

Data File : VU032667.D
Acq On : 12 Jun 2019 21:05
Operator : JC/SP
Sample : K3313-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLY9

Quant Time: Jun 13 06:02:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160502	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78294	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50055	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.16%
7) Chloroethane-d5	1.68	69	41463	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	76204	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.17	46	88057	96.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.87%
24) Chloroform-d	4.64	84	96789	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.30	65	64969	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.33	84	193733	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.32	67	61861	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.56	98	176577	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.85	79	27336	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.31	63	49828	78.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86384	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	72493	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

Target Compounds

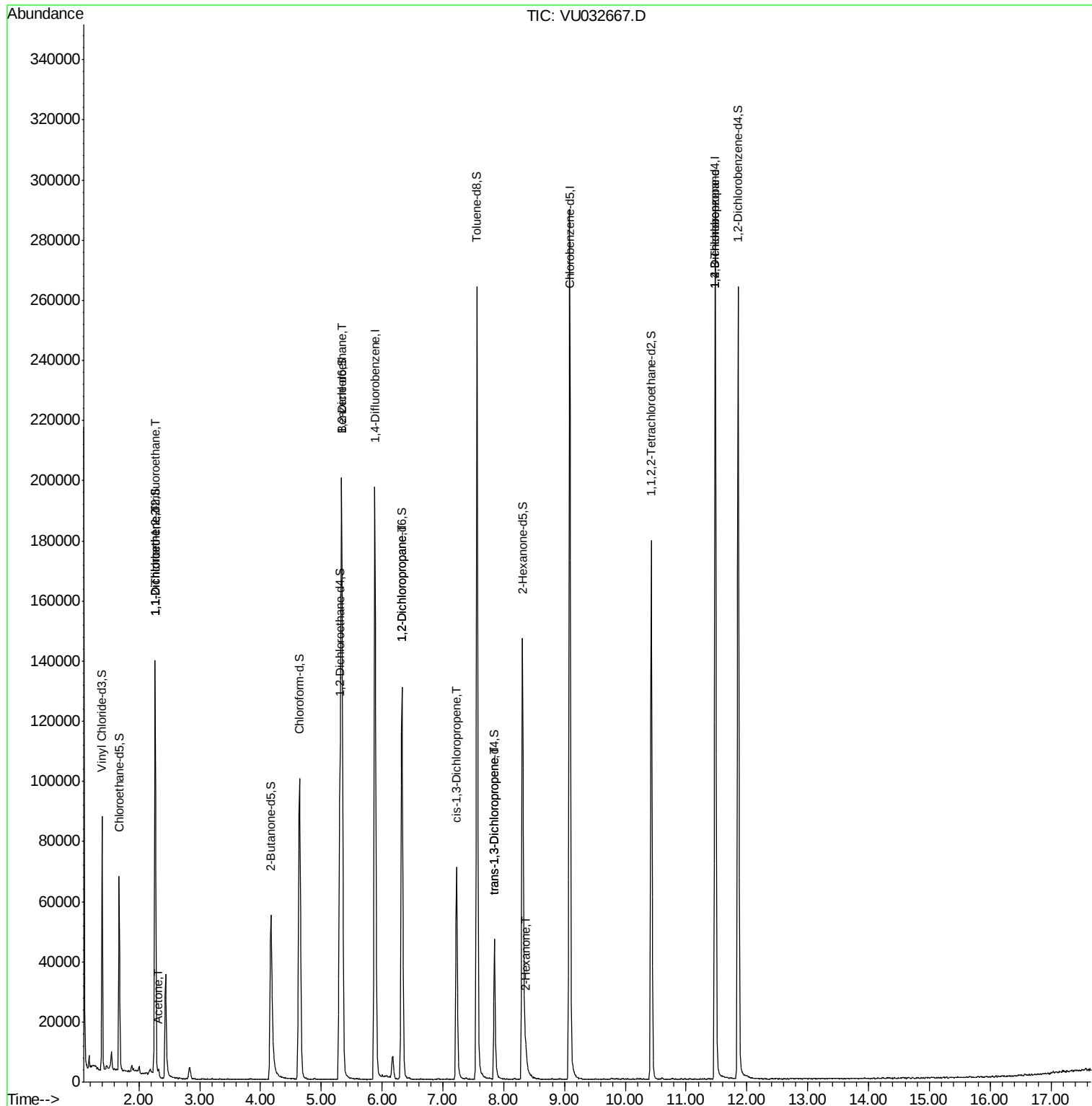
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	680	0.665	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	660	0.664	ug/L #	1
13) Acetone	2.32	43	2584	2.755	ug/L	88
27) 1,2-Dichloroethane	5.34	62	1119	0.699	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	6875	5.751	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1899	1.007	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	1308	0.781	ug/L #	51
48) 2-Hexanone	8.36	43	5172	3.274	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	9485	6.103	ug/L	89

