

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028272.D
 Acq On : 20 Nov 2018 12:49
 Operator : MD/SY
 Sample : J5995-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FL7

Quant Time: Nov 21 06:36:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 06:33:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	2516	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	2726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	2344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58008	306.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 6127.40%#	
7) Chloroethane-d5	1.68	69	53984	330.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 6605.40%#	
11) 1,1-Dichloroethene-d2	2.28	63	85542	227.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 4541.40%#	
20) 2-Butanone-d5	4.20	46	237269	3744.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 7489.84%#	
24) Chloroform-d	4.65	84	116420	329.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 6591.20%#	
26) 1,2-Dichloroethane-d4	5.31	65	67260	344.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 6890.00%#	
32) Benzene-d6	5.34	84	226268	288.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 5768.40%#	
36) 1,2-Dichloropropane-d6	6.33	67	86666	304.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 6084.20%#	
41) Toluene-d8	7.57	98	186826	266.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 5320.60%#	
43) trans-1,3-Dichloropropene-	7.85	79	26431	290.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 5808.80%#	
46) 2-Hexanone-d5	8.31	63	170524	3123.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 6247.92%#	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66193	321.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 6434.00%#	
64) 1,2-Dichlorobenzene-d4	11.86	152	67158	154.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 3080.80%#	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	297	1.10	ug/L #	42
5) Vinyl chloride	1.40	62	75455	295.48	ug/L	99
6) Bromomethane	1.81	94	104	0.90	ug/L #	4
8) Chloroethane	1.68	64	732	4.85	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	778	4.75	ug/L #	27
12) 1,1-Dichloroethene	2.29	96	1943	12.54	ug/L #	1
13) Acetone	2.33	43	1452	33.32	ug/L	90
14) Carbon disulfide	2.48	76	389	0.80	ug/L #	26
15) Methyl Acetate	2.61	43	434	3.76	ug/L #	59
16) Methylene chloride	2.71	84	1820	9.33	ug/L	85
17) Methyl tert-butyl Ether	3.01	73	2503525	5380.51	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	66209	401.28	ug/L	97
19) 1,1-Dichloroethane	3.45	63	21280	55.62	ug/L	96
21) 2-Butanone	4.29	43	599	8.63	ug/L #	55
22) cis-1,2-Dichloroethene	4.23	96	657042	3368.97	ug/L	92
25) Chloroform	4.67	83	1565	3.78	ug/L #	65
27) 1,2-Dichloroethane	5.40	62	282	1.19	ug/L #	78

