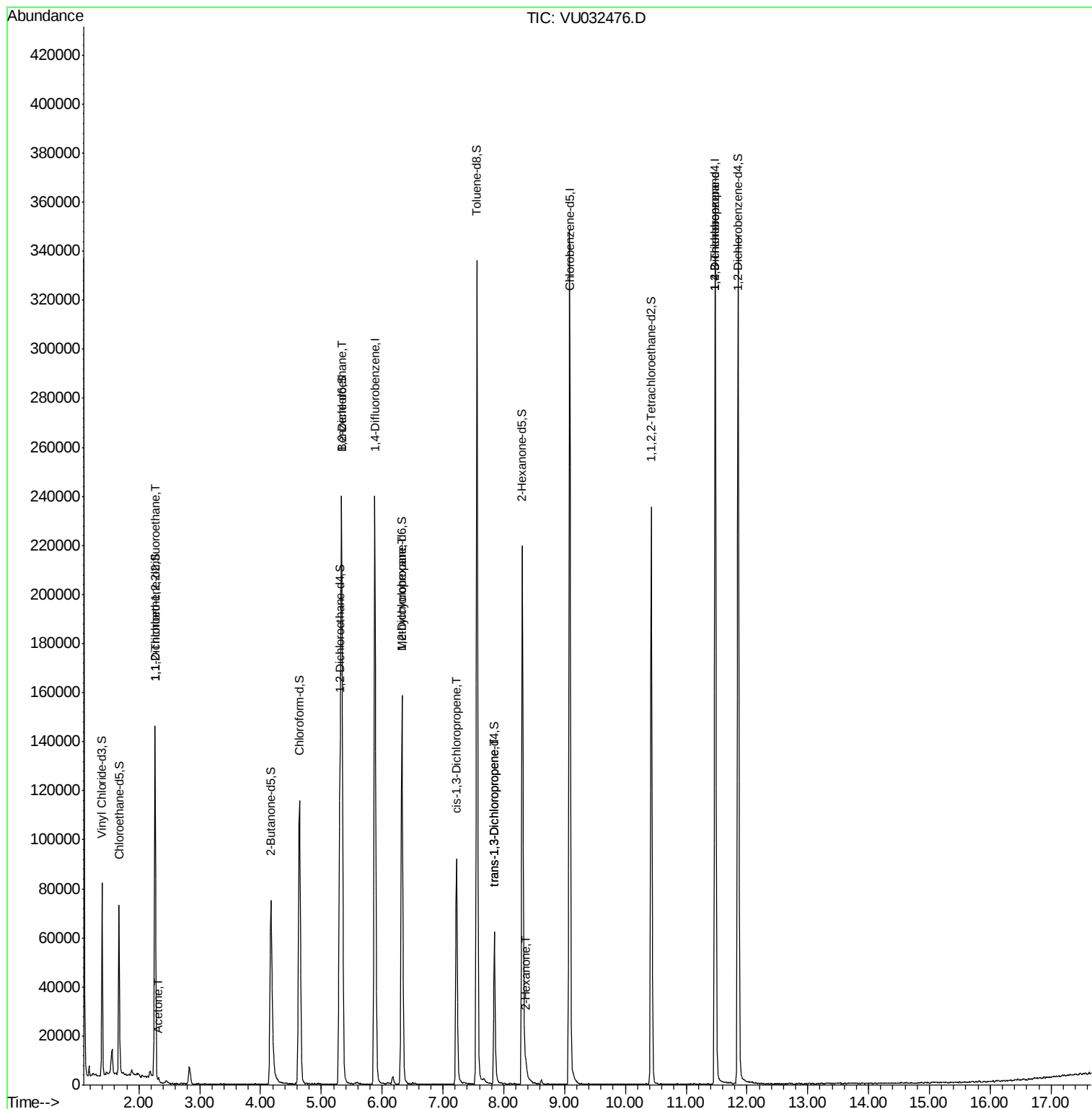
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	744	0.592	ug/L #	18
13) Acetone	2.32	43	897	0.778	ug/L	80
27) 1,2-Dichloroethane	5.33	62	1296	0.658	ug/L #	75
35) Methylcyclohexane	6.32	83	17891	7.411	ug/L #	20
39) cis-1,3-Dichloropropene	7.22	75	2419	1.055	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	1525	0.750	ug/L #	78
48) 2-Hexanone	8.36	43	3359	1.750	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	11456	6.066	ug/L	93

