

Data File : VU023632.D
Acq On : 04 May 2018 05:24
Operator : MD/SY
Sample : J2560-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 04 05:49:29 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	92566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	80999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	31440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38919	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.68	69	33583	6.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.60%#
11) 1,1-Dichloroethene-d2	2.27	63	40608	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	165336	85.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	170.24%#
24) Chloroform-d	4.65	84	79788	6.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.60%#
26) 1,2-Dichloroethane-d4	5.31	65	48554	7.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	150.60%#
32) Benzene-d6	5.34	84	134238	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.00%
36) 1,2-Dichloropropane-d6	6.34	67	54501	7.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	154.00%#
41) Toluene-d8	7.57	98	84437	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.86	79	12073	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.32	63	112667	84.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	168.66%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48110	8.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	170.80%#
64) 1,2-Dichlorobenzene-d4	11.87	152	35341	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2241	0.26	ug/L	99
3) Chloromethane	1.33	50	1982	0.21	ug/L	100
5) Vinyl chloride	1.40	62	431835	49.90	ug/L	96
13) Acetone	2.32	43	13245	11.93	ug/L	100
15) Methyl Acetate	2.45	43	6102	1.95	ug/L #	56
16) Methylene chloride	2.70	84	1560	0.25	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	4028	0.29	ug/L #	87
21) 2-Butanone	4.29	43	3158	1.54	ug/L	77
22) cis-1,2-Dichloroethene	4.23	96	172372	24.08	ug/L	99
34) Trichloroethene	6.19	95	3257	0.51	ug/L	94
35) Methylcyclohexane	6.34	83	12019	1.25	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	5792	0.85	ug/L #	89
40) 4-Methyl-2-pentanone	7.40	43	1010	0.24	ug/L #	45
47) Tetrachloroethene	8.23	164	1253	0.25	ug/L	92
48) 2-Hexanone	8.32	43	16090	5.37	ug/L #	77
49) Dibromochloromethane	8.23	129	1106	0.23	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	3565	0.89	ug/L	93

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Quantitation Report (Not Reviewed)

Data File : VU023632.D
Acq On : 04 May 2018 05:24
Operator : MD/SY
Sample : J2560-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

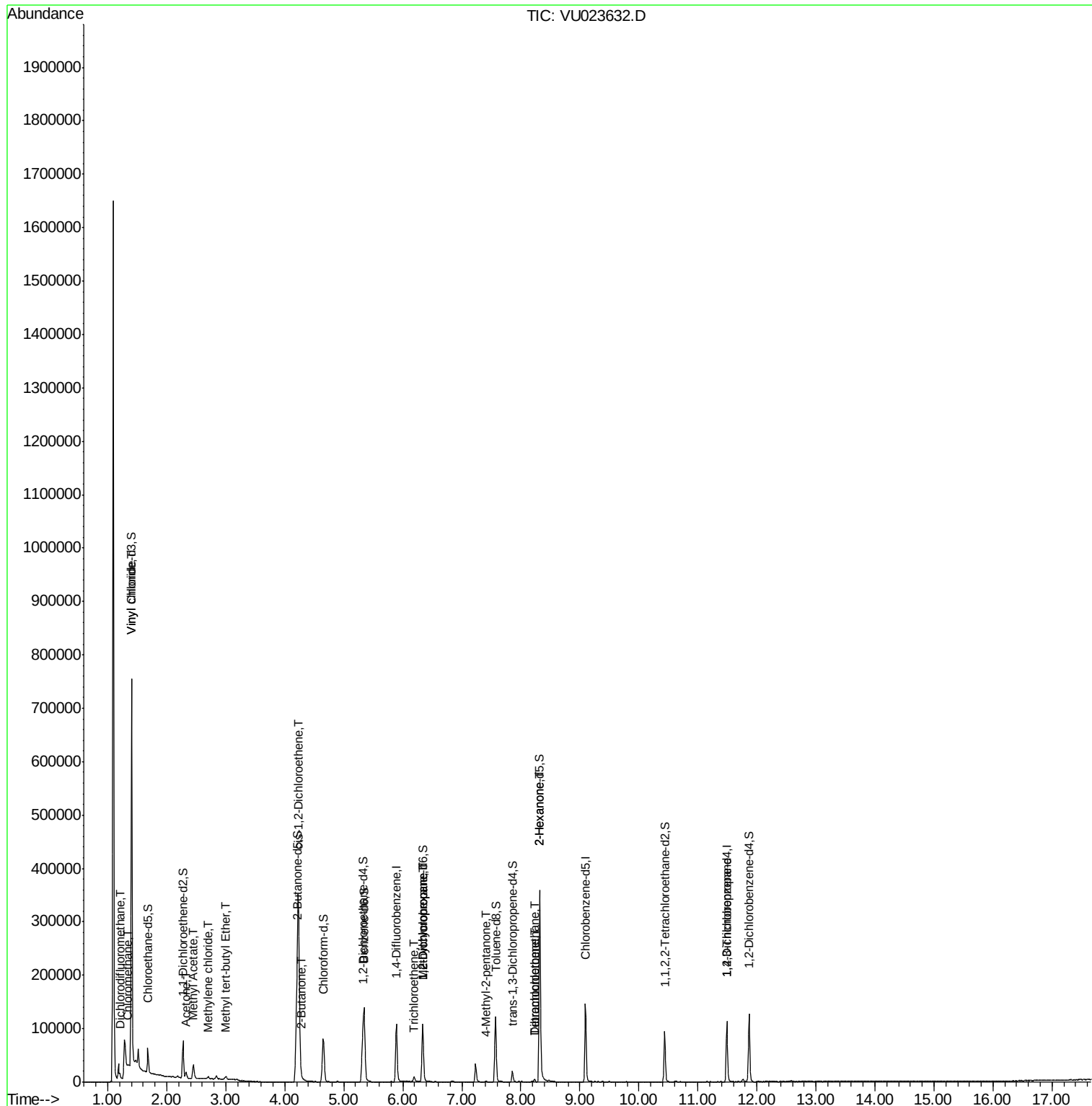
Quant Time: May 04 05:49:29 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

