

Data File : VU032632.D
Acq On : 11 Jun 2019 23:51
Operator : JC/SP
Sample : K3293-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R3

Quant Time: Jun 12 07:34:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	164499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	159236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42090	39.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.88%
7) Chloroethane-d5	1.68	69	38106	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.86%
11) 1,1-Dichloroethene-d2	2.27	63	67188	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.17	46	93232	104.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.39%
24) Chloroform-d	4.64	84	97148	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.30	65	65913	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.33	84	192500	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.32	67	63403	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.56	98	173077	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.85	79	27411	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.31	63	52873	84.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94706	50.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	75359	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

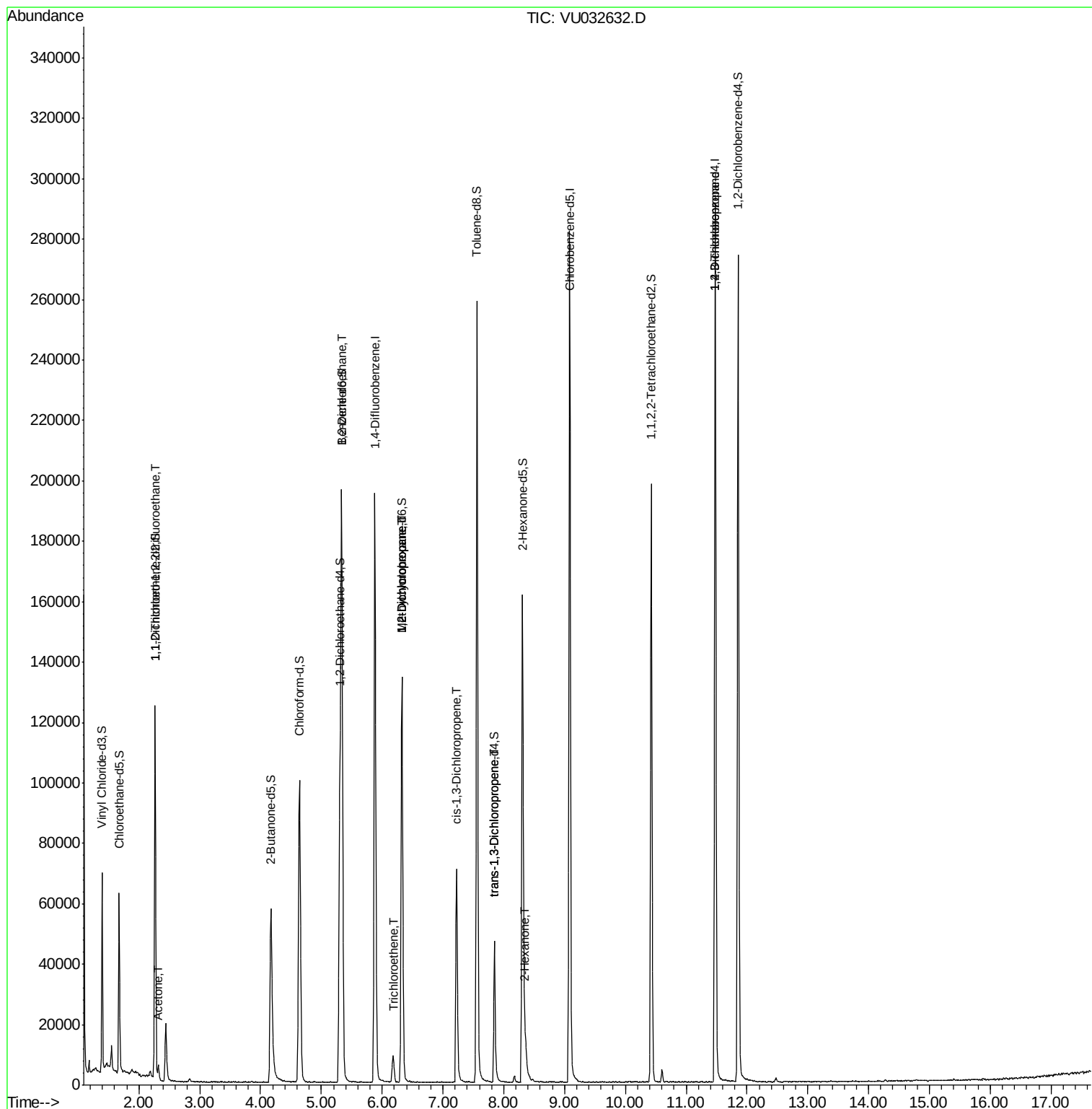
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	585	0.582 ug/L #	18
13) Acetone	2.32	43	4764	5.170 ug/L	99
27) 1,2-Dichloroethane	5.33	62	1139	0.724 ug/L #	75
34) Trichloroethene	6.18	95	1892	1.554 ug/L	88
35) Methylcyclohexane	6.32	83	14653	7.436 ug/L #	24
37) 1,2-Dichloropropane	6.33	63	7107	5.992 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1886	1.008 ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1287	0.775 ug/L	84
48) 2-Hexanone	8.36	43	5715	3.647 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	9264	6.009 ug/L	92

