

Data File : VU032478.D
Acq On : 05 Jun 2019 22:01
Operator : JC/SP
Sample : K3213-16 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K7

Quant Time: Jun 06 04:09:41 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	204635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50024	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.36%
7) Chloroethane-d5	1.67	69	45104	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.56%
11) 1,1-Dichloroethene-d2	2.27	63	79814	30.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.40%
21) 2-Butanone-d5	4.17	46	109721	98.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.75%
24) Chloroform-d	4.64	84	111531	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.30	65	76467	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
32) Benzene-d6	5.33	84	235993	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.32	67	74285	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.56	98	223804	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	7.85	79	35512	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.31	63	76477	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109003	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	97064	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

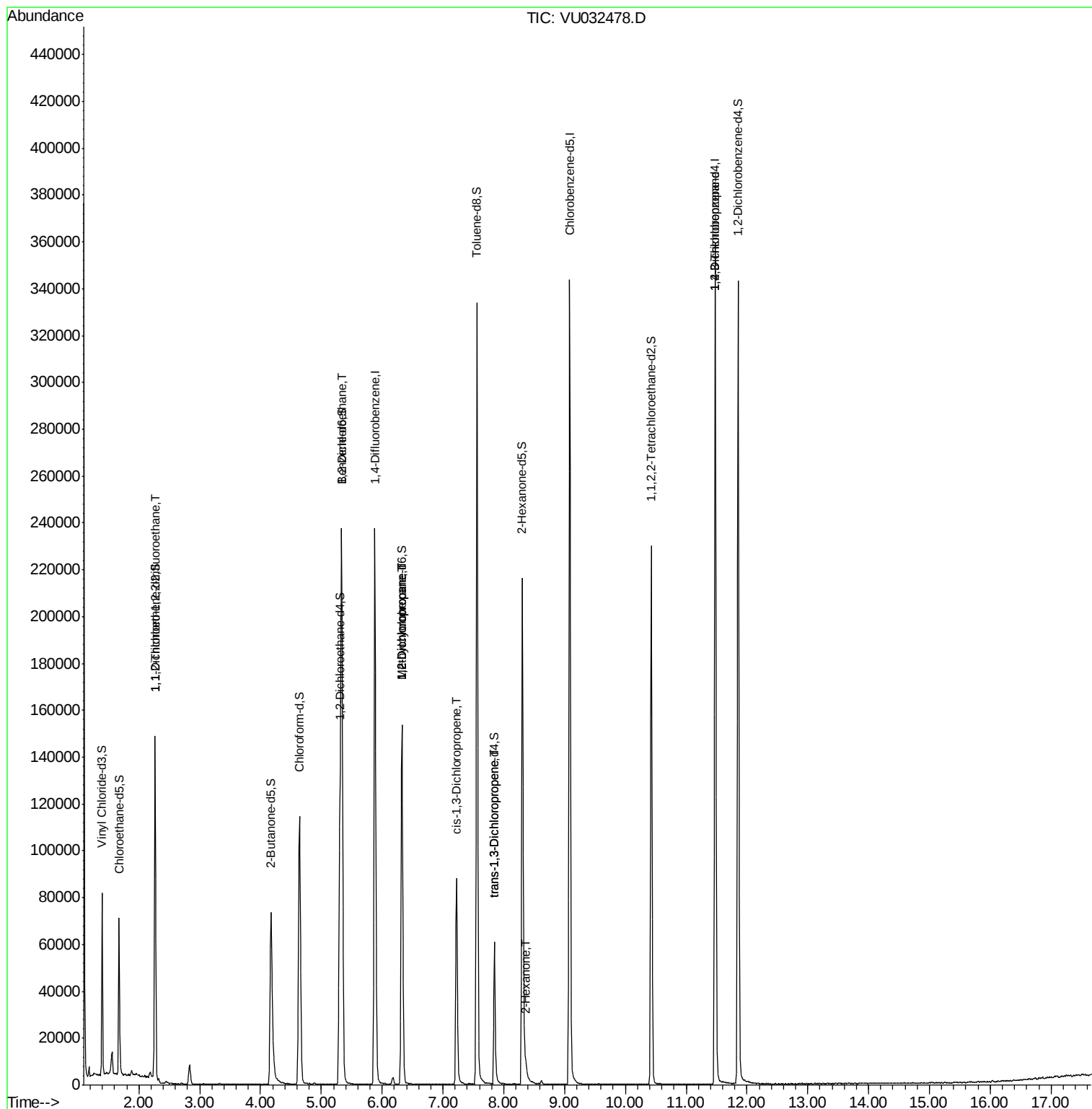
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	763	0.610	ug/L #	18
27) 1,2-Dichloroethane	5.34	62	1270	0.649	ug/L #	75
35) Methylcyclohexane	6.32	83	17032	7.075	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8318	5.741	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2352	1.029	ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	1638	0.807	ug/L #	78
48) 2-Hexanone	8.37	43	3406	1.779	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	11045	5.864	ug/L	90