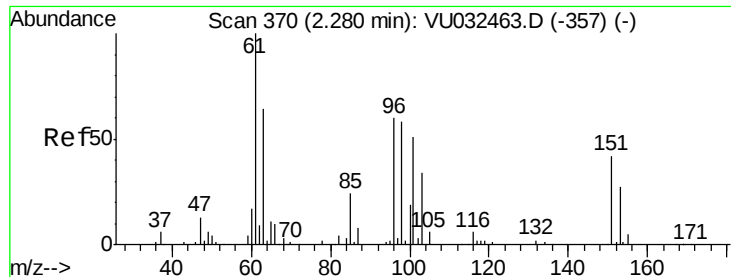
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.592 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

DB8K5

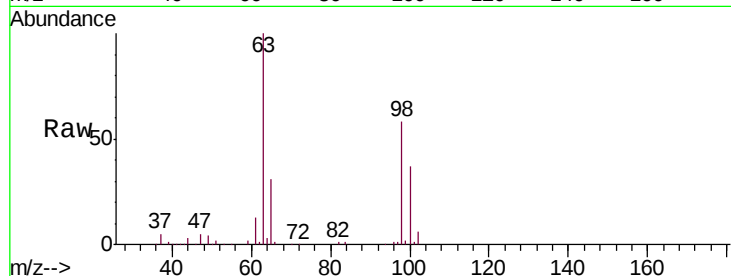
Tgt Ion:101 Resp: 744

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

2.26

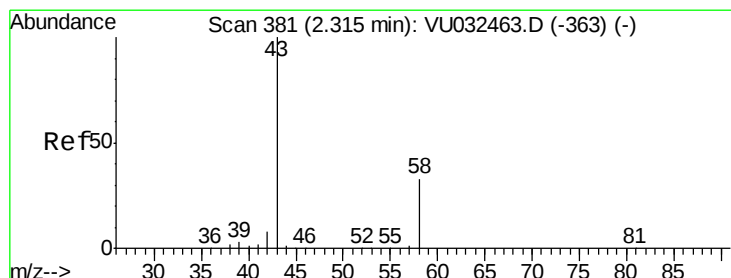
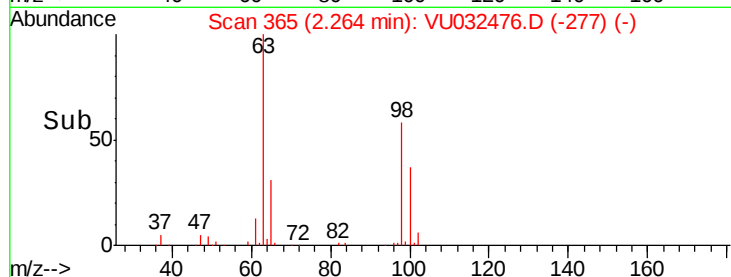
400

200

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 0.778 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032476.D