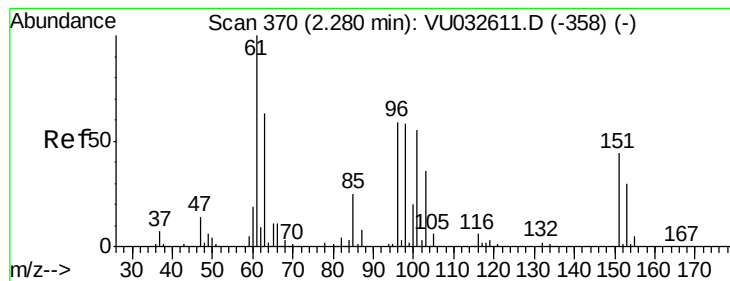
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.582 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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MSVOA_U

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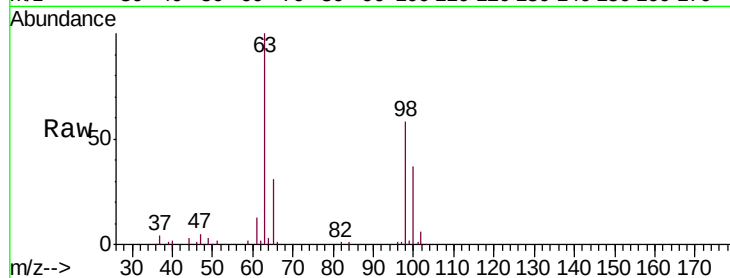
Tgt Ion: 101 Resp: 585

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

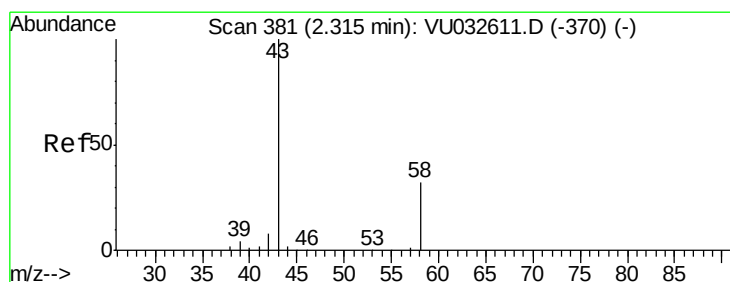
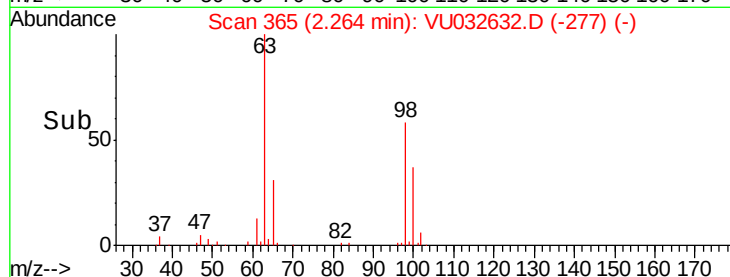
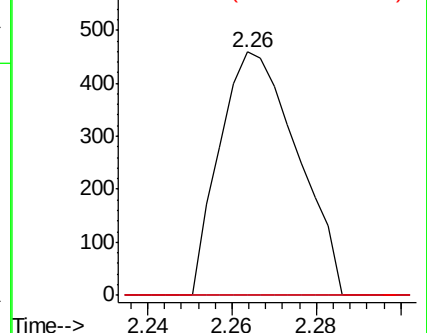
151 0.0 63.0 94.4#