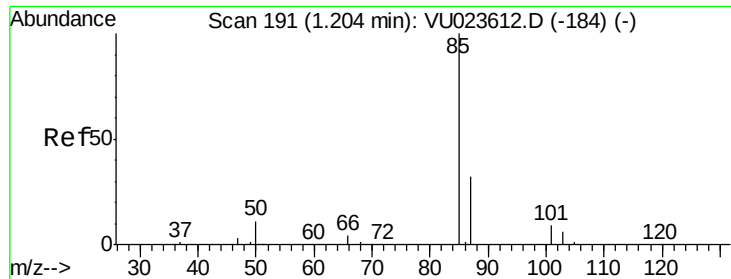
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.26 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023632.D

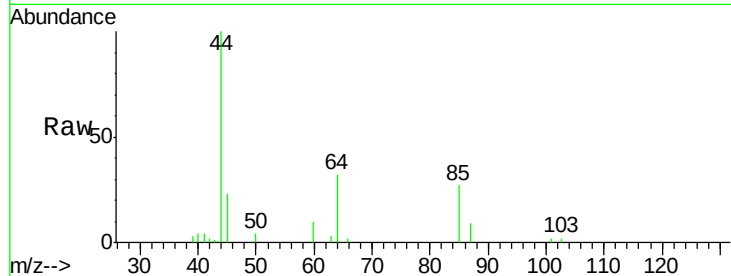
Acq: 04 May 2018 05:24

Tgt Ion: 85 Resp: 2241

Ion Ratio Lower Upper

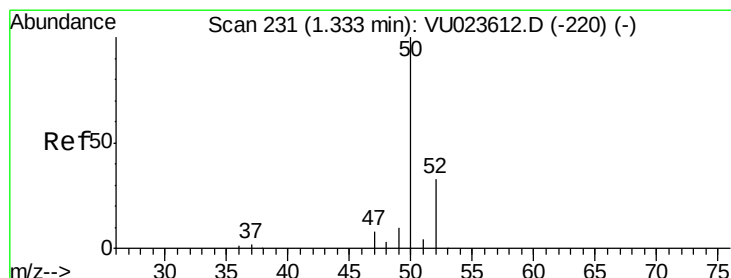
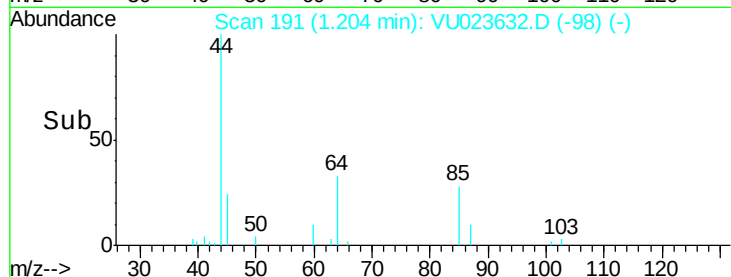
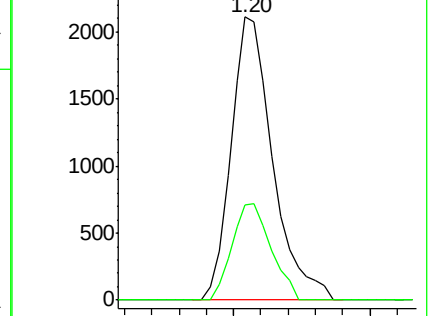
85 100

87 32.0 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.21 ug/L

RT: 1.33 min Scan# 231

Delta R.T. -0.00 min

Lab File: VU023632.D

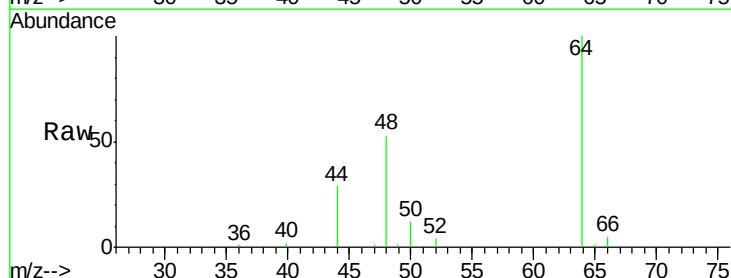
Acq: 04 May 2018 05:24

Tgt Ion: 50 Resp: 1982

Ion Ratio Lower Upper

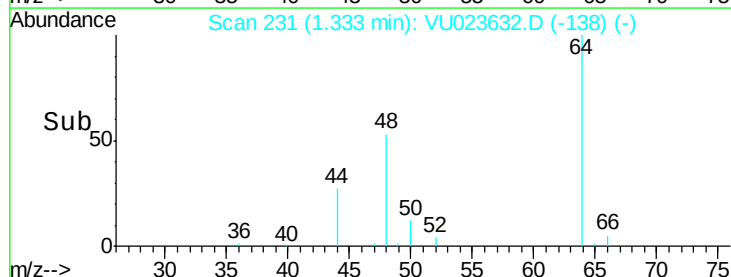
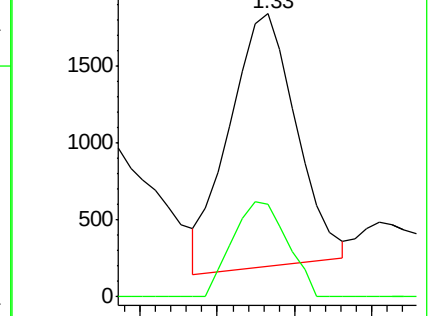
50 100

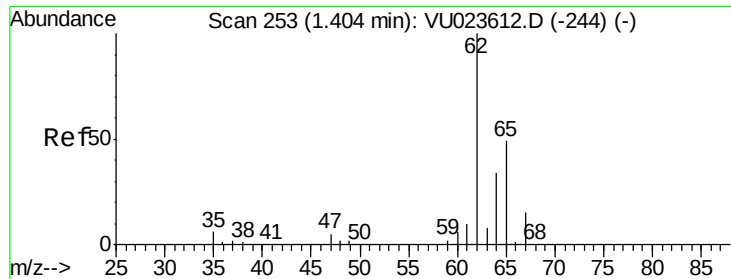
52 32.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 49.90 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023632.D