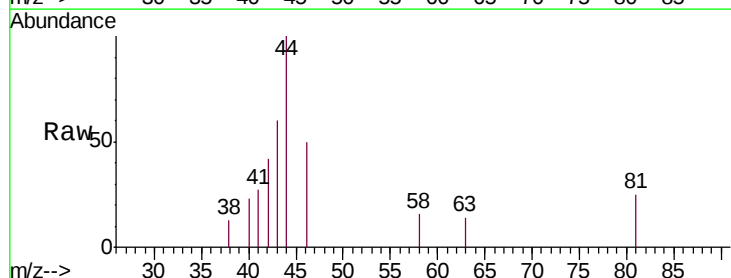
Acq: 05 Jun 2019 21:15

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

43 100

58 20.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

500

400

300

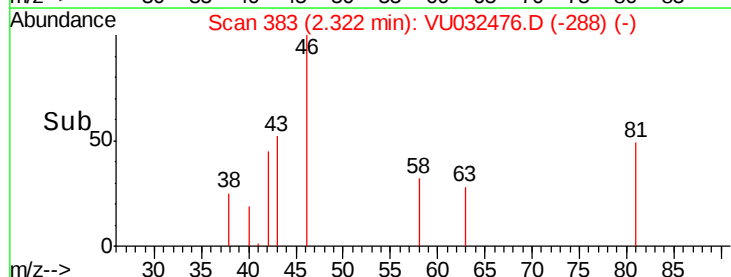
200

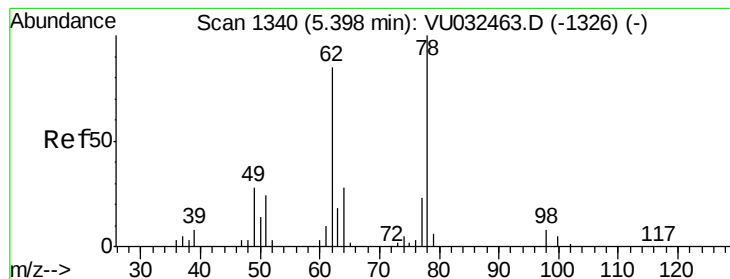
100

0

2.30 2.32 2.34 2.36

Time-->





#27

1,2-Dichloroethane

Concen: 0.658 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032476.D

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Instrument :

MSVOA_U

ClientSampleId :

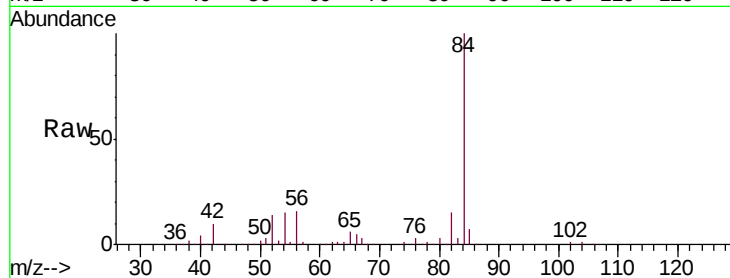
DB8K5

Tgt Ion: 62 Resp: 1296

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032476.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU032476.D (-1247) (-)

5.33

600

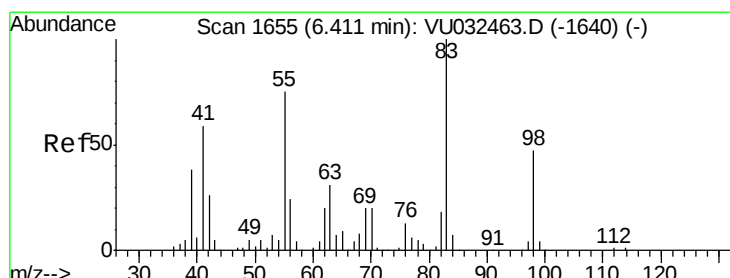
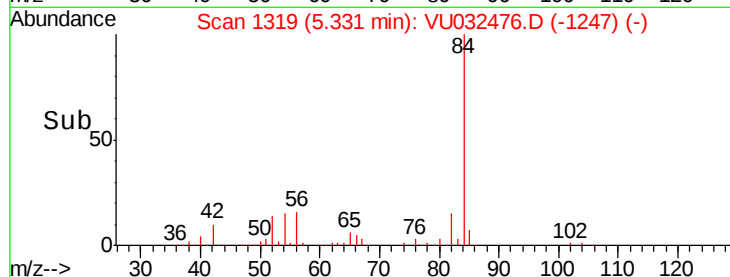
400