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: 5.170 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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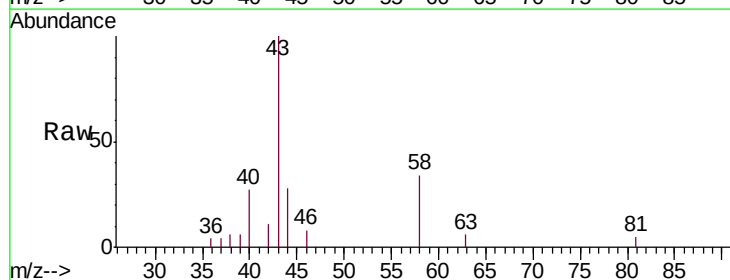
Acq: 11 Jun 2019 23:51

Tgt Ion: 43 Resp: 4764

Ion Ratio Lower Upper

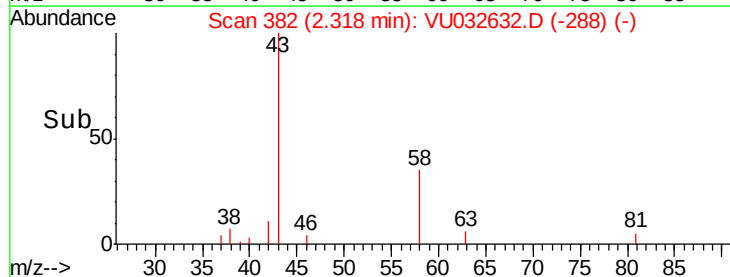
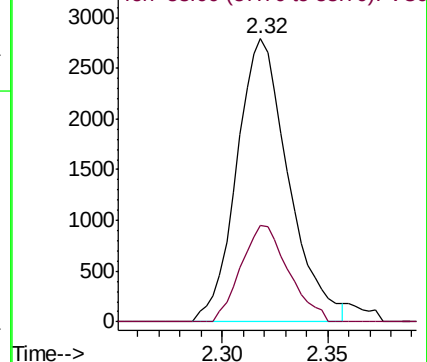
43 100

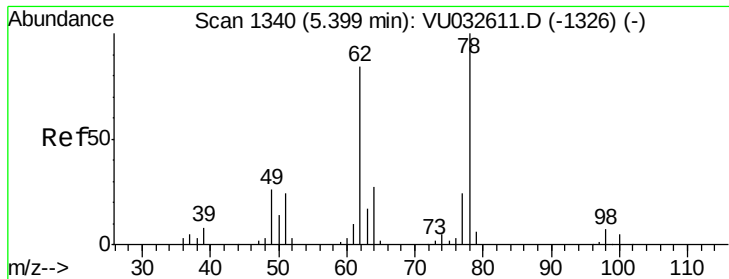
58 31.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 0.724 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

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Instrument :

MSVOA_U

ClientSampleId :

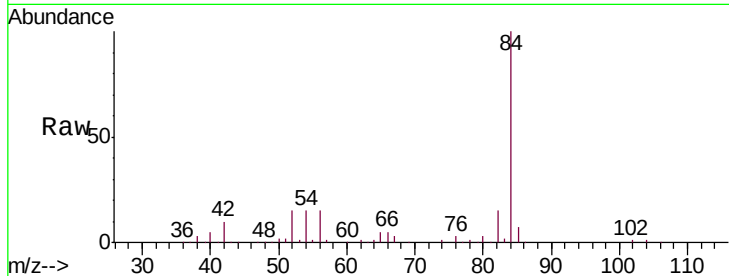
DB8R3

Tgt Ion: 62 Resp: 1139

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

5.33

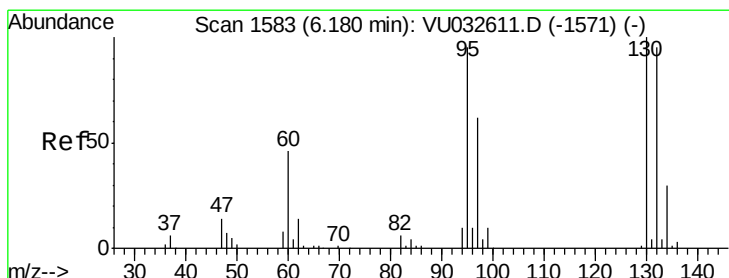
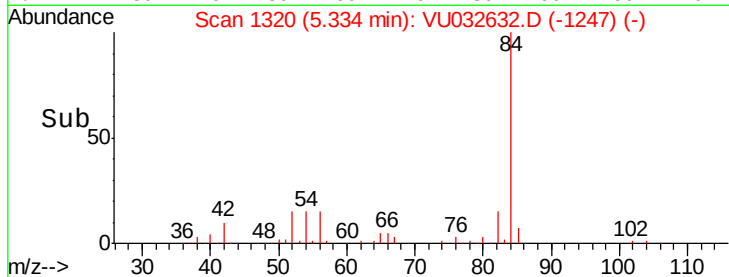
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 1.554 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032632.D