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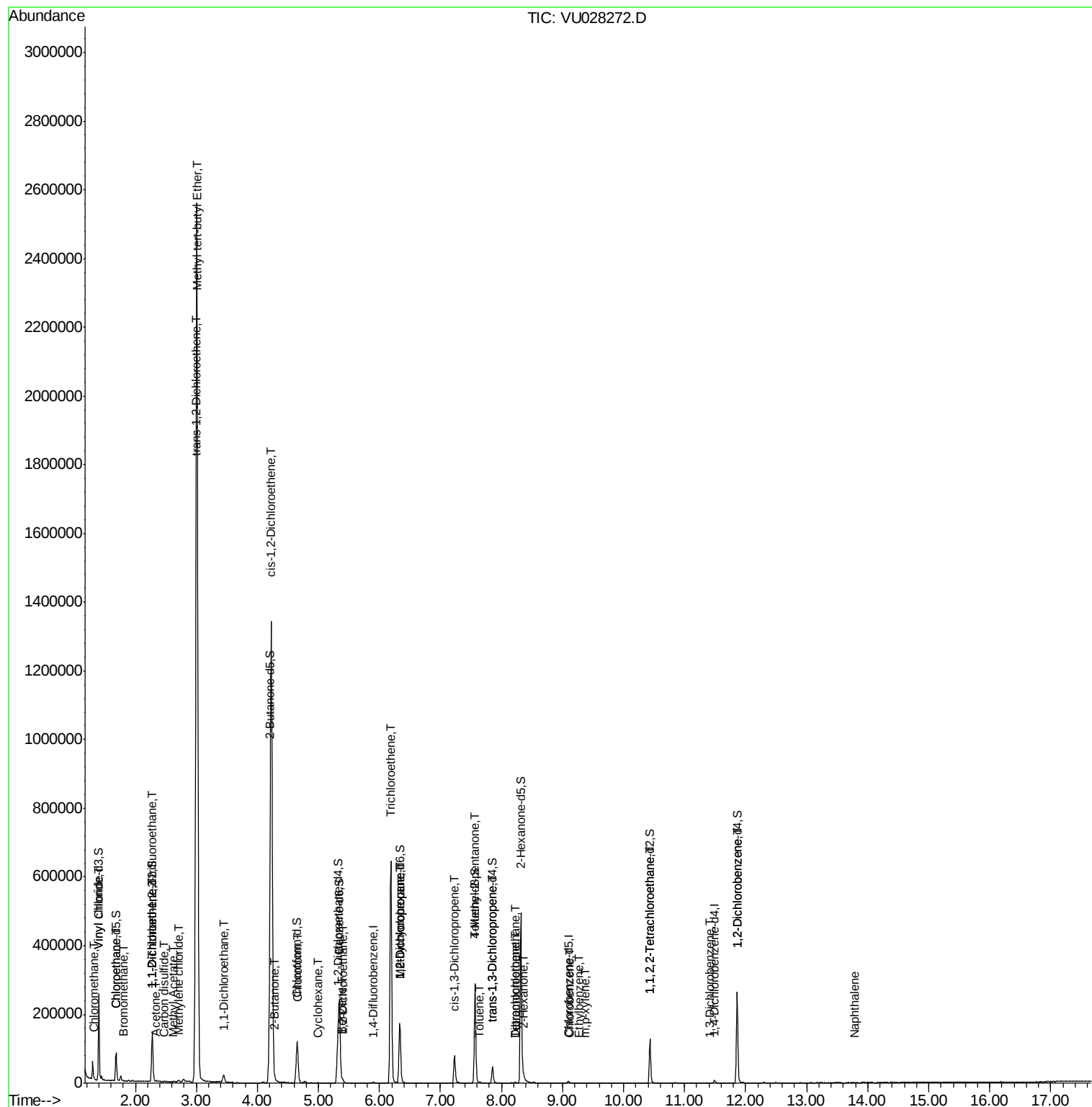
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.99	56	41	0.10	ug/L #	1
33) Benzene	5.40	78	8630	9.60	ug/L	100
34) Trichloroethene	6.19	95	229181	1040.79	ug/L	98
35) Methylcyclohexane	6.33	83	17430	50.24	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	8590	33.47	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2109	6.48	ug/L	92
40) 4-Methyl-2-pentanone	7.56	43	1113	6.07	ug/L #	1
42) Toluene	7.64	91	550	0.60	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1037	4.24	ug/L	87
47) Tetrachloroethene	8.23	164	443	2.90	ug/L #	68
48) 2-Hexanone	8.37	43	4403	33.66	ug/L #	74
49) Dibromochloromethane	8.22	129	495	3.15	ug/L #	10
51) Chlorobenzene	9.12	112	170	0.32	ug/L #	26
52) Ethylbenzene	9.27	91	71	0.07	ug/L #	47
53) m,p-xylene	9.38	106	166	0.49	ug/L #	1
58) 1,1,2,2-Tetrachloroethane	10.43	83	114	0.57	ug/L #	1
62) 1,3-Dichlorobenzene	11.41	146	116	0.16	ug/L #	24
65) 1,2-Dichlorobenzene	11.87	146	102	0.15	ug/L #	1
69) Naphthalene	13.79	128	70	0.09	ug/L #	69

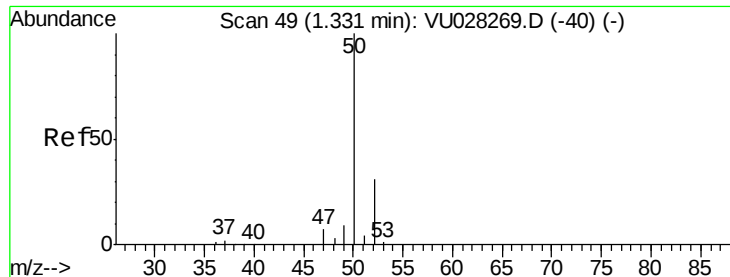
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.10 ug/L