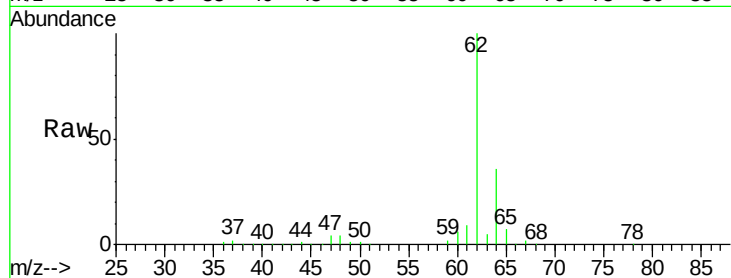
Acq: 04 May 2018 05:24

Tgt Ion: 62 Resp: 431835

Ion Ratio Lower Upper

62 100

64 36.0 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

400000

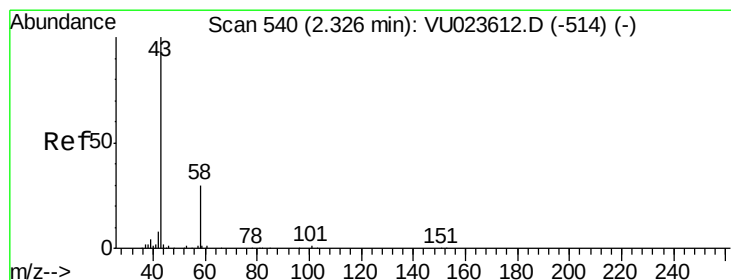
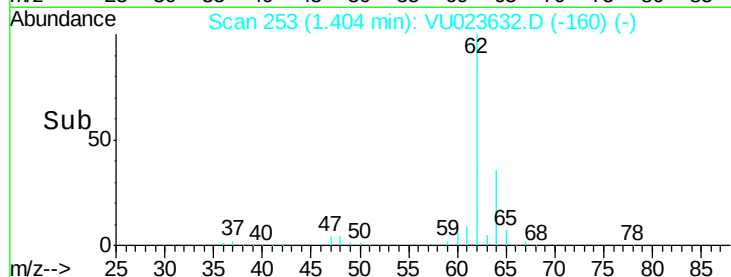
300000

200000

100000

0

Time-->



#13

Acetone

Concen: 11.93 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023632.D

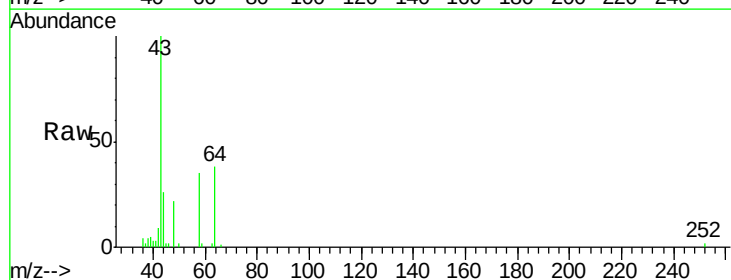
Acq: 04 May 2018 05:24

Tgt Ion: 43 Resp: 13245

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

8000

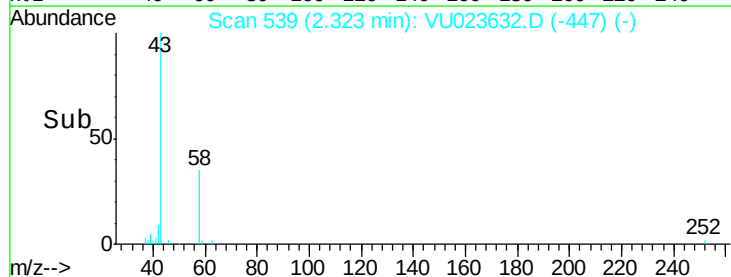
6000

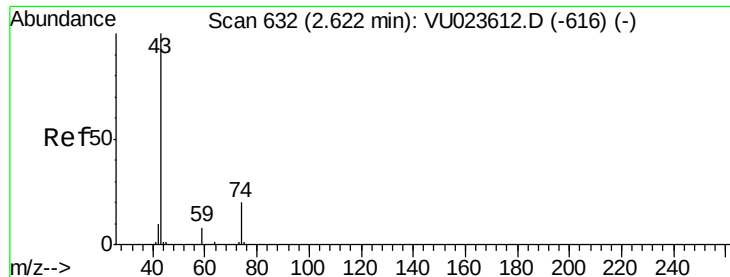
4000

2000

0

Time-->





#15

Methyl Acetate

Concen: 1.95 ug/L

RT: 2.45 min Scan# 578

Delta R.T. -0.17 min

Lab File: VU023632.D

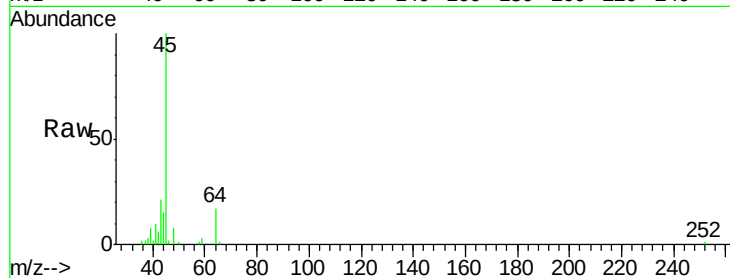
Acq: 04 May 2018 05:24

Tgt Ion: 43 Resp: 6102

Ion Ratio Lower Upper

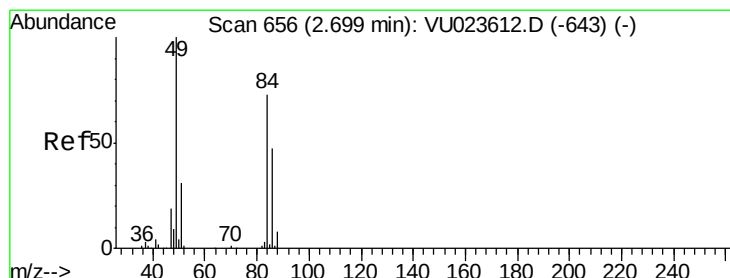
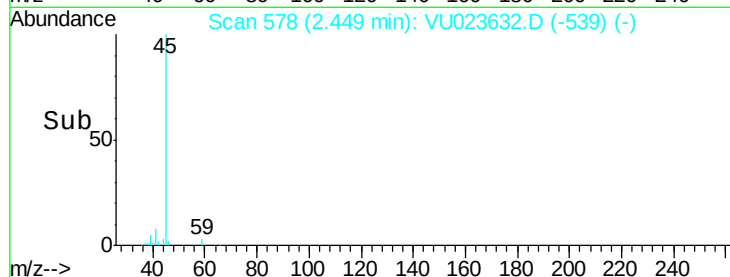
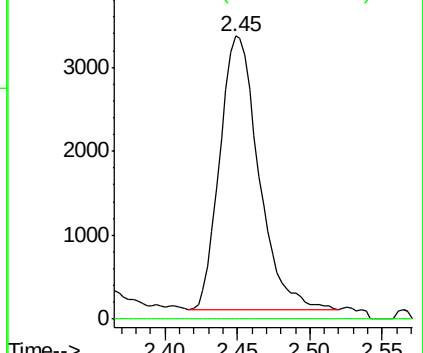
43 100