200

0

5.30 5.35

Time-->



#35

Methylcyclohexane

Concen: 7.411 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032476.D

Acq: 05 Jun 2019 21:15

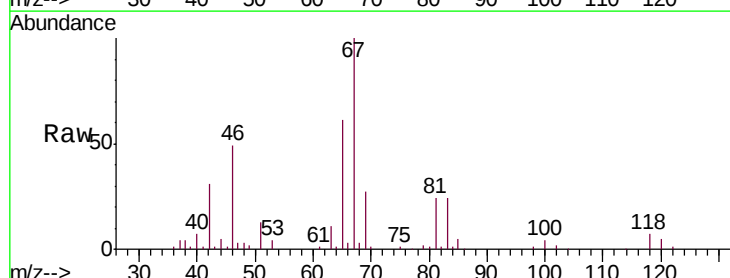
Tgt Ion: 83 Resp: 17891

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 1.6 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032476.D (-1562) (-)

Ion 55.00 (54.70 to 55.70): VU032476.D (-1562) (-)

Ion 98.00 (97.70 to 98.70): VU032476.D (-1562) (-)

6.32

12000

10000

8000

6000

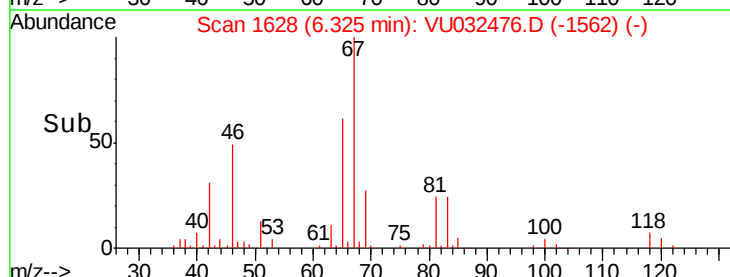
4000

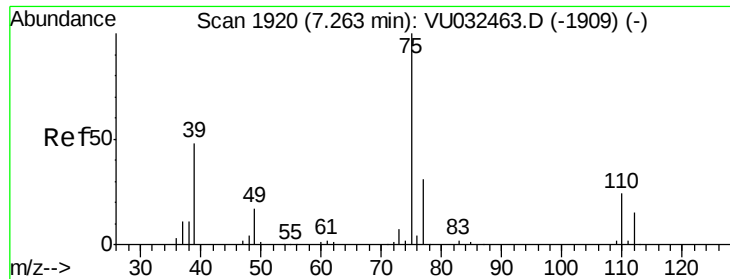
2000

0

6.25 6.30 6.35 6.40

Time-->

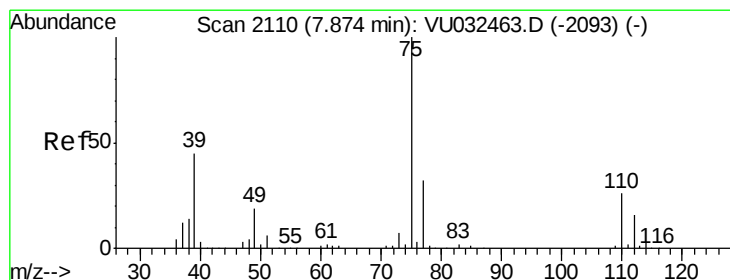