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

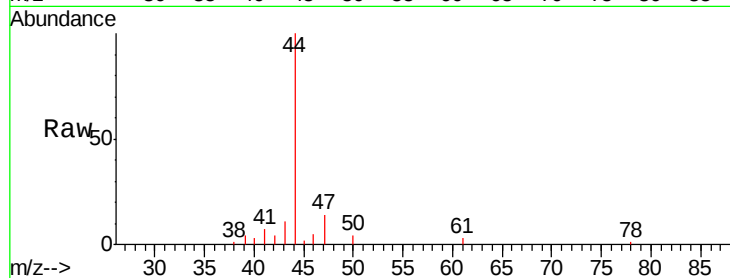
H0FL7

Tgt Ion: 50 Resp: 297

Ion Ratio Lower Upper

50 100

52 0.0 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.33

300

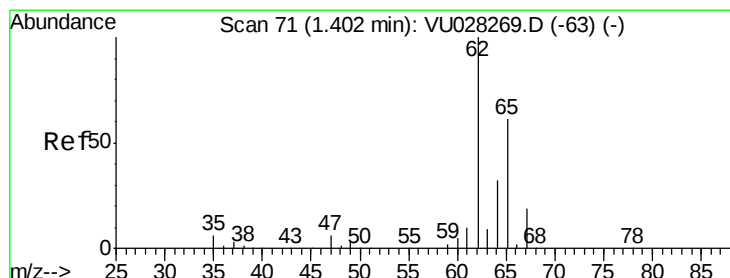
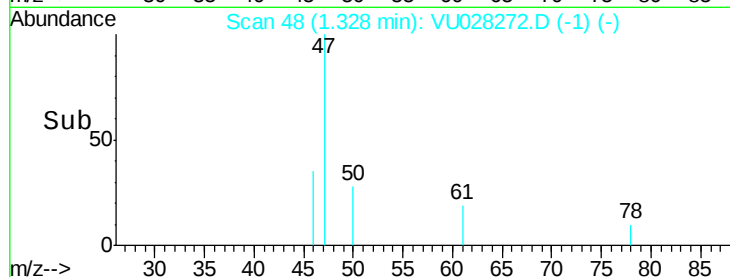
200

100

0

1.31 1.32 1.33 1.34 1.35

Time-->



#5

Vinyl chloride

Concen: 295.48 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028272.D

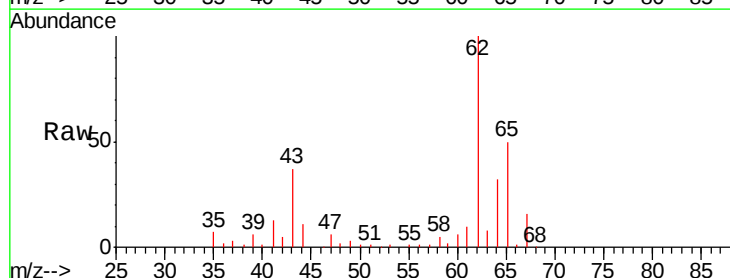
Acq: 20 Nov 2018 12:49

Tgt Ion: 62 Resp: 75455

Ion Ratio Lower Upper

62 100

64 31.8 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

80000

60000

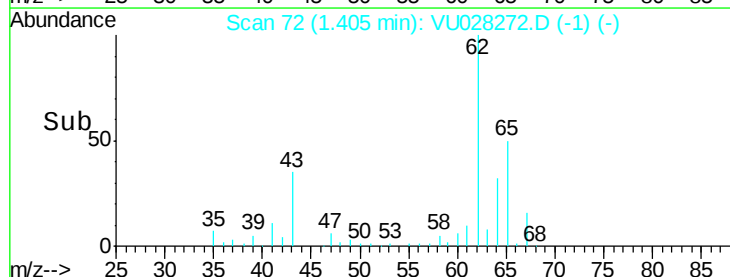
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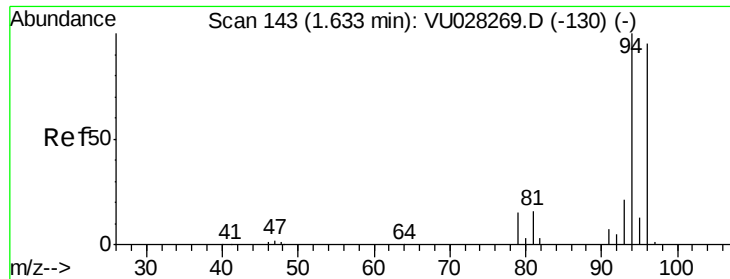
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0