74 0.0 16.6 24.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.25 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023632.D

Acq: 04 May 2018 05:24

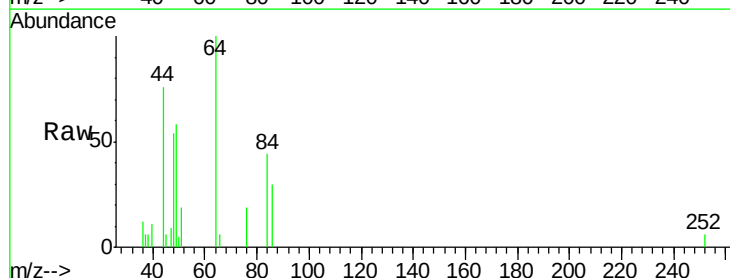
Tgt Ion: 84 Resp: 1560

Ion Ratio Lower Upper

84 100

86 67.4 46.0 85.4

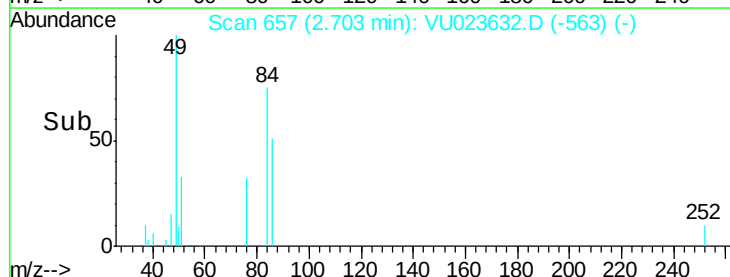
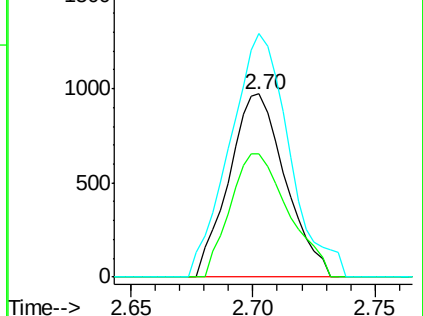
49 145.4 96.0 178.4

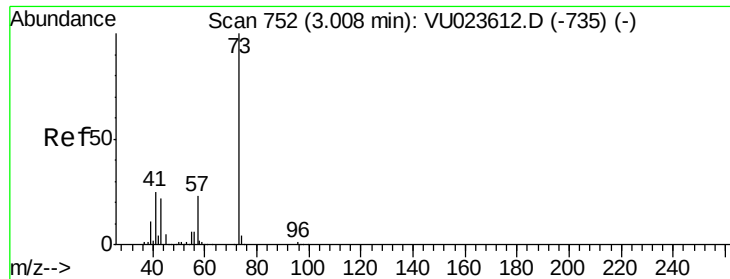


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

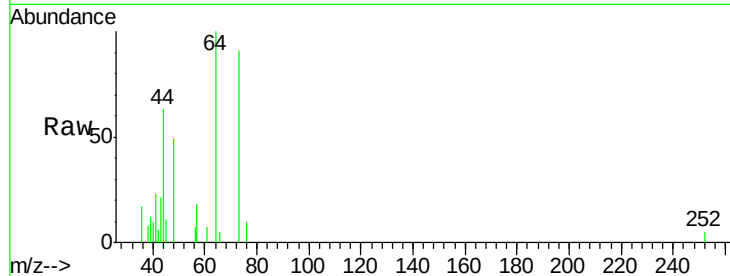
Ion 49.10 (48.80 to 49.80): VU0



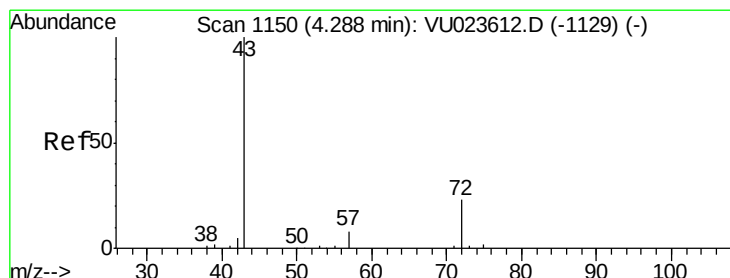
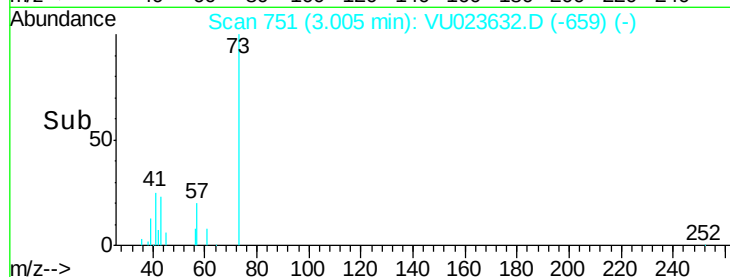
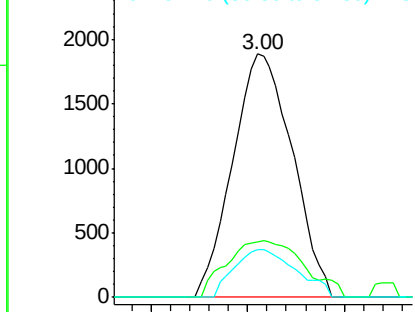


#17
Methyl tert-butyl Ether
Concen: 0.29 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 73 Resp: 4028
Ion Ratio Lower Upper
73 100
43 29.9 16.6 25.0#
57 20.4 19.4 29.0