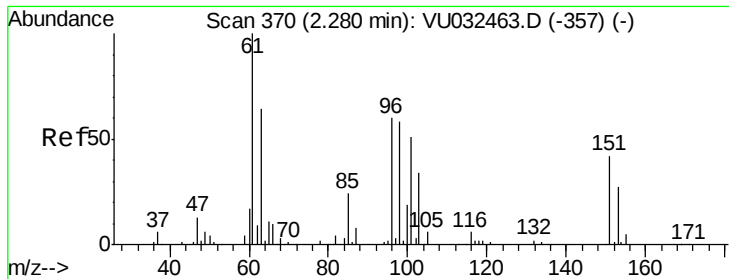
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.610 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032478.D

Acq: 05 Jun 2019 22:01

Instrument :

MSVOA_U

ClientSampleId :

DB8K7

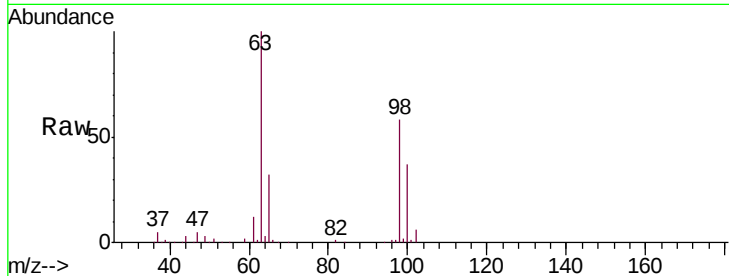
Tgt Ion: 101 Resp: 763

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

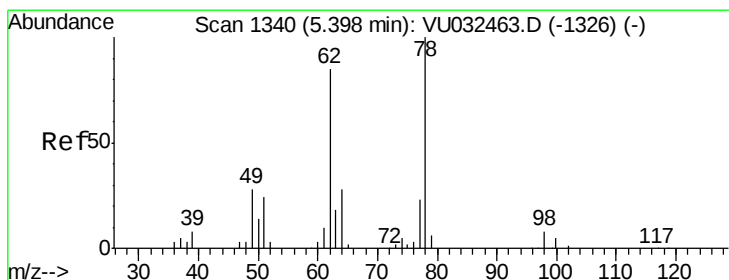
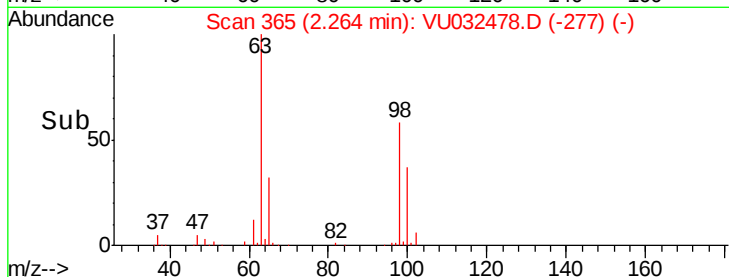
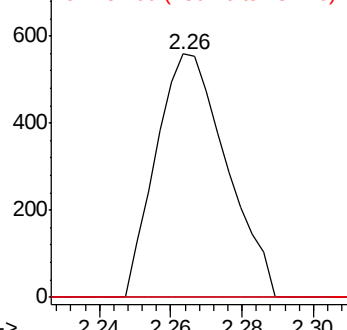
151 0.0 63.0 94.4#