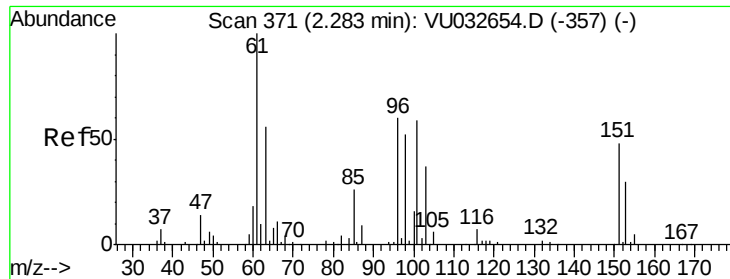
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.665 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

C0LY9

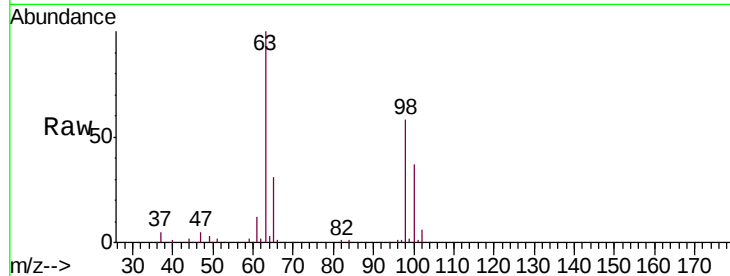
Tgt Ion: 101 Resp: 680

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

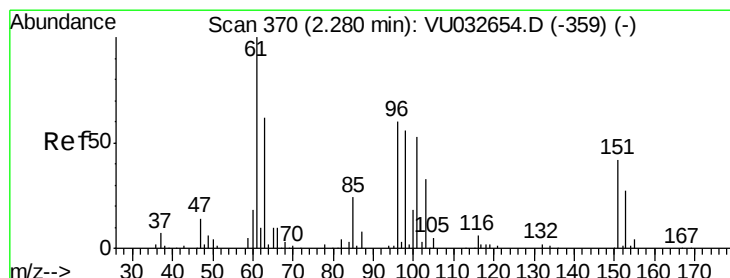
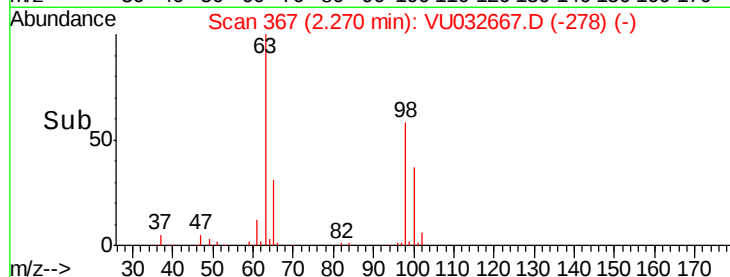
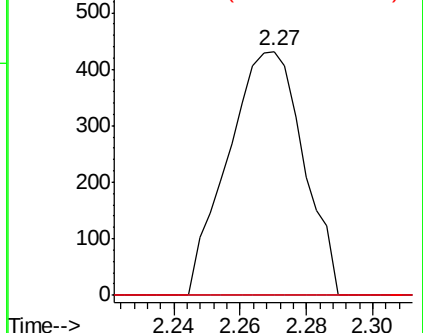
151 0.0 63.0 94.4#