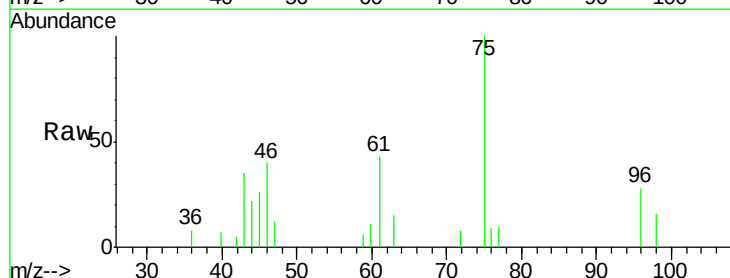


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

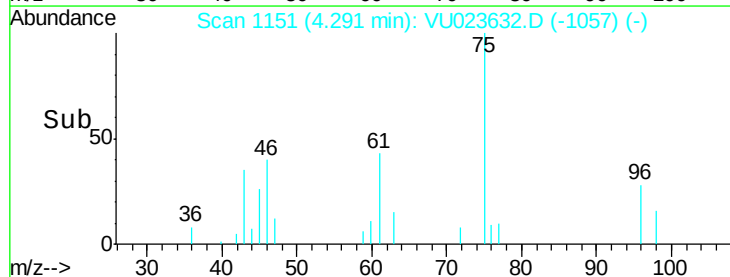
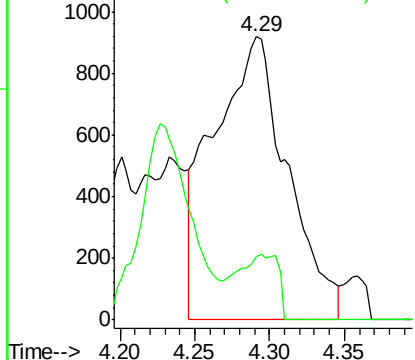


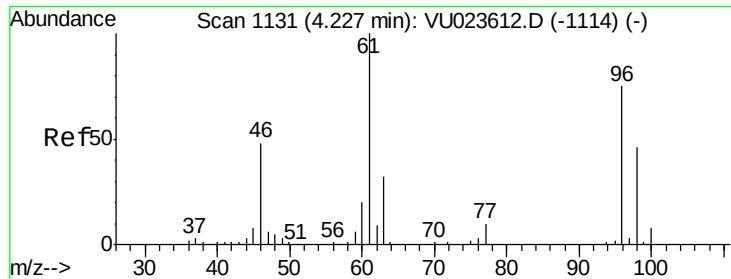
#21
2-Butanone
Concen: 1.54 ug/L
RT: 4.29 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 43 Resp: 3158
Ion Ratio Lower Upper
43 100
72 13.1 12.3 36.8



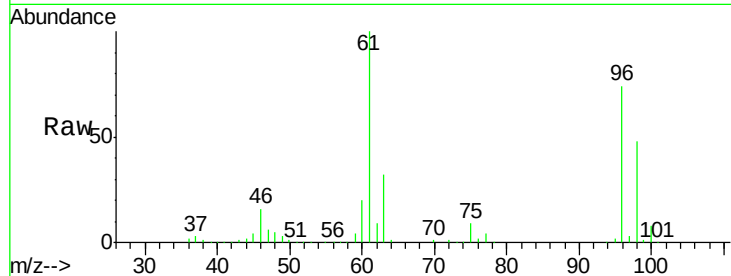
Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0



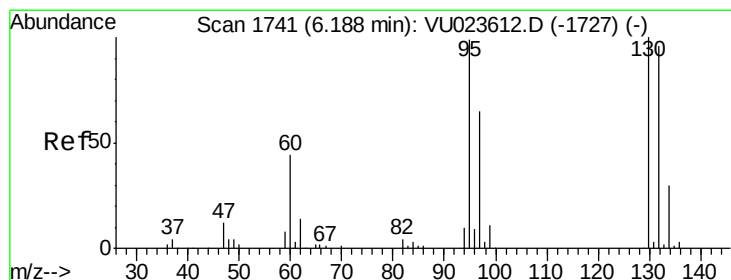
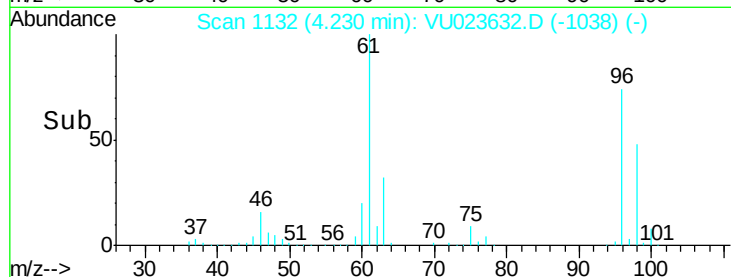
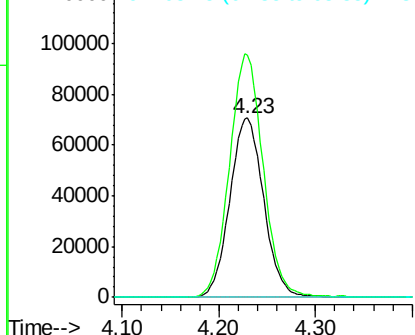


#22
 cis-1,2-Dichloroethene
 Concen: 24.08 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023632.D
 Acq: 04 May 2018 05:24

Tgt Ion: 96 Resp: 172372
 Ion Ratio Lower Upper
 96 100
 61 135.7 94.6 175.6
 68 0.0 0.0 0.0