1.35 1.40 1.45

Time-->

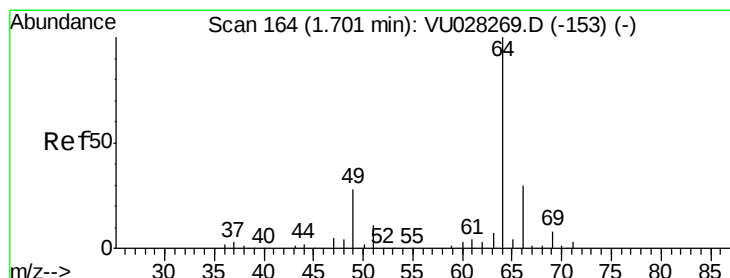
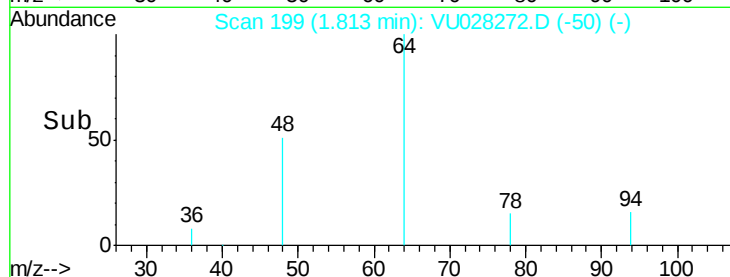
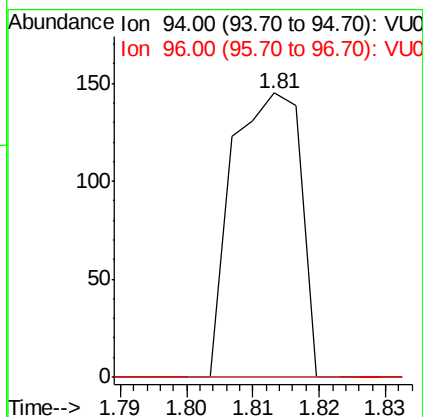
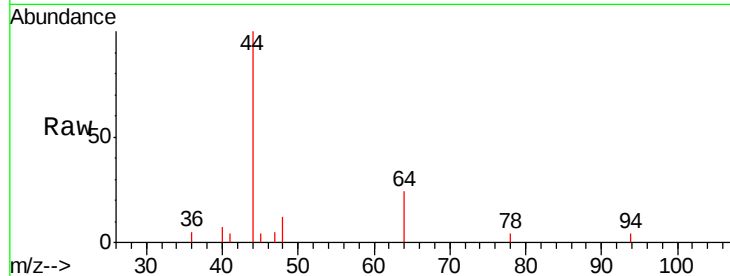




#6
Bromomethane
Concen: 0.90 ug/L
RT: 1.81 min Scan# 199
Delta R.T. 0.18 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

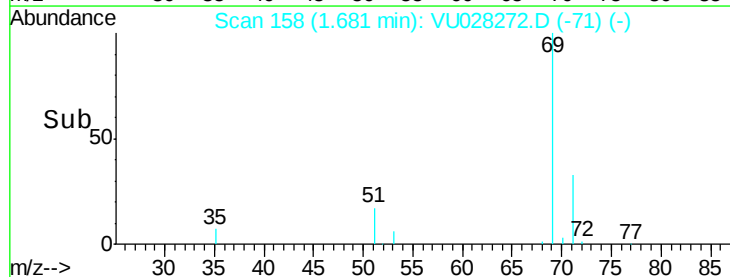
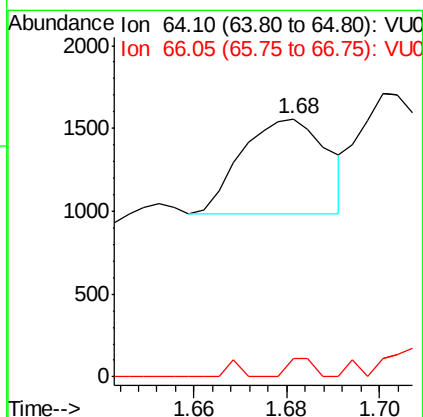
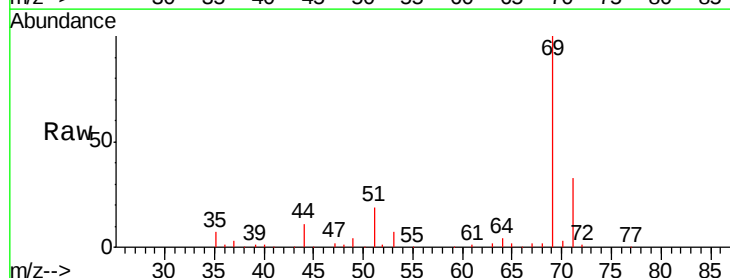
Instrument :
MSVOA_U
ClientSampleId :
H0FL7

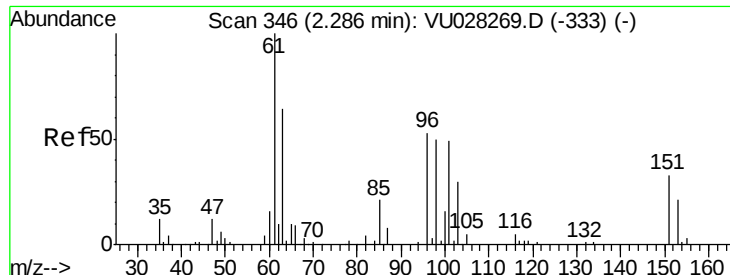
Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 0.0 63.6 118.0#