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: 0.664 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032667.D

Acq: 12 Jun 2019 21:05

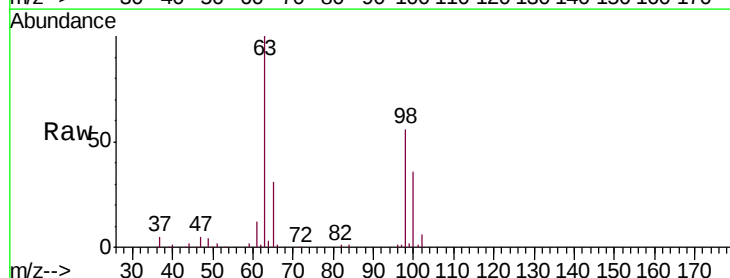
Tgt Ion: 96 Resp: 660

Ion Ratio Lower Upper

96 100

61 1482.3 129.5 240.5#

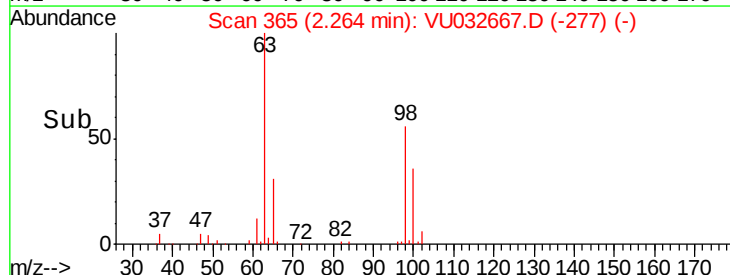
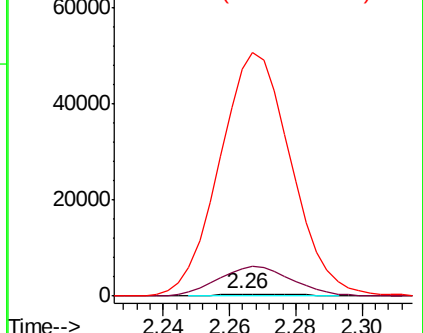
63 12119.3 103.4 192.0#

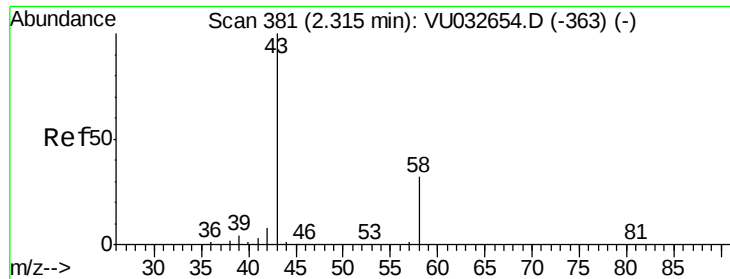


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.755 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

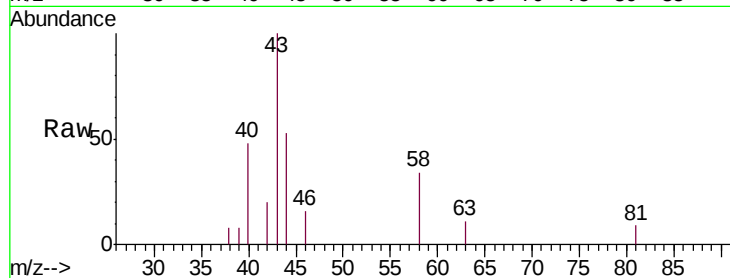
C0LY9

Tgt Ion: 43 Resp: 2584

Ion Ratio Lower Upper

43 100

58 25.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032667.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032667.D (-288) (-)