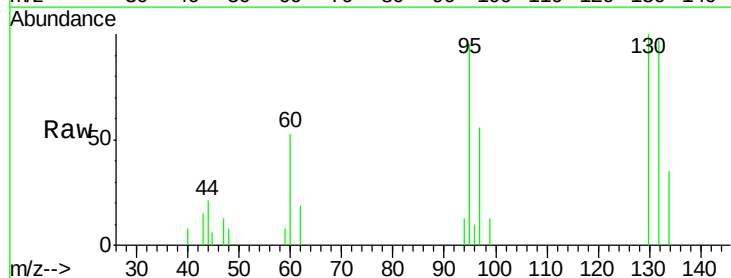


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

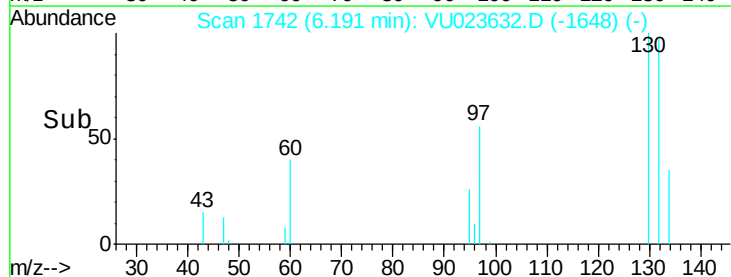
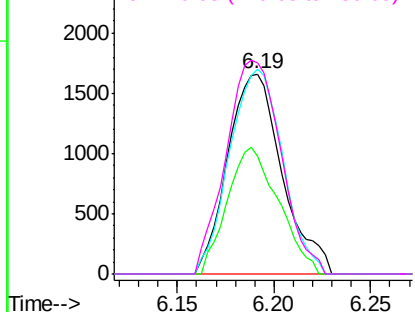


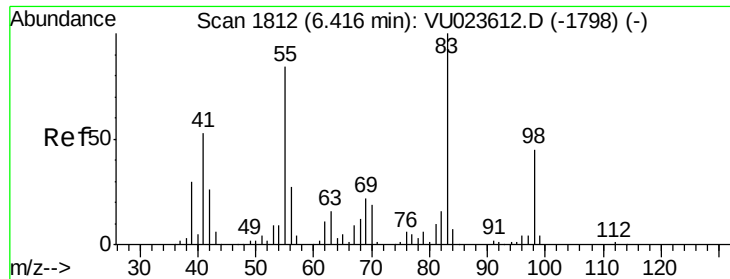
#34
 Trichloroethene
 Concen: 0.51 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU023632.D
 Acq: 04 May 2018 05:24

Tgt Ion: 95 Resp: 3257
 Ion Ratio Lower Upper
 95 100
 97 59.0 46.0 85.4
 132 102.3 68.1 126.5
 130 105.5 70.1 130.1



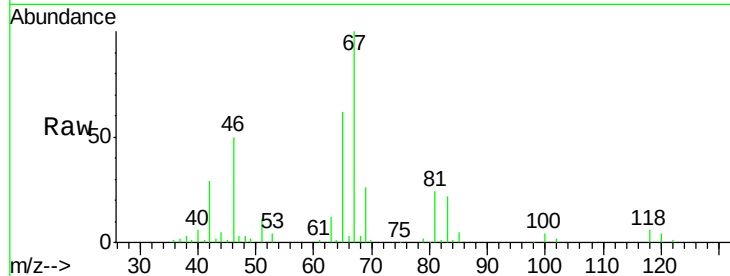
Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



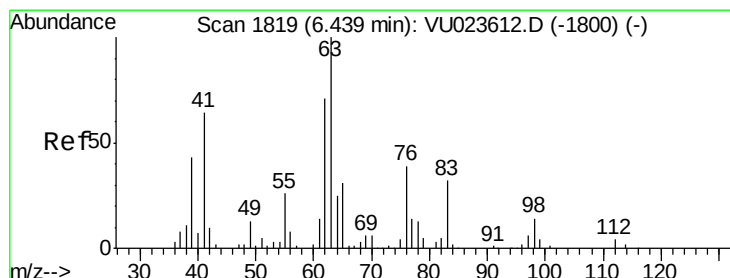
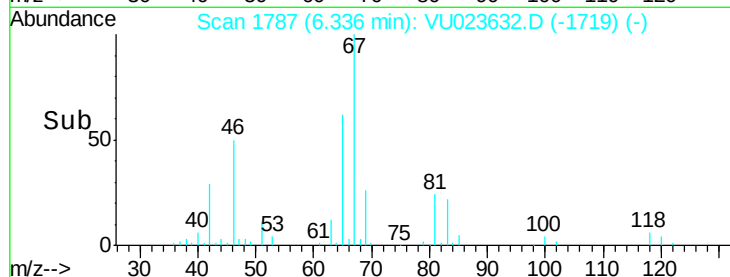
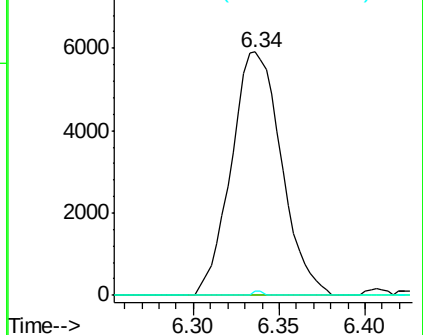


#35
Methylcyclohexane
Concen: 1.25 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 83 Resp: 12019
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.4 36.7 55.1#

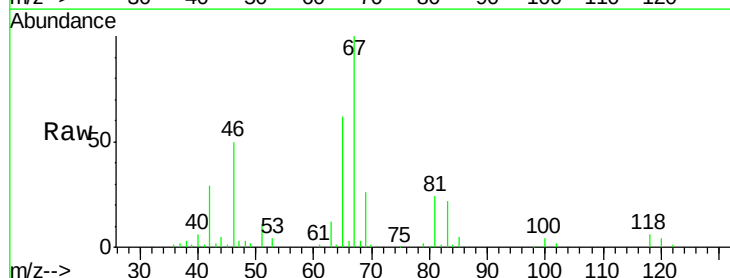


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

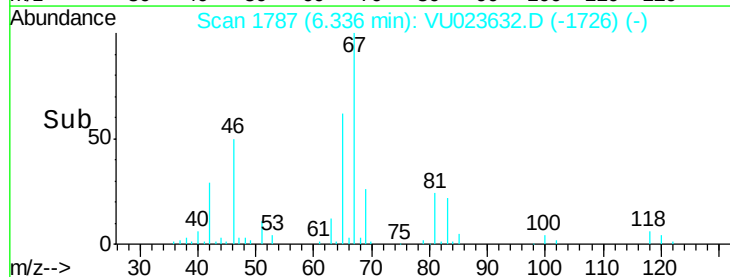
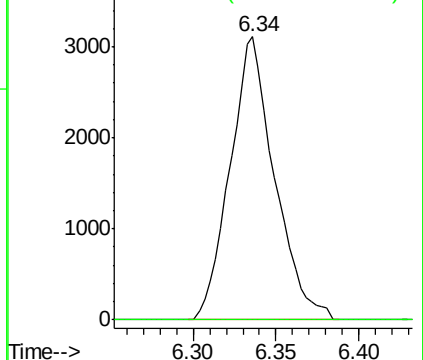


