

Data File : VU032471.D
Acq On : 05 Jun 2019 19:20
Operator : JC/SP
Sample : K3213-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J9

Quant Time: Jun 06 04:08:52 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	210084	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	200816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51358	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.36%
7) Chloroethane-d5	1.67	69	45143	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.42%
11) 1,1-Dichloroethene-d2	2.27	63	81413	30.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.02%
21) 2-Butanone-d5	4.17	46	111393	97.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	4.64	84	115083	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.30	65	76942	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.33	84	240559	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
36) 1,2-Dichloropropane-d6	6.32	67	76475	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.56	98	227003	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.85	79	35875	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.31	63	77408	97.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110385	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	97781	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

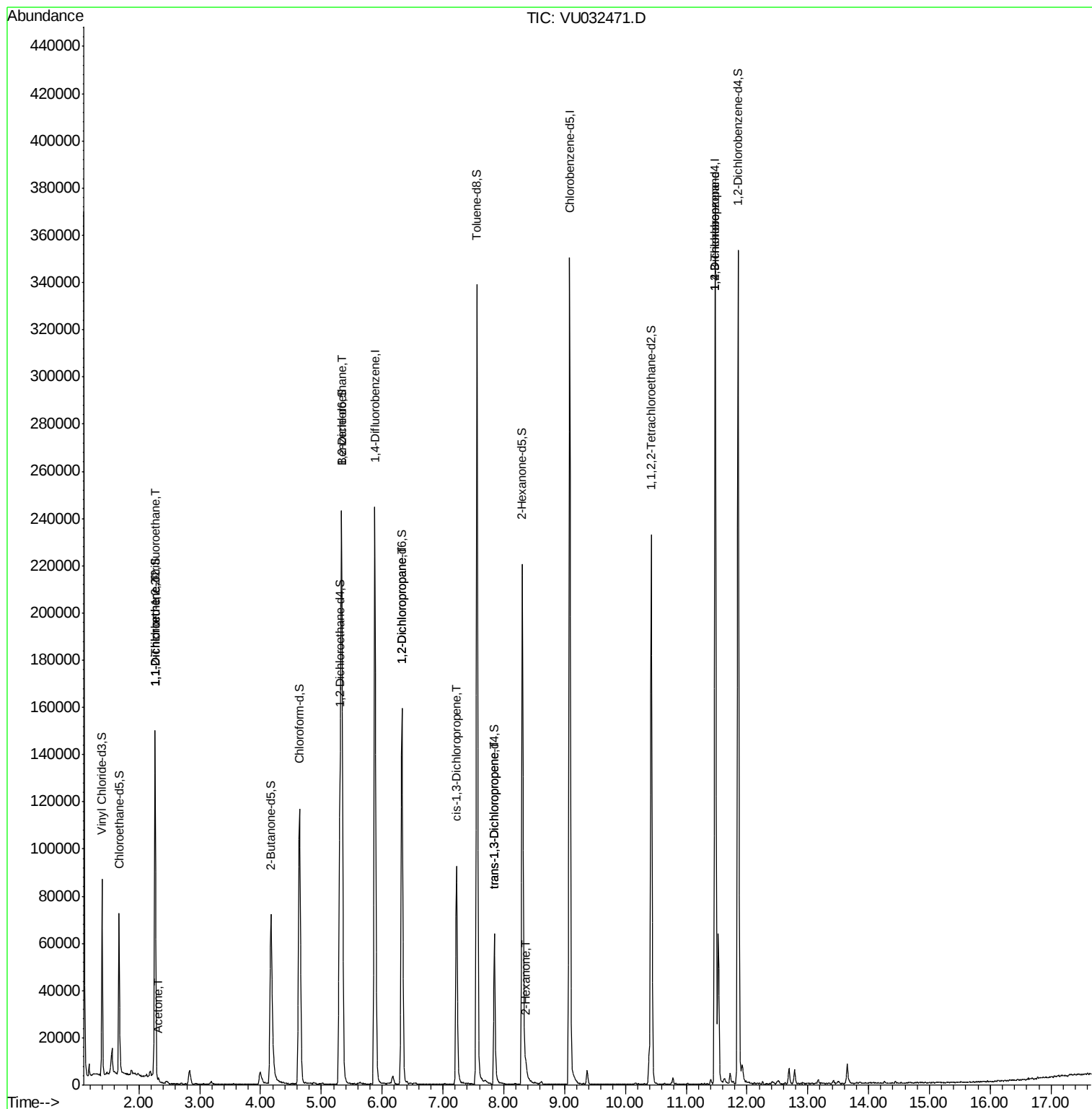
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	817	0.636 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	747	0.599 ug/L #	1
13) Acetone	2.32	43	1047	0.890 ug/L	93
27) 1,2-Dichloroethane	5.34	62	1431	0.712 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8246	5.513 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2279	0.966 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1699	0.811 ug/L	89
48) 2-Hexanone	8.37	43	2796	1.415 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	11415	5.871 ug/L	93