2.32

1500

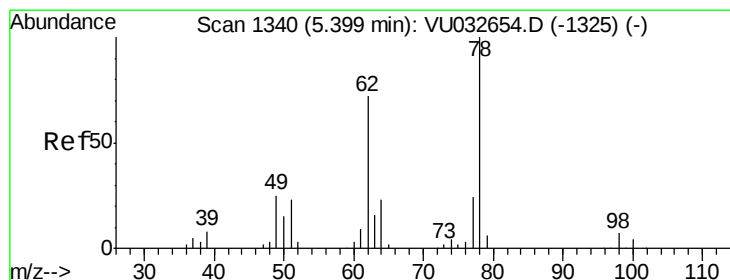
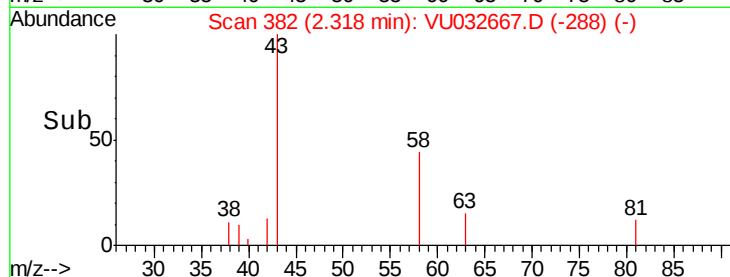
1000

500

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.699 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032667.D

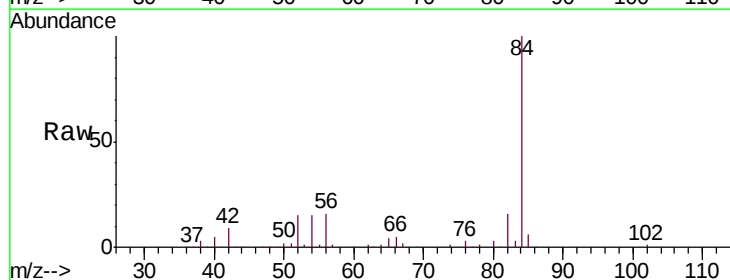
Acq: 12 Jun 2019 21:05

Tgt Ion: 62 Resp: 1119

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032667.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU032667.D (-1247) (-)