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



#27

1,2-Dichloroethane

Concen: 0.649 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032478.D

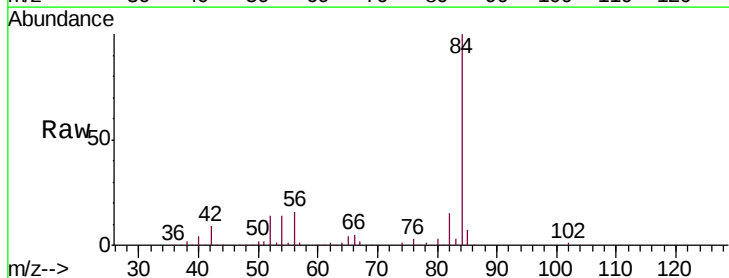
Acq: 05 Jun 2019 22:01

Tgt Ion: 62 Resp: 1270

Ion Ratio Lower Upper

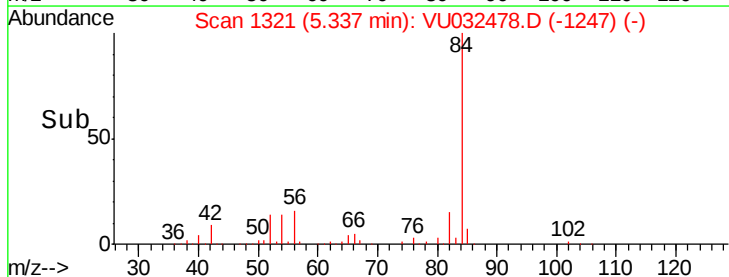
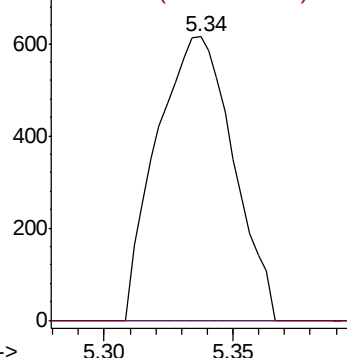
62 100

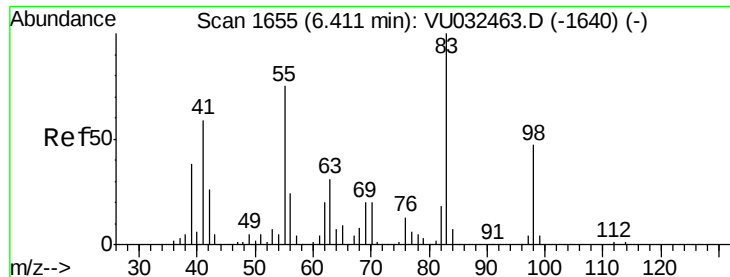
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#35

Methylcyclohexane

Concen: 7.075 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032478.D

Acq: 05 Jun 2019 22:01

Instrument :

MSVOA_U

ClientSampled :