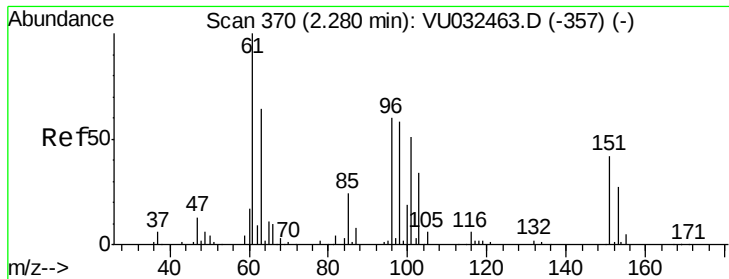
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.636 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 05 Jun 2019 19:20

Instrument :

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DB8J9

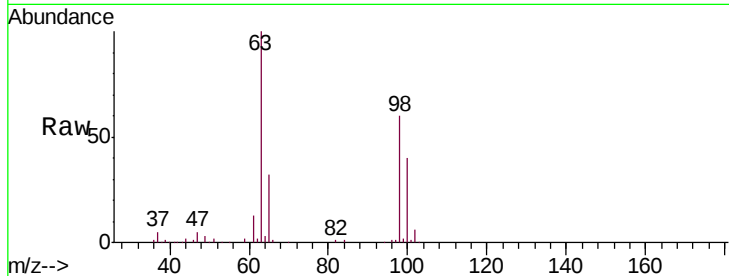
Tgt Ion: 101 Resp: 817

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

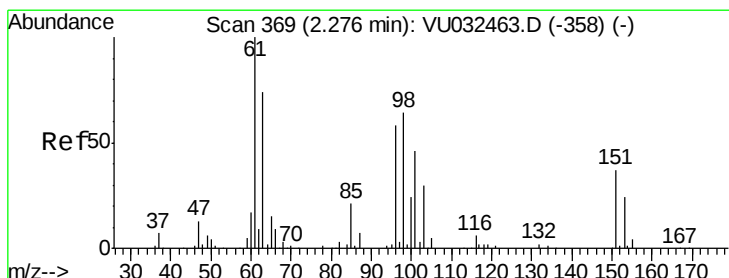
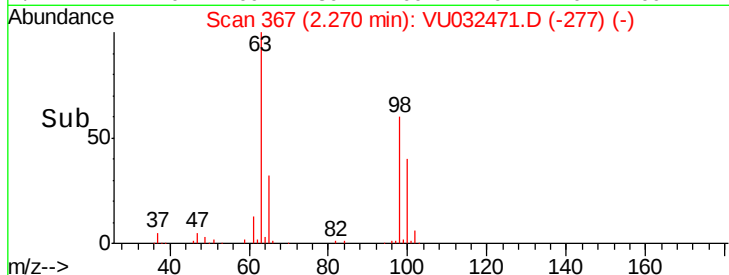
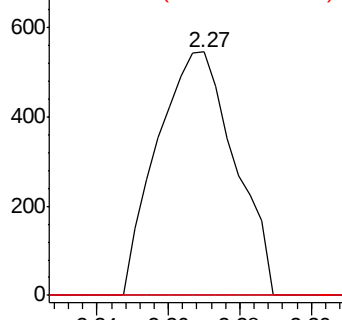
151 0.0 63.0 94.4#