5.34

600

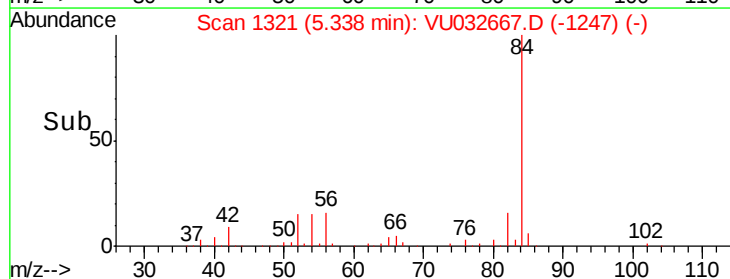
400

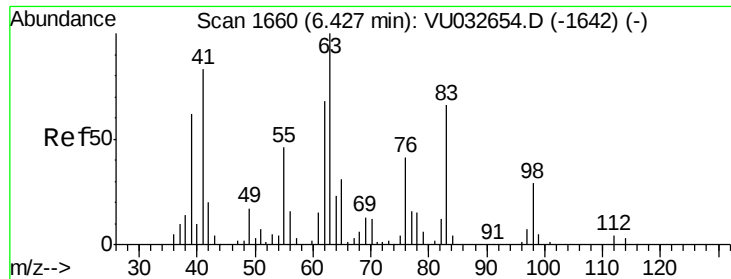
200

0

5.30 5.35

Time-->

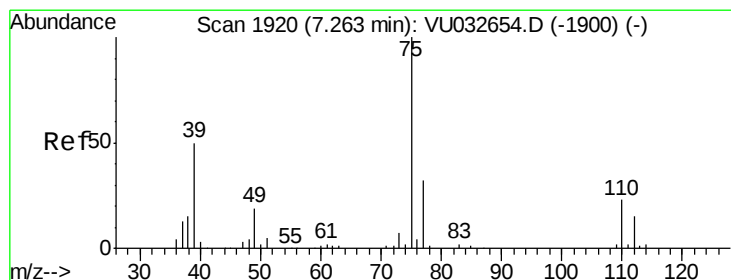
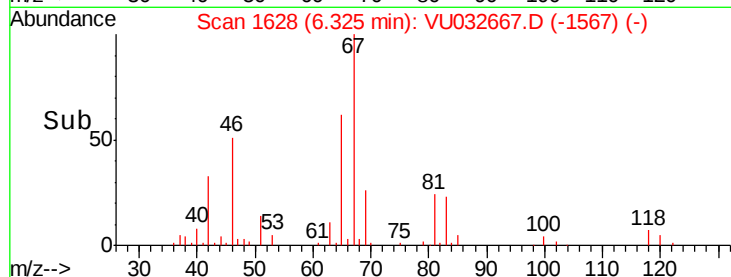
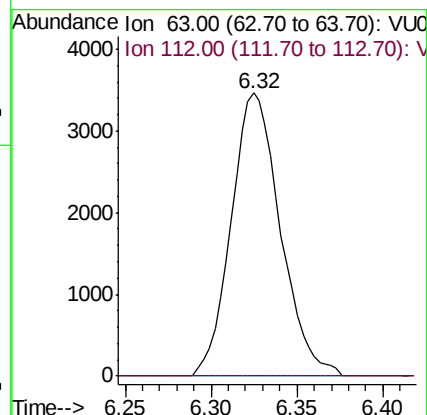
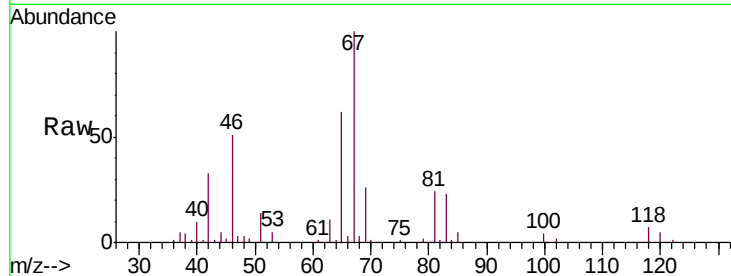




#37
 1,2-Dichloropropane
 Concen: 5.751 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032667.D
 Acq: 12 Jun 2019 21:05