Acq: 11 Jun 2019 23:51

Tgt Ion: 95 Resp: 1892

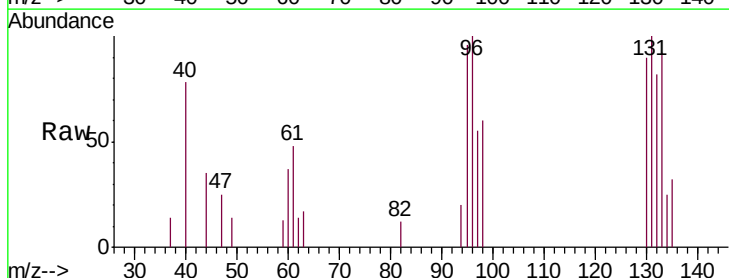
Ion Ratio Lower Upper

95 100

97 58.0 45.8 85.2

132 85.3 71.0 131.8

130 94.2 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

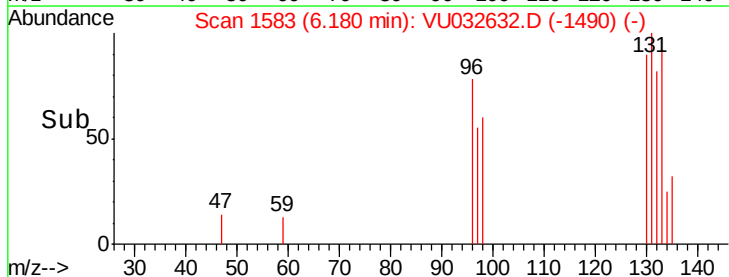
1500

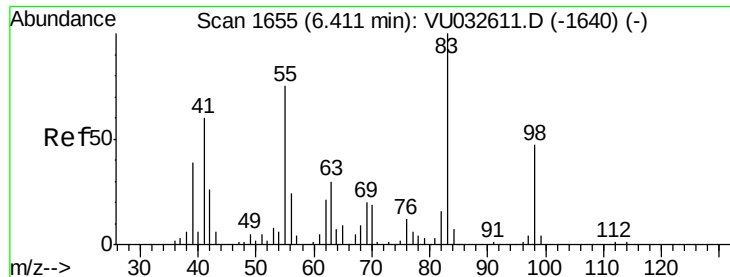
1000

500

0

Time-->

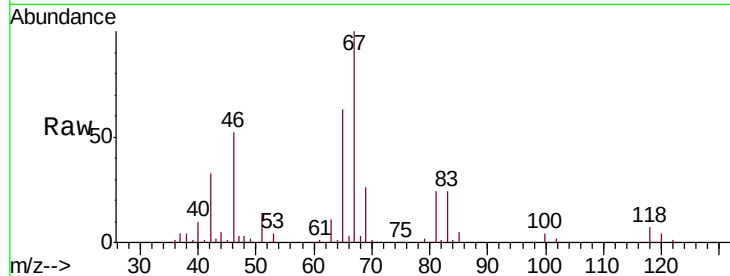




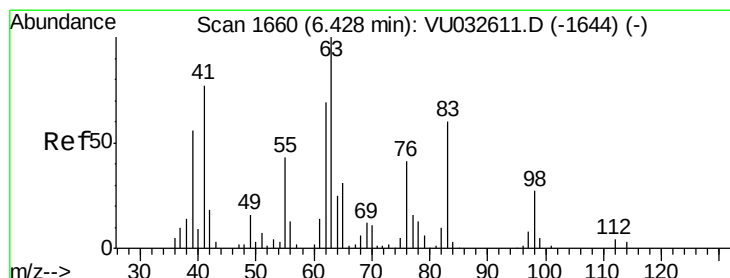
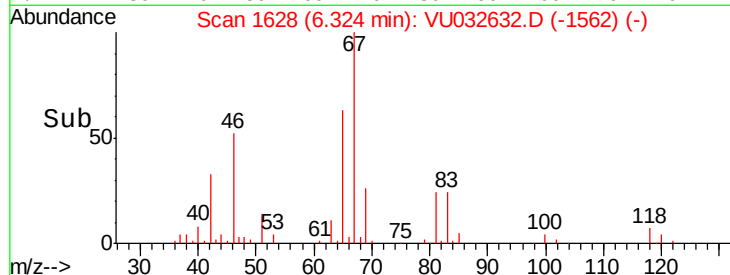
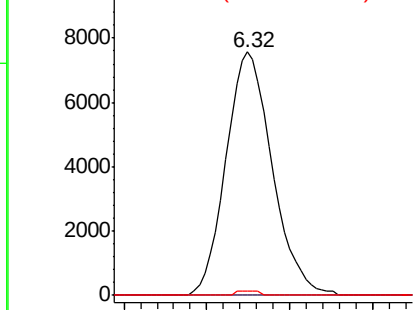
#35
Methylcyclohexane