DB8K7

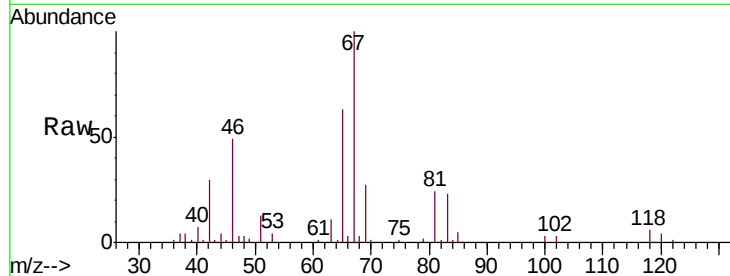
Tgt Ion: 83 Resp: 17032

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

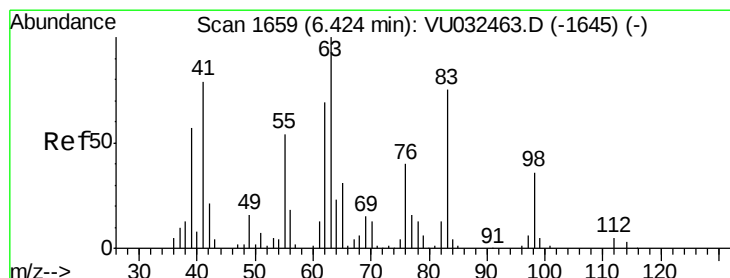
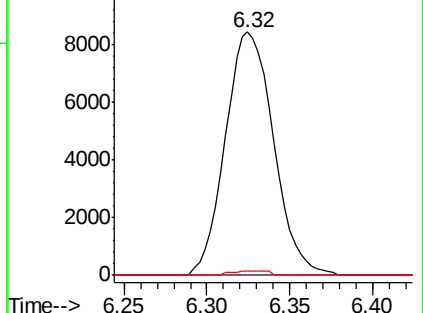
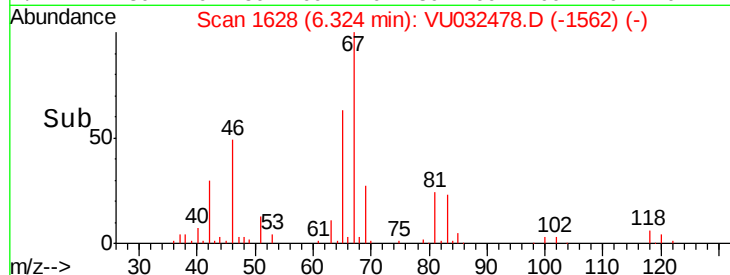
98 1.0 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032478.D (-1562) (-)

Ion 55.00 (54.70 to 55.70): VU032478.D (-1562) (-)

Ion 98.00 (97.70 to 98.70): VU032478.D (-1562) (-)



#37

1,2-Dichloropropane

Concen: 5.741 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032478.D

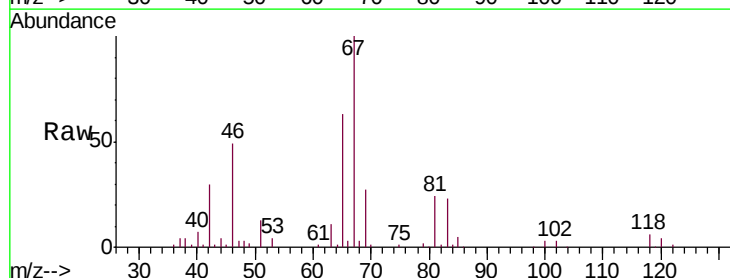
Acq: 05 Jun 2019 22:01

Tgt Ion: 63 Resp: 8318

Ion Ratio Lower Upper

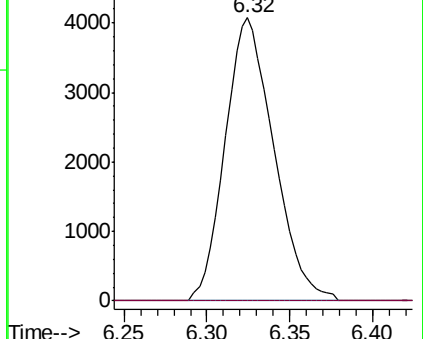
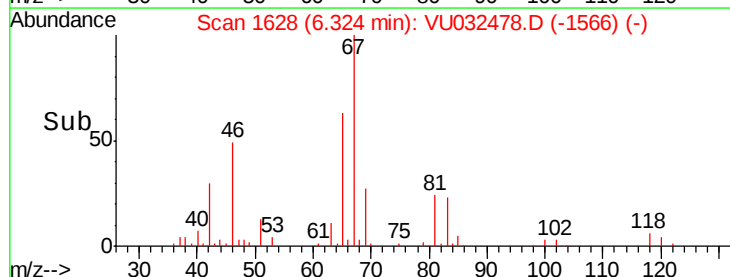
63 100

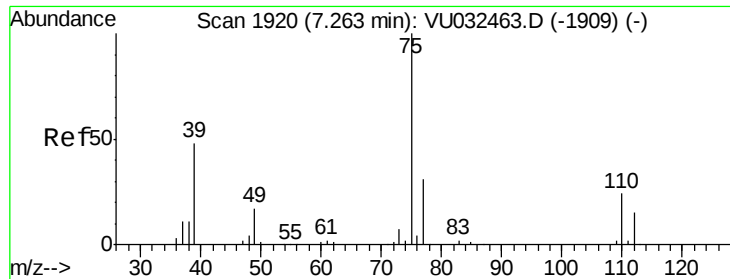
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU032478.D (-1566) (-)

Ion 112.00 (111.70 to 112.70): VU032478.D (-1566) (-)