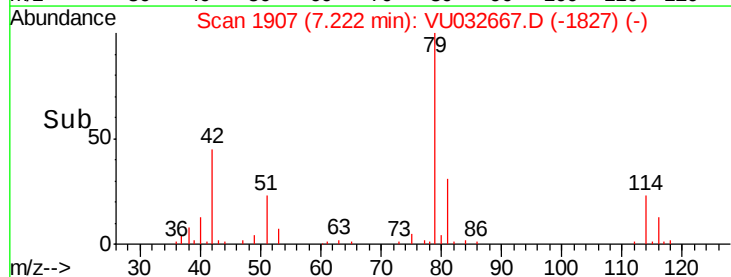
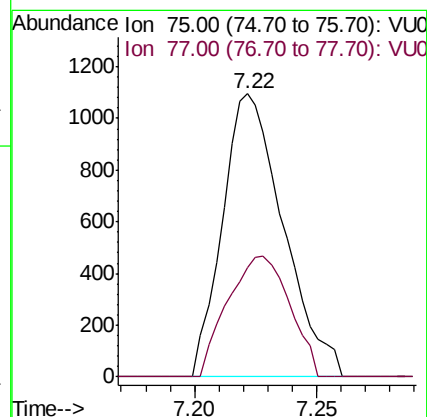
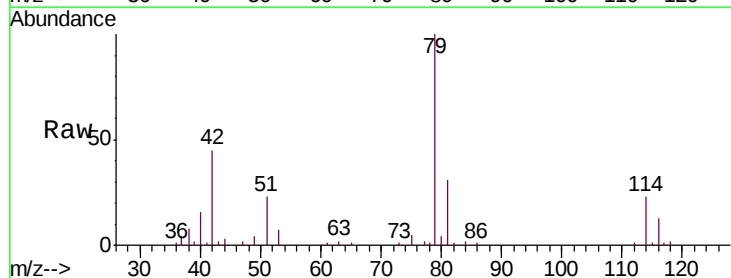
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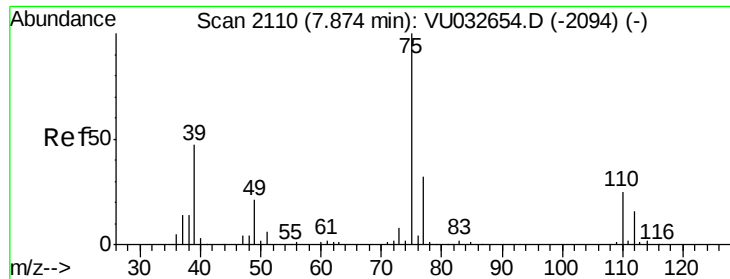
Tgt Ion: 63 Resp: 6875
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.007 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032667.D
 Acq: 12 Jun 2019 21:05

Tgt Ion: 75 Resp: 1899
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.0 41.0

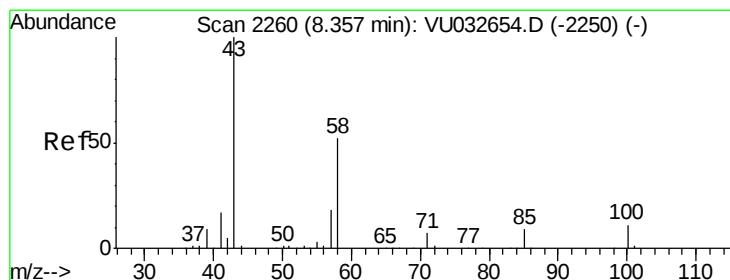
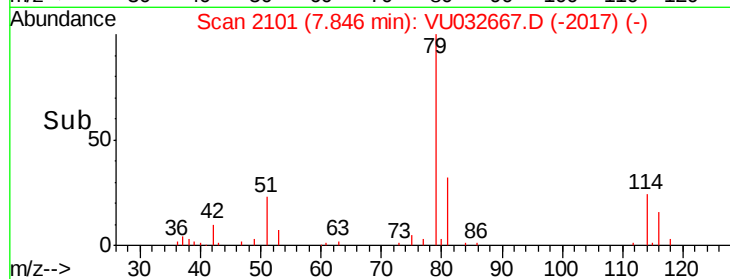
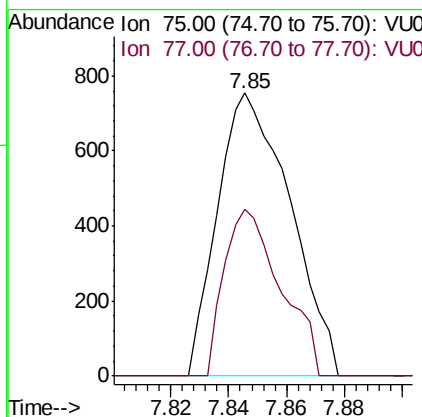
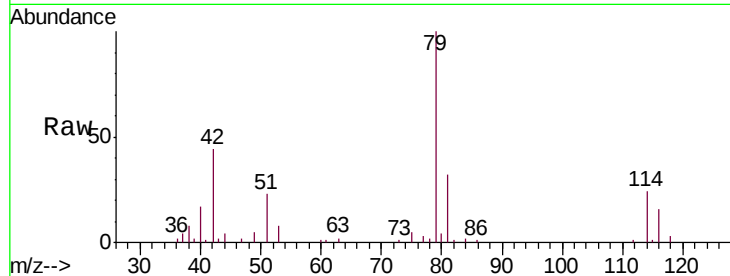