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: 0.599 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032471.D

Acq: 05 Jun 2019 19:20

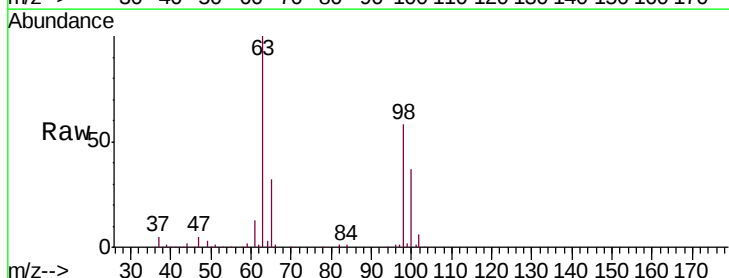
Tgt Ion: 96 Resp: 747

Ion Ratio Lower Upper

96 100

61 1253.4 129.5 240.5#

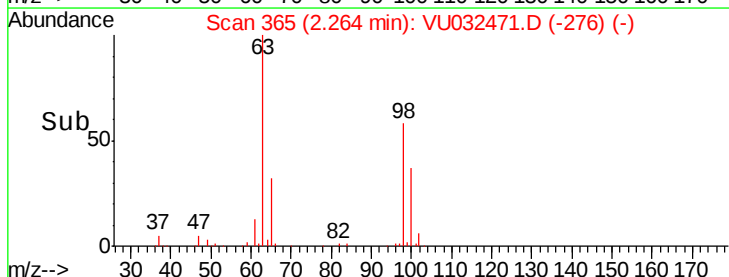
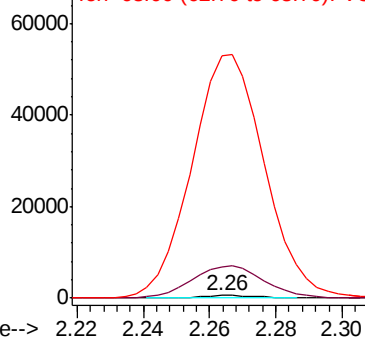
63 9710.1 103.4 192.0#

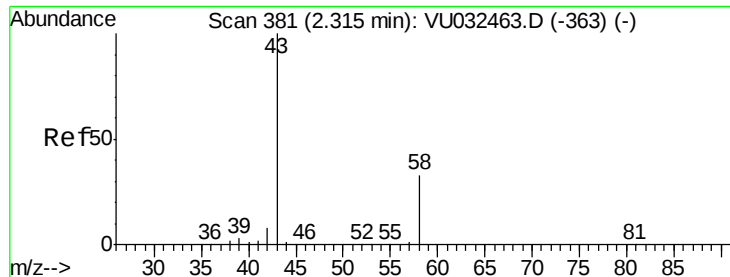


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.890 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

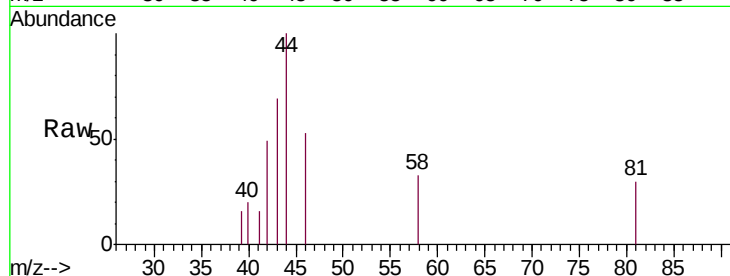
DB8J9

Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032463.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU032463.D (-363) (-)