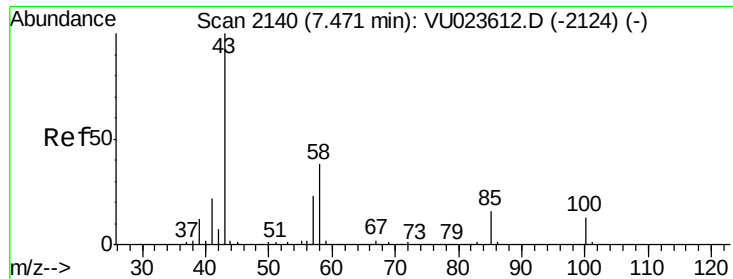
#37
1,2-Dichloropropane
Concen: 0.85 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 63 Resp: 5792
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



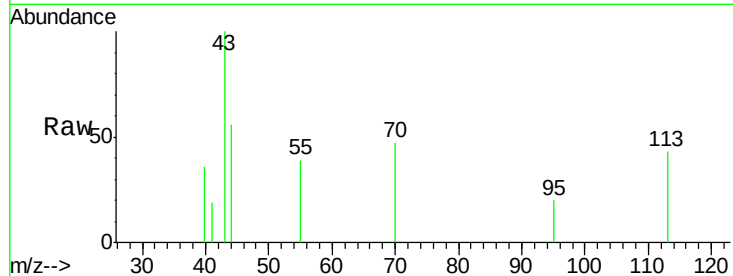
Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



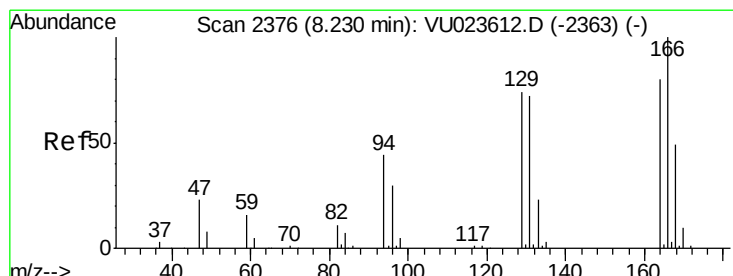
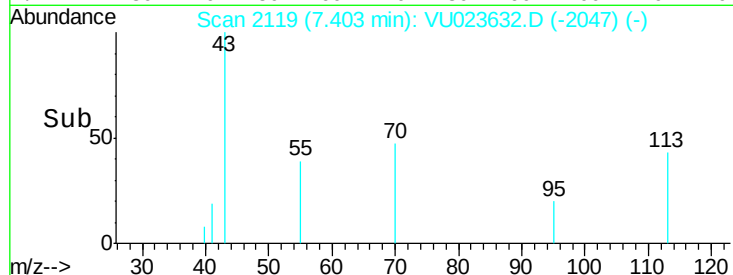
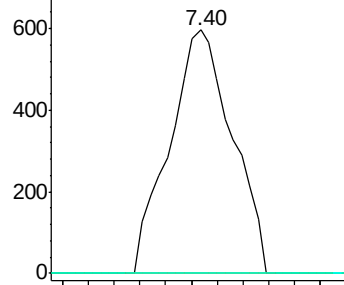


#40
4-Methyl-2-pentanone
Concen: 0.24 ug/L
RT: 7.40 min Scan# 2119
Delta R.T. -0.07 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#
100 0.0 10.1 15.1#

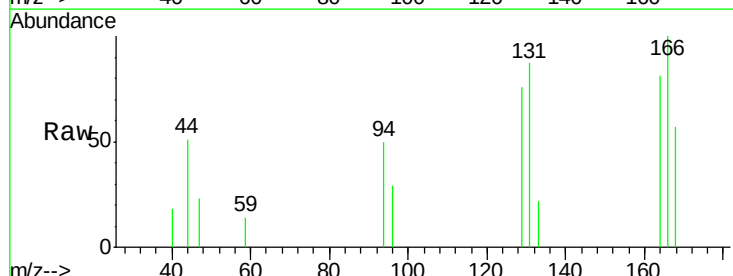


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

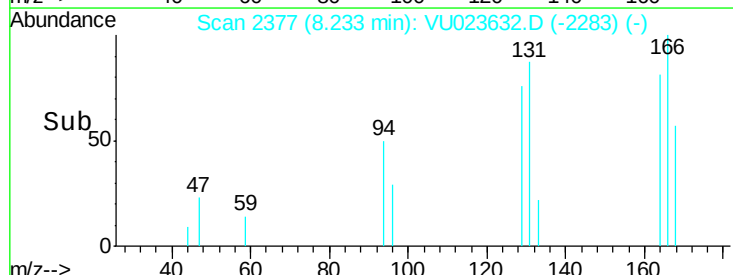
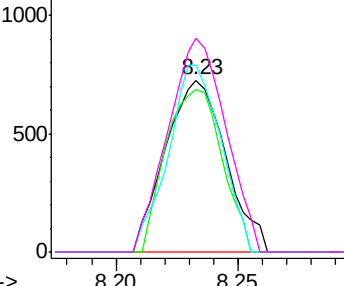


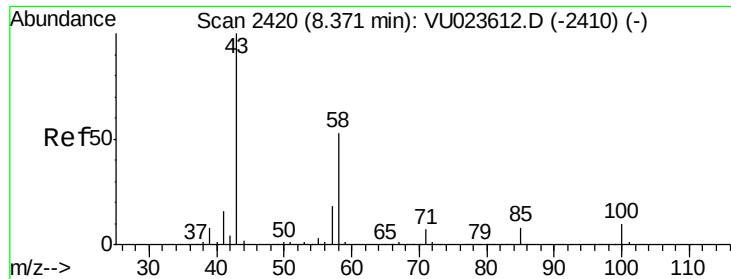
#47
Tetrachloroethene
Concen: 0.25 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 164 Resp: 1253
Ion Ratio Lower Upper
164 100
129 94.6 64.4 119.6
131 108.4 63.9 118.7
166 124.2 90.0 167.2