Concen: 7.436 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032632.D
Acq: 11 Jun 2019 23:51

Instrument :
MSVOA_U
ClientSampleId :
DB8R3

Tgt Ion: 83 Resp: 14653
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 8.8 37.4 56.2#

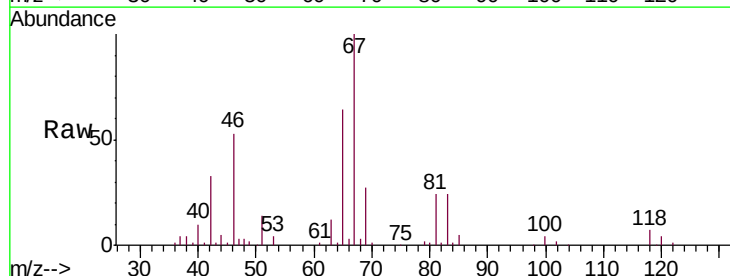


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

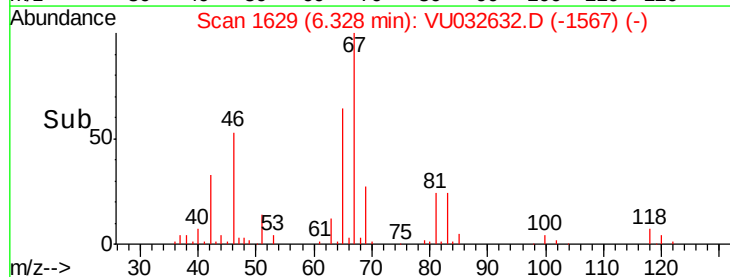
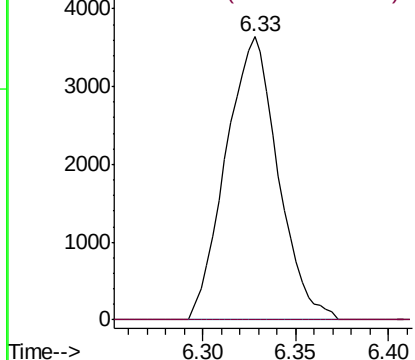


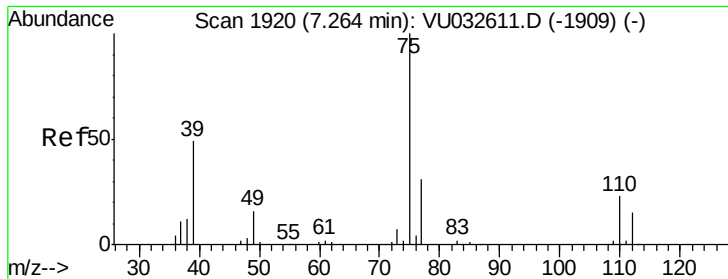
#37
1,2-Dichloropropane
Concen: 5.992 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032632.D
Acq: 11 Jun 2019 23:51