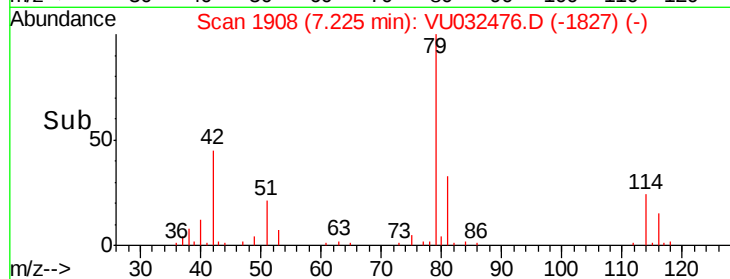
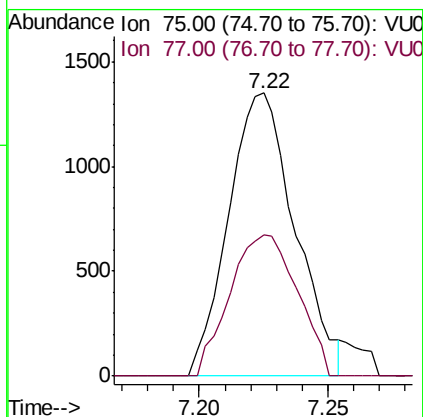
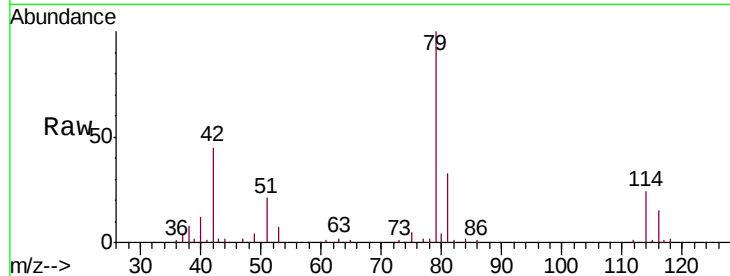




#39
 cis-1,3-Dichloropropene
 Concen: 1.055 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032476.D
 Acq: 05 Jun 2019 21:15

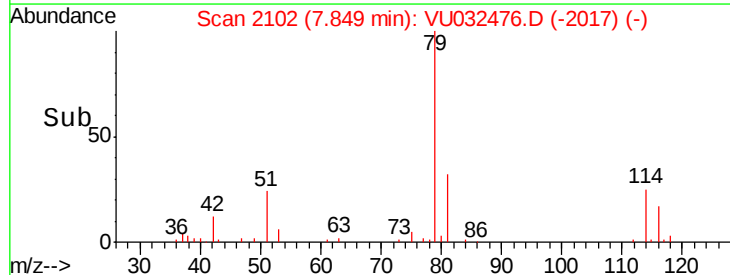
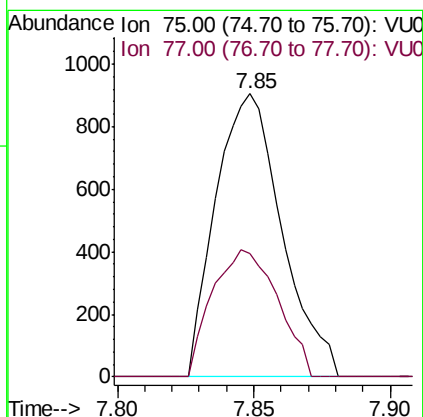
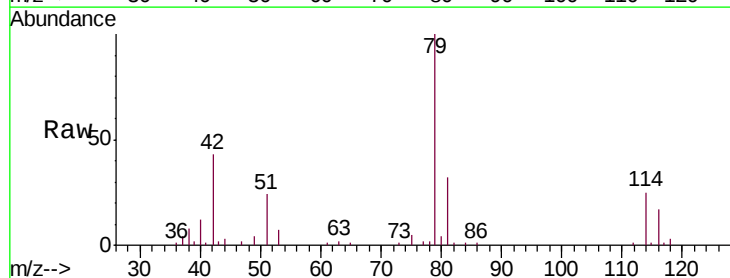
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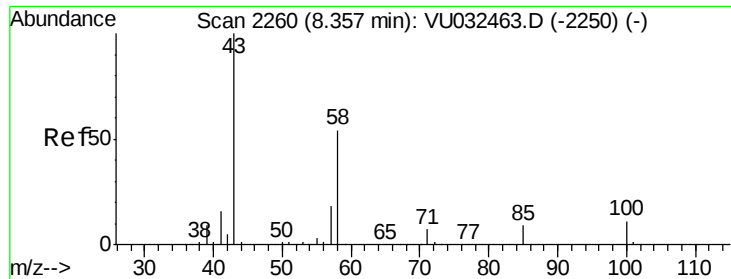
Tgt Ion: 75 Resp: 2419
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.750 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032476.D
 Acq: 05 Jun 2019 21:15