#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032667.D
Acq: 12 Jun 2019 21:05

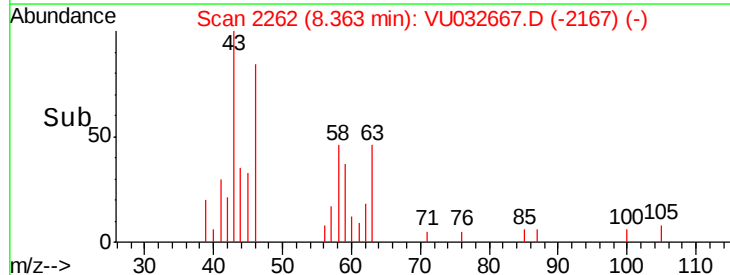
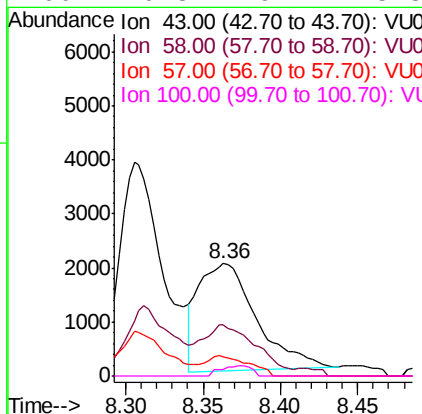
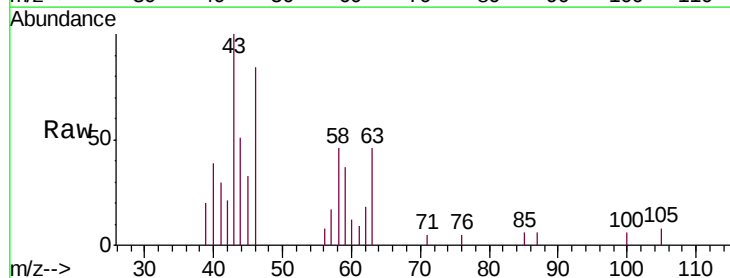
Instrument :
MSVOA_U
ClientSampleId :
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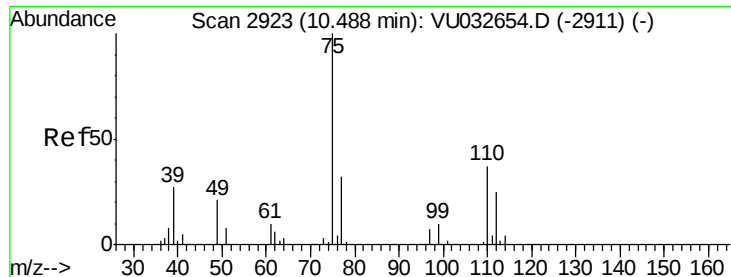
Tgt Ion: 75 Resp: 1308
Ion Ratio Lower Upper
75 100
77 58.8 22.1 41.1#



#48
2-Hexanone
Concen: 3.274 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032667.D
Acq: 12 Jun 2019 21:05

Tgt Ion: 43 Resp: 5172
Ion Ratio Lower Upper
43 100
58 30.9 42.0 63.0#
57 13.7 14.6 22.0#
100 0.8 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.103 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032667.D
 Acq: 12 Jun 2019 21:05

Instrument :
 MSVOA_U
 ClientSampleId :
 COLY9

Tgt Ion: 75 Resp: 9485
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.6 38.4