#8
Chloroethane
Concen: 4.85 ug/L
RT: 1.68 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 7.3 20.7 38.5#





#10

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

Concen: 4.75 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

H0FL7

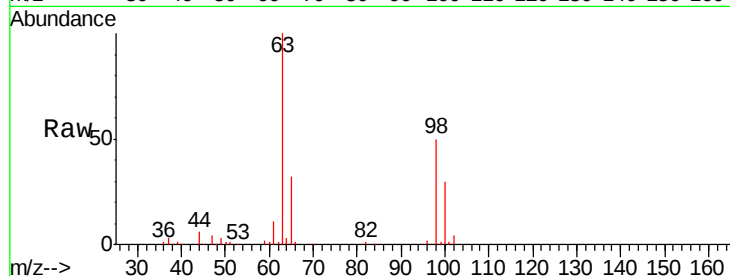
Tgt Ion: 101 Resp: 778

Ion Ratio Lower Upper

101 100

85 9.0 37.4 56.2#

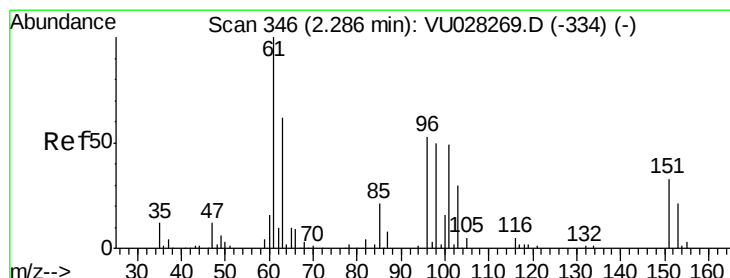
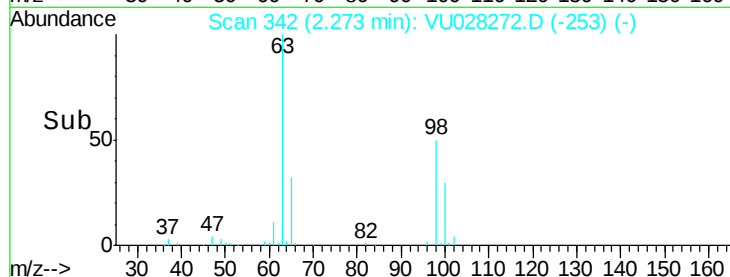
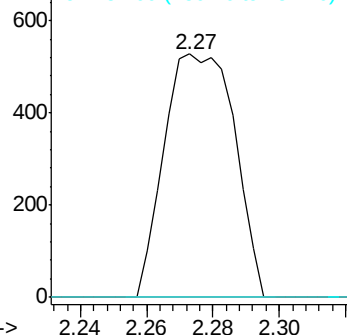
151 0.0 55.0 82.4#



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: 12.54 ug/L

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

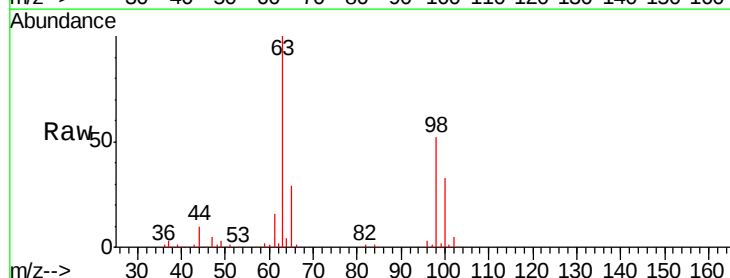
Tgt Ion: 96 Resp: 1943

Ion Ratio Lower Upper

96 100

61 482.1 145.5 270.1#

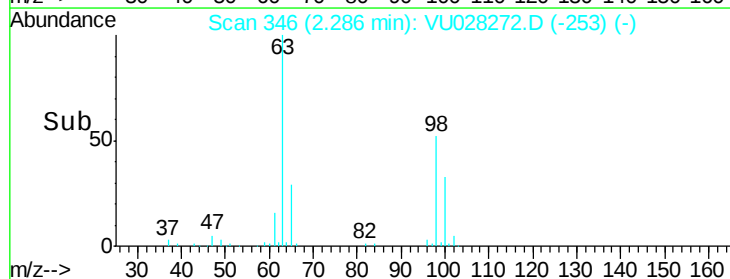
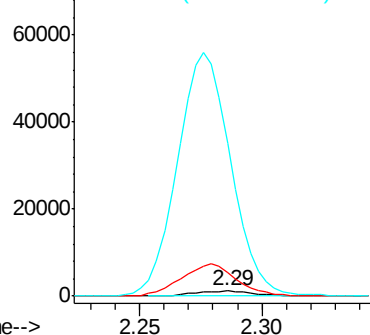
63 3103.7 98.6 183.2#