2.32

500

400

300

200

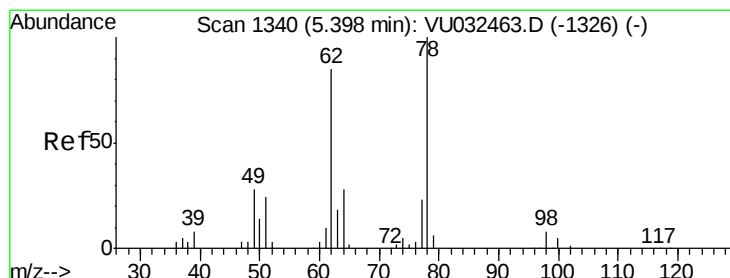
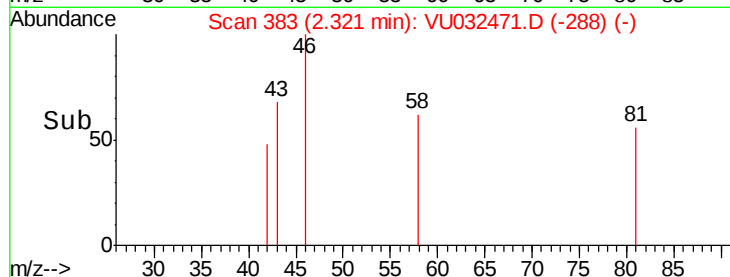
100

0

2.30

2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.712 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032471.D

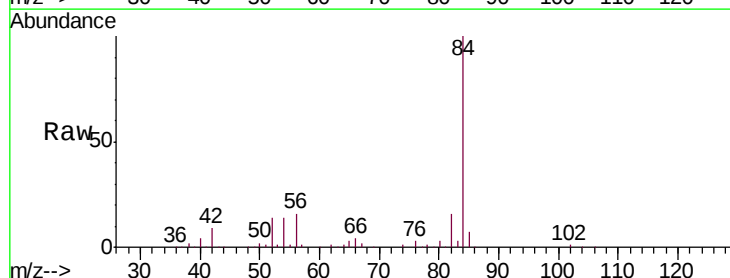
Acq: 05 Jun 2019 19:20

Tgt Ion: 62 Resp: 1431

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) (-)