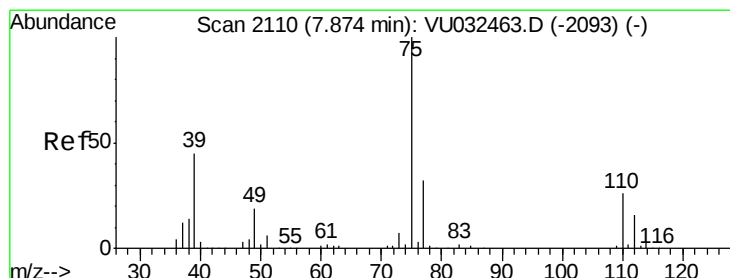
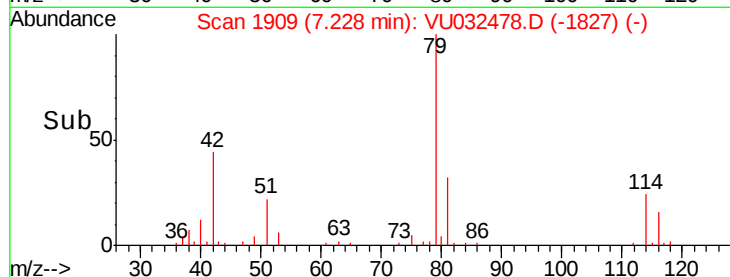
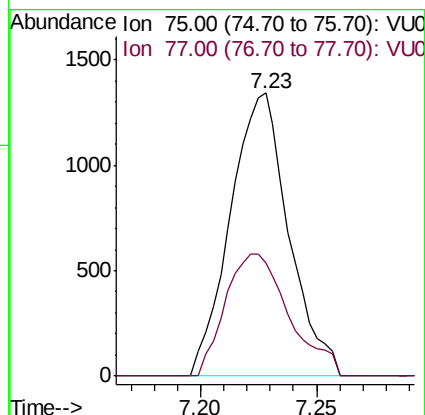
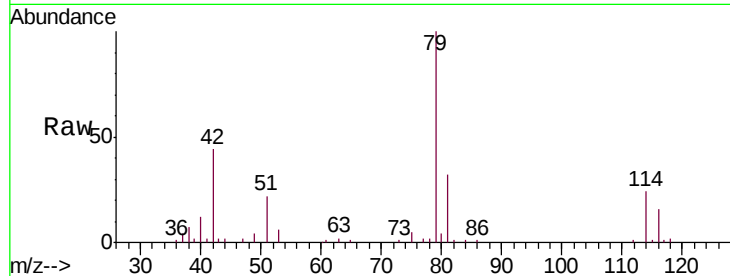




#39
 cis-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032478.D
 Acq: 05 Jun 2019 22:01

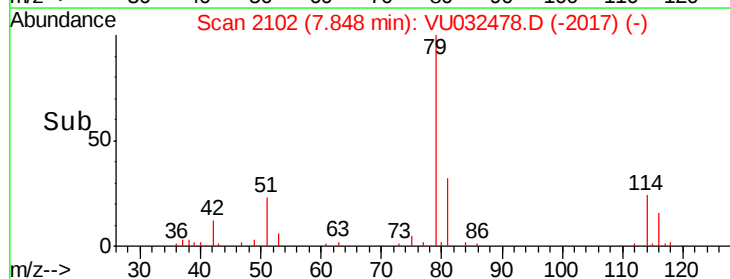
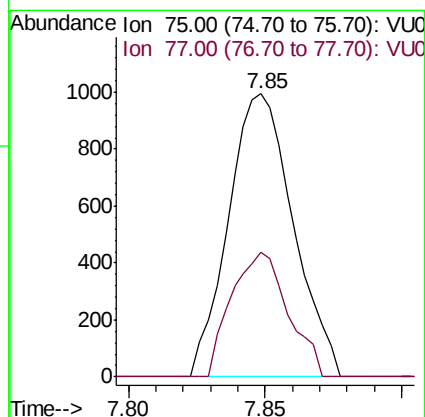
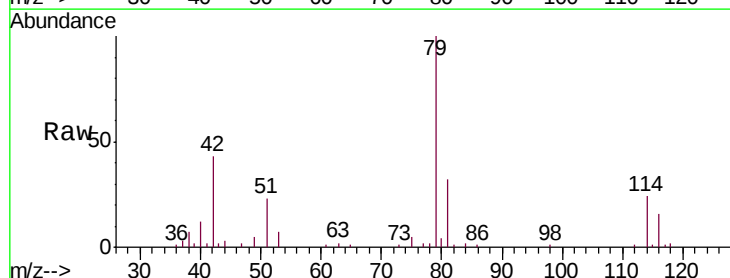
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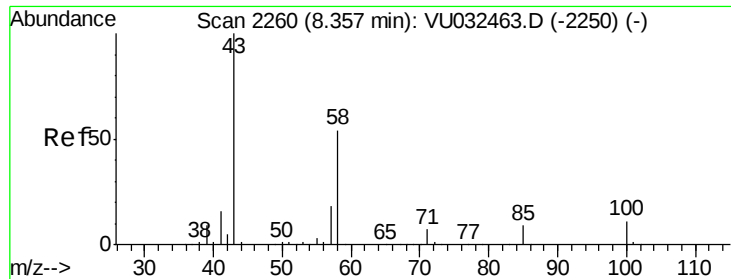
Tgt Ion: 75 Resp: 2352
 Ion Ratio Lower Upper
 75 100
 77 39.9 22.0 41.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.807 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032478.D
 Acq: 05 Jun 2019 22:01