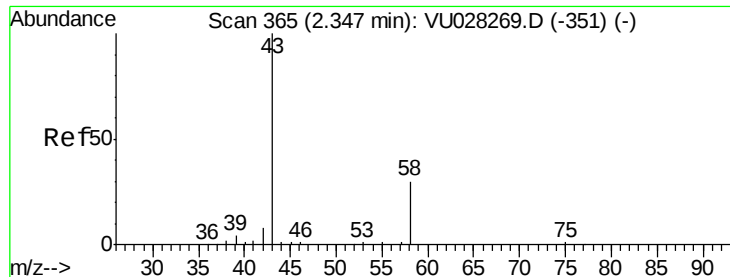


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 33.32 ug/L

RT: 2.33 min Scan# 361

Delta R.T. -0.01 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

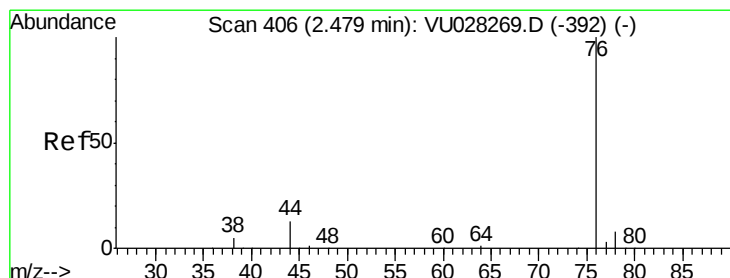
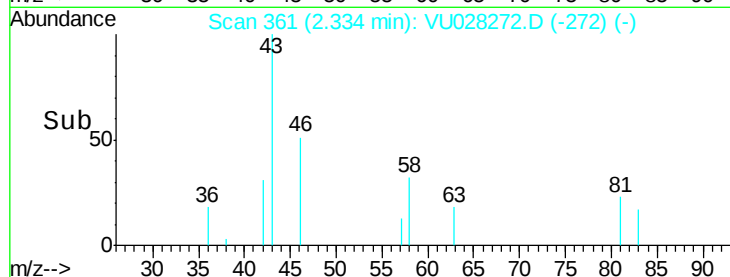
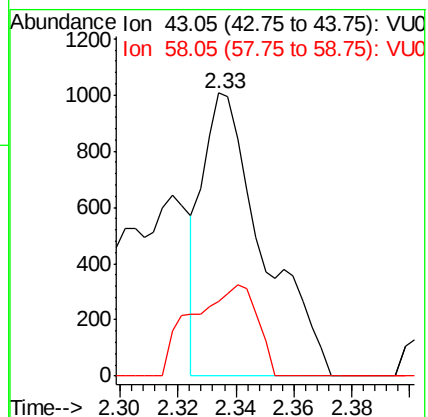
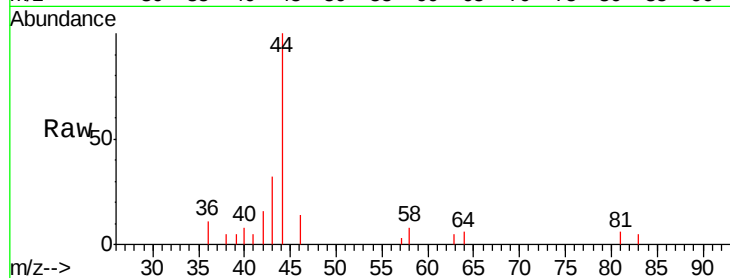
H0FL7