5.34

800

600

400

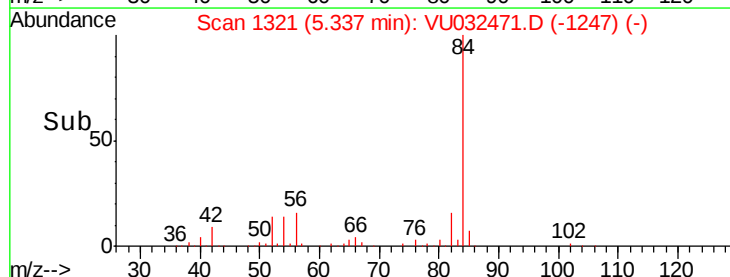
200

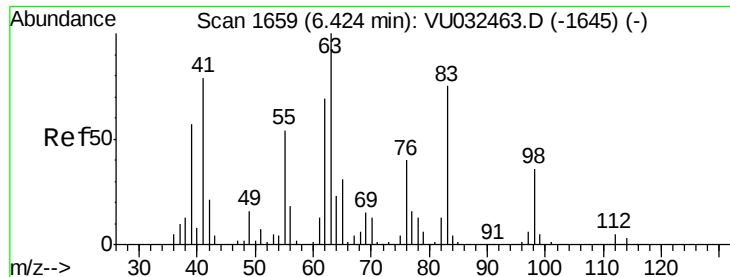
0

5.30

5.35

Time-->

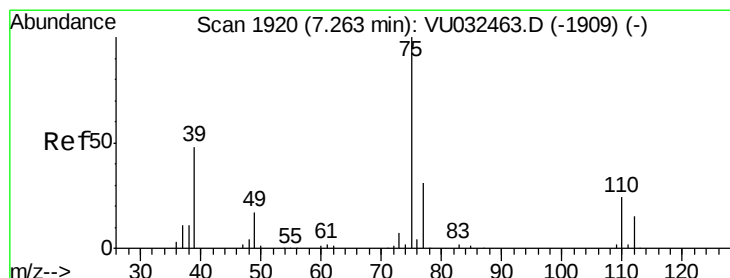
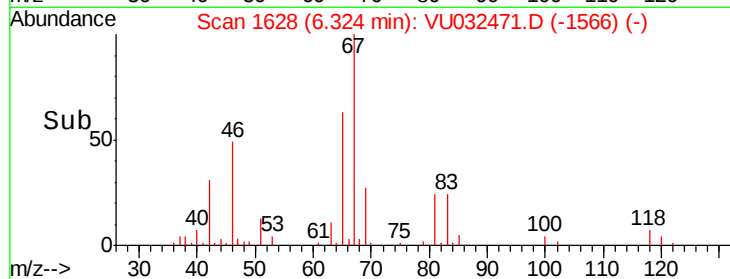
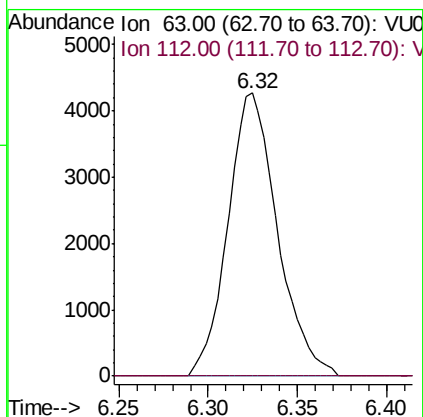
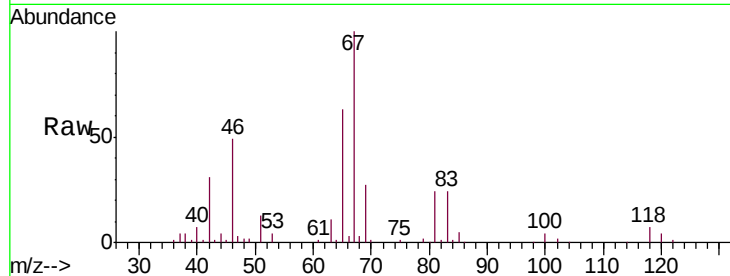




#37
 1,2-Dichloropropane
 Concen: 5.513 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032471.D
 Acq: 05 Jun 2019 19:20