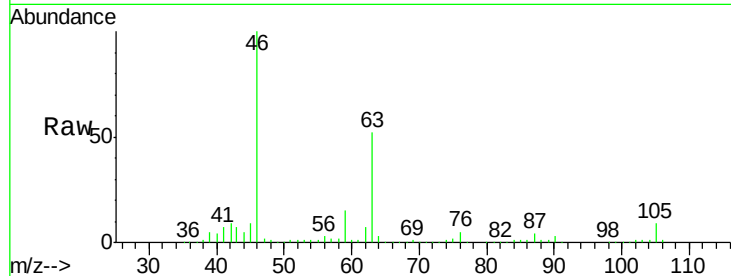
Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



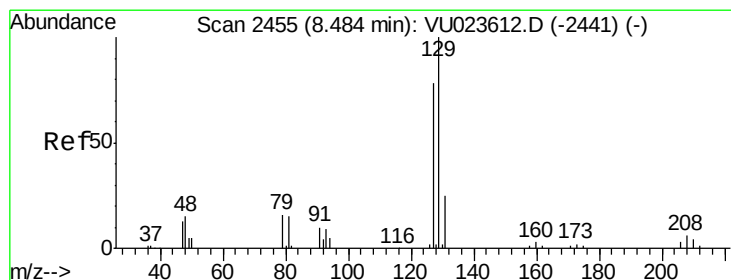
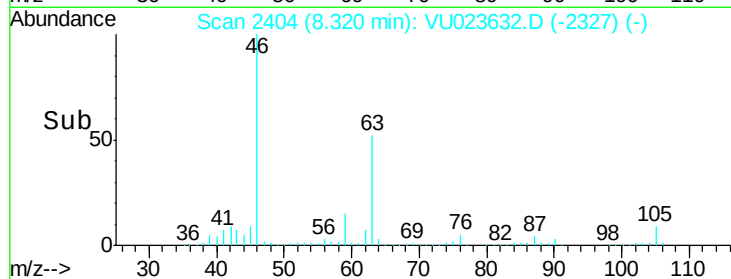
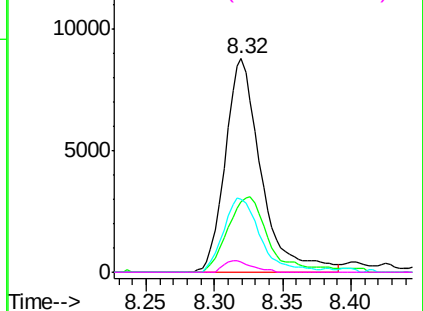


#48
2-Hexanone
Concen: 5.37 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 43 Resp: 16090
Ion Ratio Lower Upper
43 100
58 38.8 42.1 63.1#
57 35.3 14.3 21.5#
100 4.3 7.8 11.8#

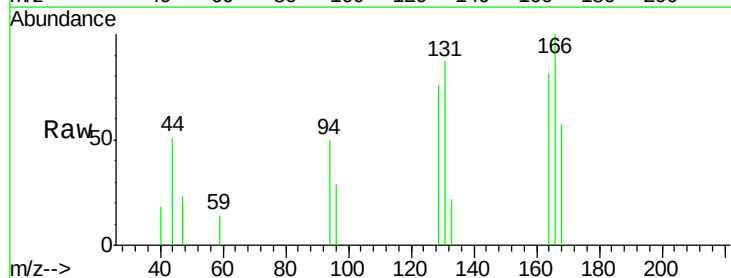


Abundance Ion 43.05 (42.75 to 43.75): VU023632.D (-2327) (-)
Ion 58.05 (57.75 to 58.75): VU023632.D (-2327) (-)
Ion 57.20 (56.90 to 57.90): VU023632.D (-2327) (-)
Ion 100.15 (99.85 to 100.85): VU023632.D (-2327) (-)

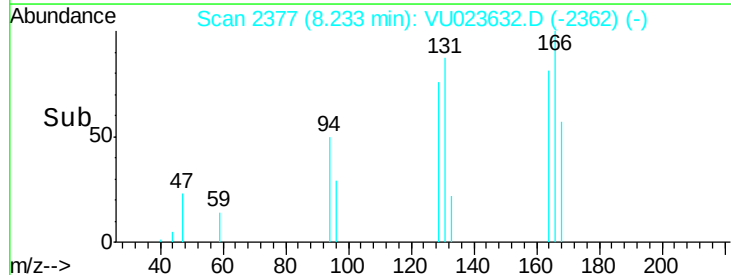
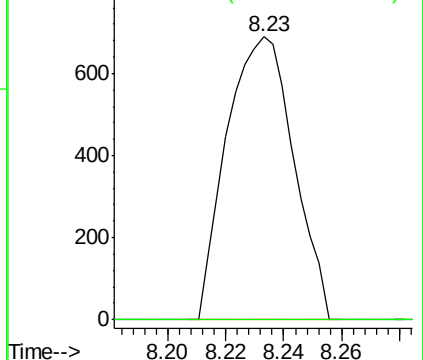


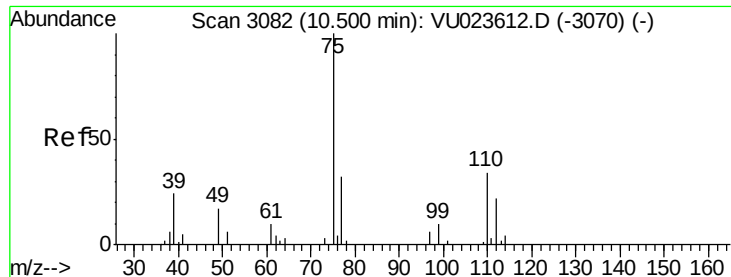
#49
Dibromochloromethane
Concen: 0.23 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU023632.D
Acq: 04 May 2018 05:24

Tgt Ion: 129 Resp: 1106
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#



Abundance Ion 128.95 (128.65 to 129.65): VU023632.D (-2362) (-)
Ion 126.90 (126.60 to 127.60): VU023632.D (-2362) (-)





#59

1,2,3-Trichloropropane

Concen: 0.89 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023632.D

Acq: 04 May 2018 05:24

Tgt Ion: 75 Resp: 3565

Ion Ratio Lower Upper

75 100

77 36.6 26.0 39.0