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

43 100

58 34.8 0.0 58.6



#14

Carbon disulfide

Concen: 0.80 ug/L

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU028272.D

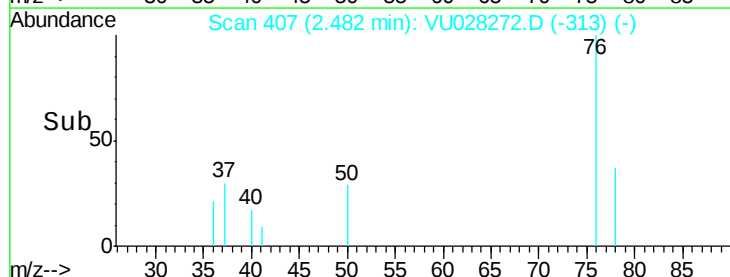
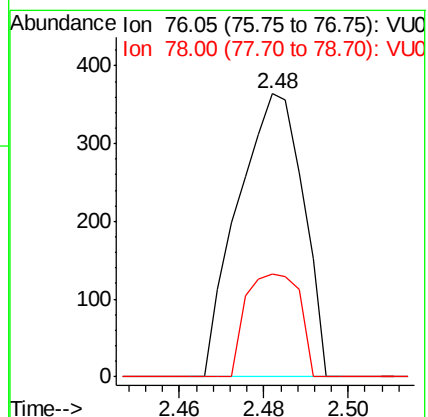
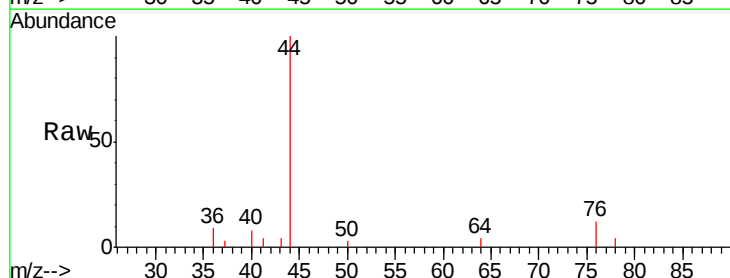
Acq: 20 Nov 2018 12:49

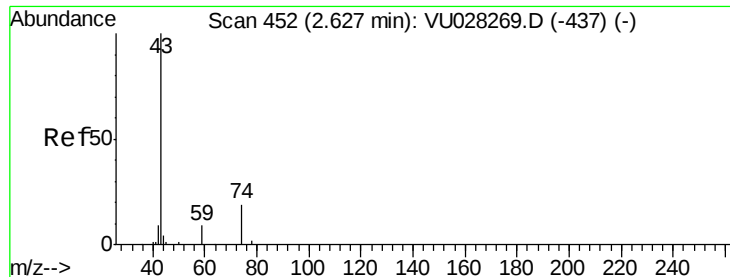
Tgt Ion: 76 Resp: 389

Ion Ratio Lower Upper

76 100

78 36.5 7.6 11.4#

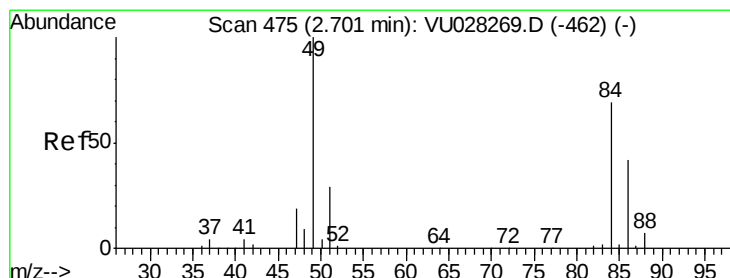
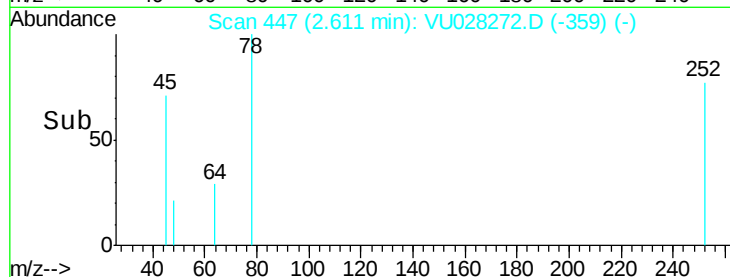
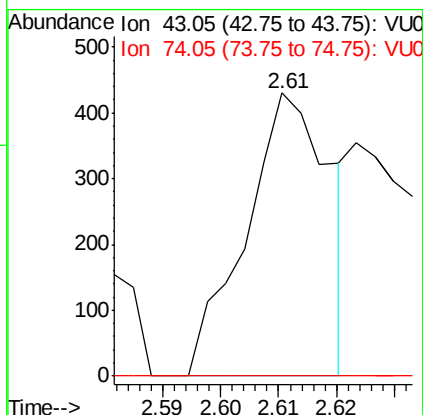
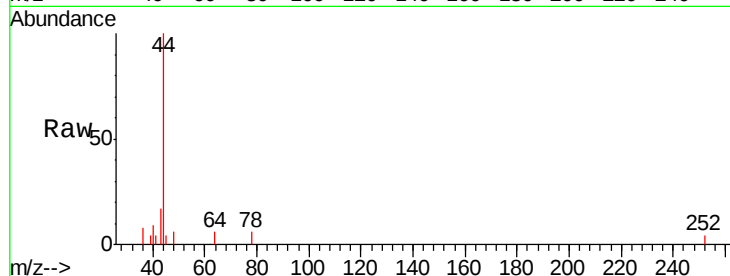