Tgt Ion: 75 Resp: 1638
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.1 41.1#

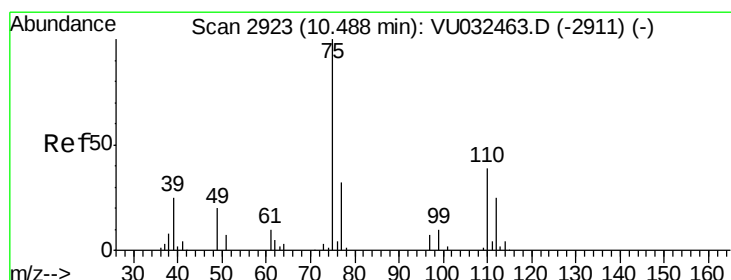
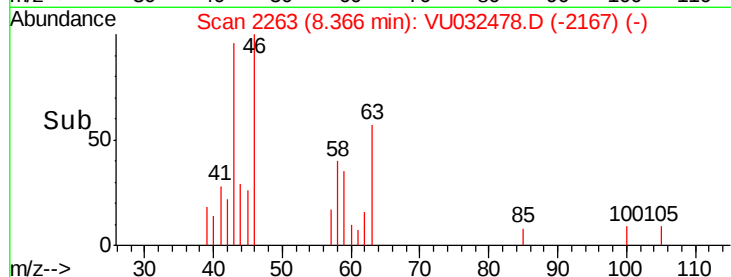
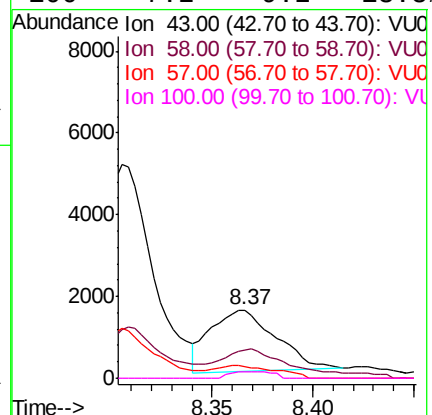
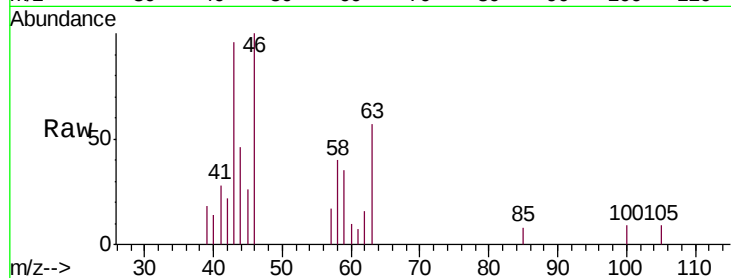




#48
 2-Hexanone
 Concen: 1.779 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032478.D
 Acq: 05 Jun 2019 22:01

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K7

Tgt Ion: 43 Resp: 3406
 Ion Ratio Lower Upper
 43 100
 58 36.1 42.0 63.0#
 57 6.4 14.6 22.0#
 100 7.2 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.864 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032478.D
 Acq: 05 Jun 2019 22:01

Tgt Ion: 75 Resp: 11045
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.6 38.4