Tgt Ion: 63 Resp: 7107
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

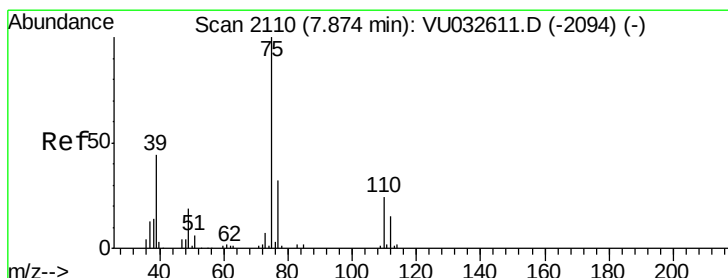
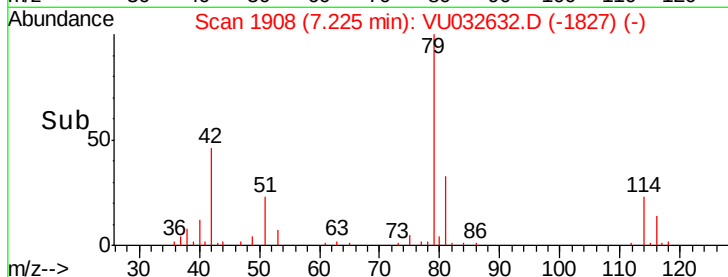
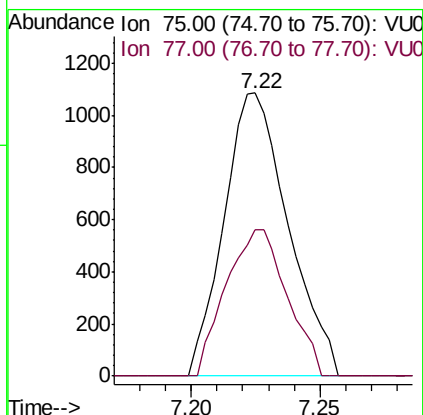
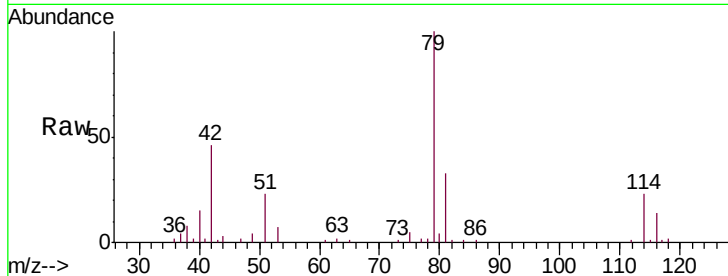




#39
 cis-1,3-Dichloropropene
 Concen: 1.008 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032632.D
 Acq: 11 Jun 2019 23:51

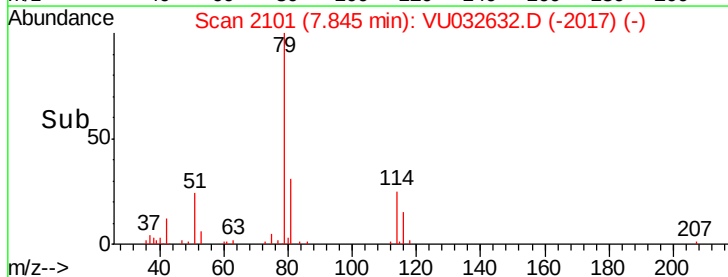
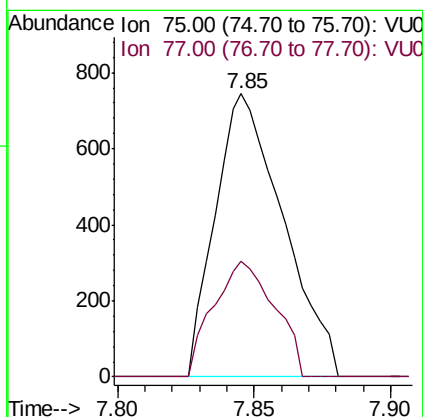
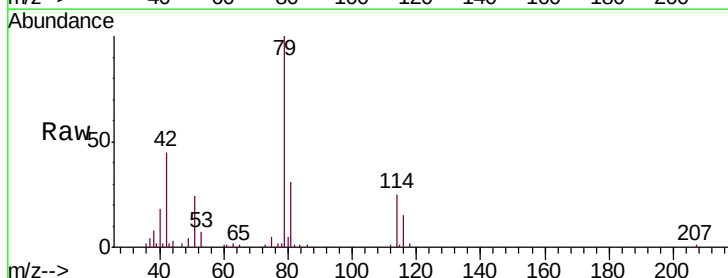
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R3