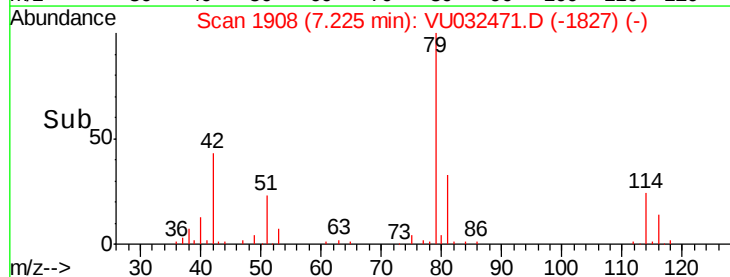
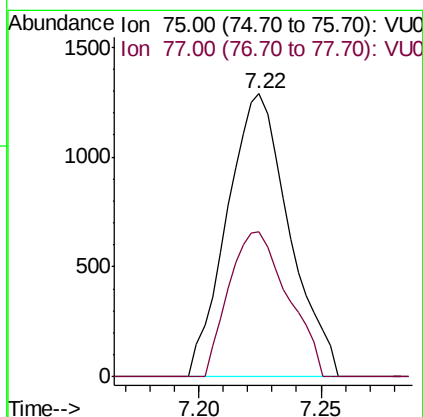
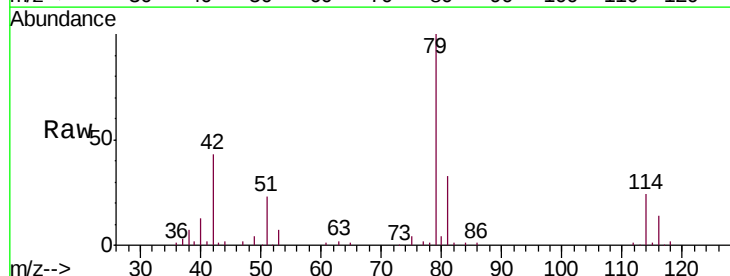
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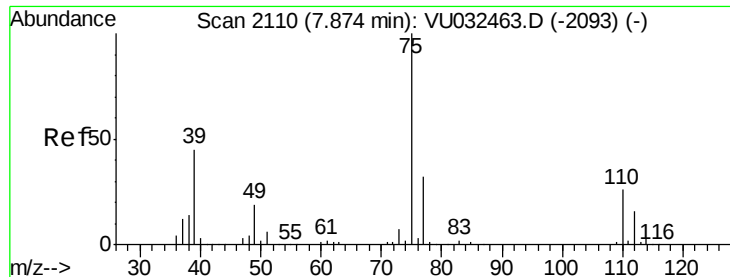
Tgt Ion: 63 Resp: 8246
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.966 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032471.D
 Acq: 05 Jun 2019 19:20

Tgt Ion: 75 Resp: 2279
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.0 41.0#

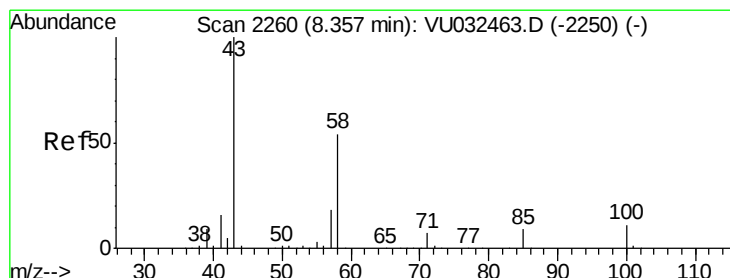
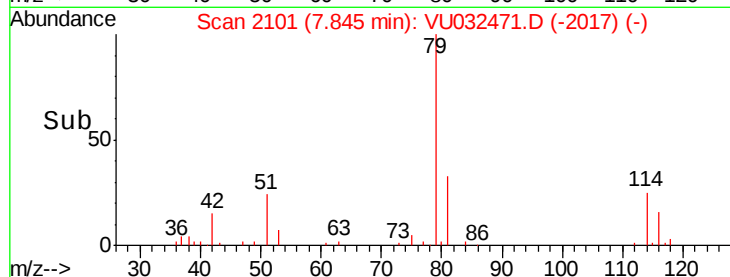
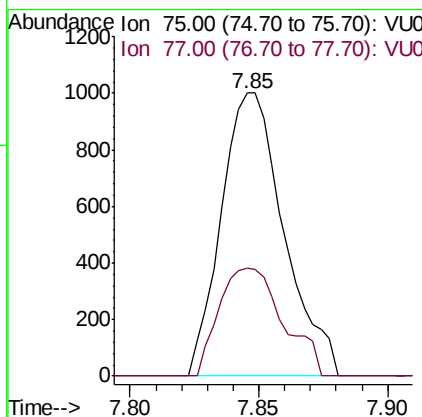
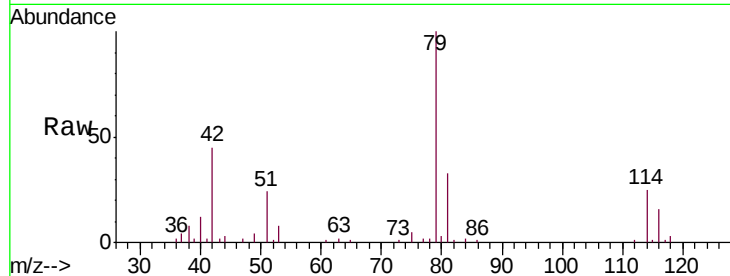