Tgt Ion: 75 Resp: 1525
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.1 41.1#

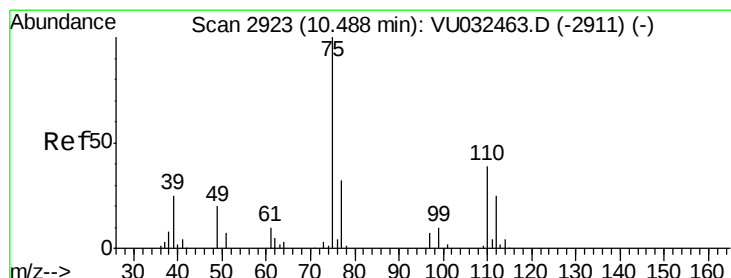
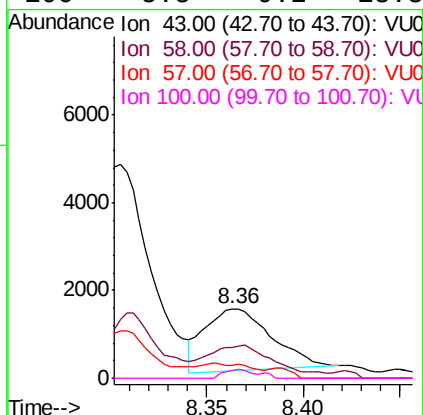
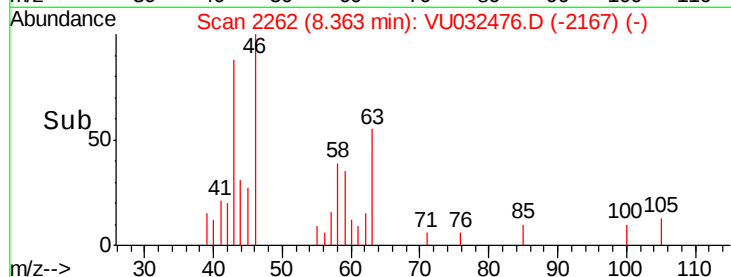
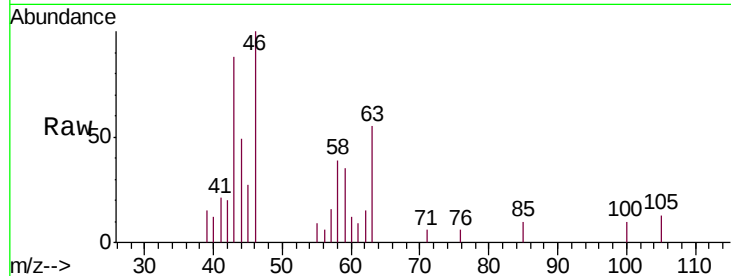




#48
2-Hexanone
Concen: 1.750 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032476.D
Acq: 05 Jun 2019 21:15

Instrument :
MSVOA_U
ClientSampleId :
DB8K5

Tgt Ion: 43 Resp: 3359
Ion Ratio Lower Upper
43 100
58 53.0 42.0 63.0
57 2.5 14.6 22.0#
100 5.8 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.066 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032476.D
Acq: 05 Jun 2019 21:15

Tgt Ion: 75 Resp: 11456
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4