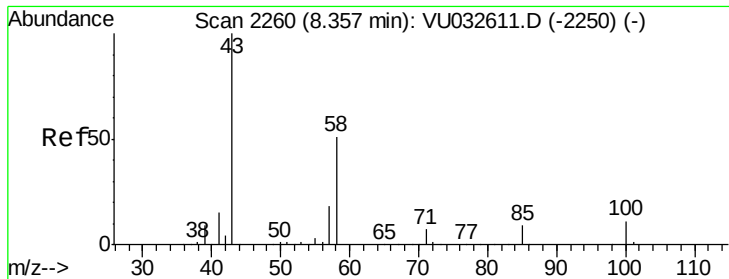
Tgt Ion: 75 Resp: 1886
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.775 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032632.D
 Acq: 11 Jun 2019 23:51

Tgt Ion: 75 Resp: 1287
 Ion Ratio Lower Upper
 75 100
 77 40.7 22.1 41.1

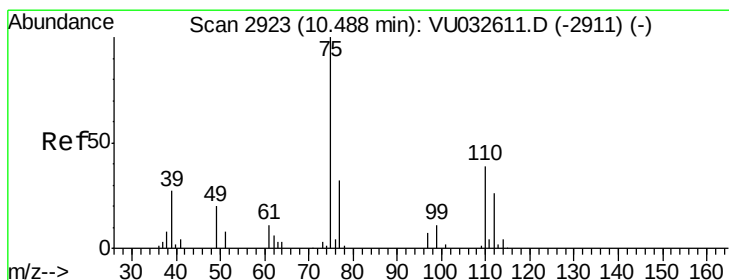
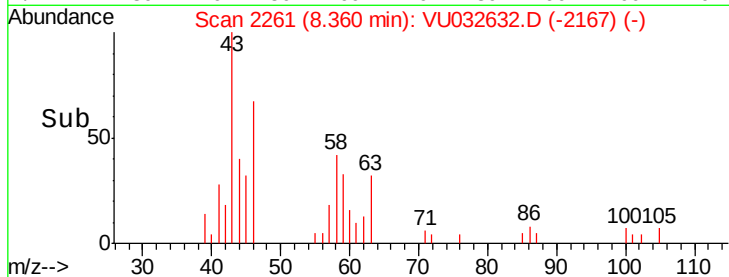
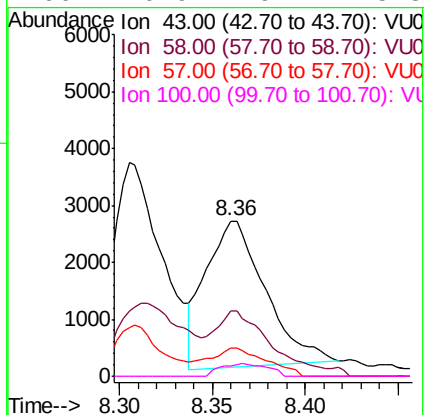
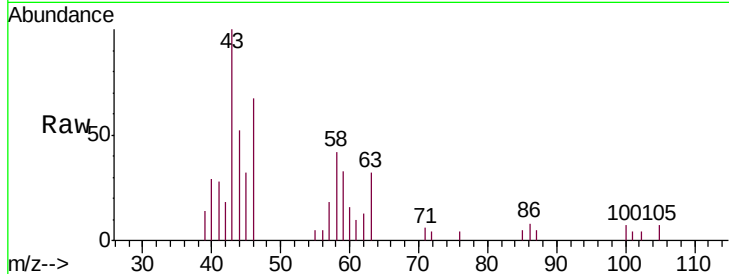




#48
2-Hexanone
Concen: 3.647 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032632.D
Acq: 11 Jun 2019 23:51

Instrument :
MSVOA_U
ClientSampleId :
DB8R3

Tgt Ion: 43 Resp: 5715
Ion Ratio Lower Upper
43 100
58 34.1 42.0 63.0#
57 17.8 14.6 22.0
100 6.9 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.009 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032632.D
Acq: 11 Jun 2019 23:51

Tgt Ion: 75 Resp: 9264
Ion Ratio Lower Upper
75 100
77 36.6 25.6 38.4