#44
trans-1,3-Dichloropropene
Concen: 0.811 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032471.D
Acq: 05 Jun 2019 19:20

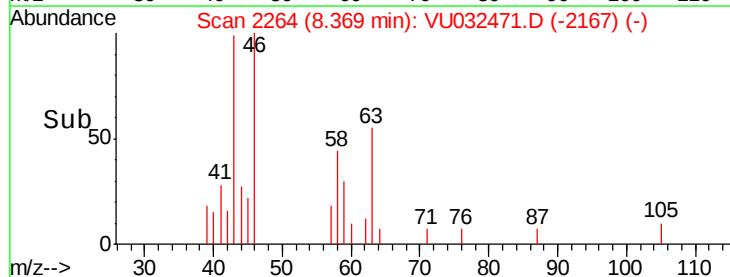
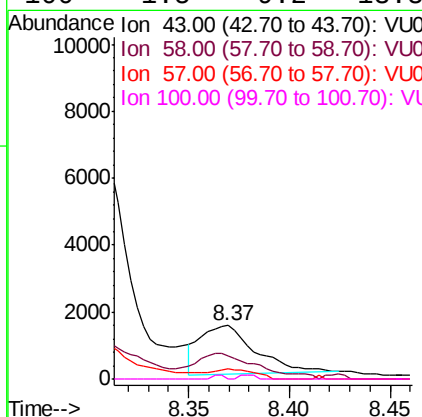
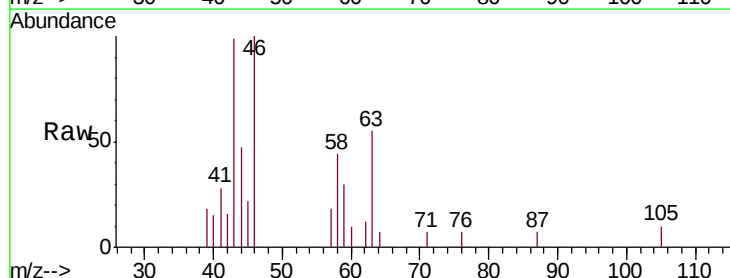
Instrument :
MSVOA_U
ClientSampleId :
DB8J9

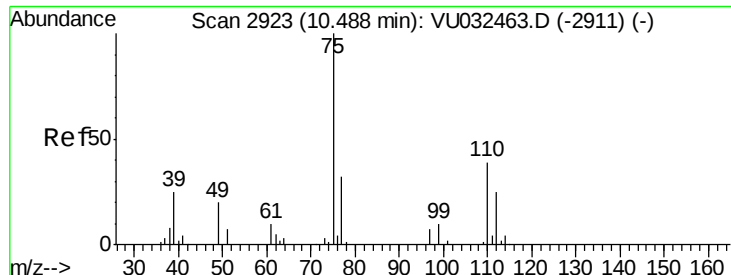
Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 38.0 22.1 41.1



#48
2-Hexanone
Concen: 1.415 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032471.D
Acq: 05 Jun 2019 19:20

Tgt Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
58 41.8 42.0 63.0#
57 15.7 14.6 22.0
100 1.5 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.871 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032471.D

Acq: 05 Jun 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

DB8J9

Tgt Ion: 75 Resp: 11415

Ion Ratio Lower Upper

75 100

77 35.8 25.6 38.4