#15
Methyl Acetate
Concen: 3.76 ug/L
RT: 2.61 min Scan# 447
Delta R.T. -0.02 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

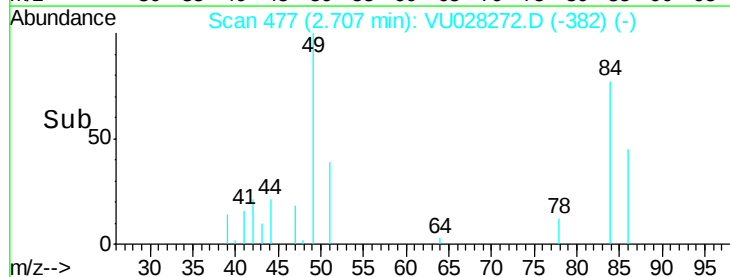
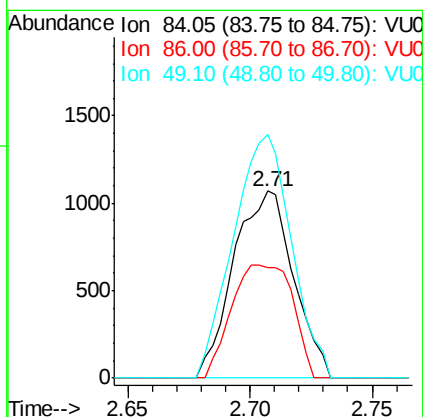
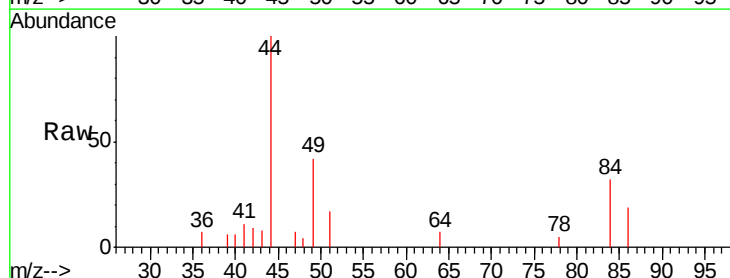
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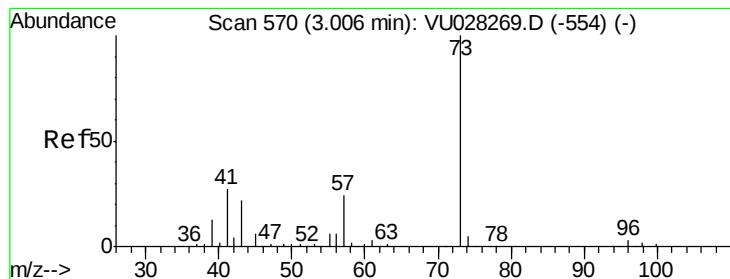
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
74 0.0 14.7 22.1#



#16
Methylene chloride
Concen: 9.33 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 58.9 45.3 84.1
49 130.1 107.9 200.5





#17

Methyl tert-butyl Ether

Concen: 5380.51 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

H0FL7

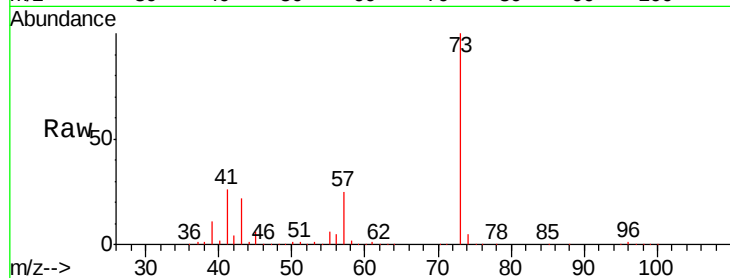
Tgt Ion: 73 Resp: 2503525

Ion Ratio Lower Upper

73 100

43 22.3 18.8 28.2

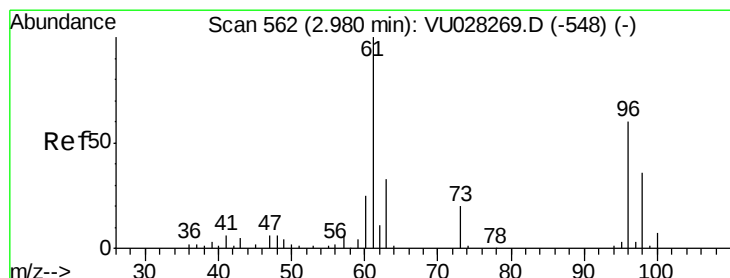
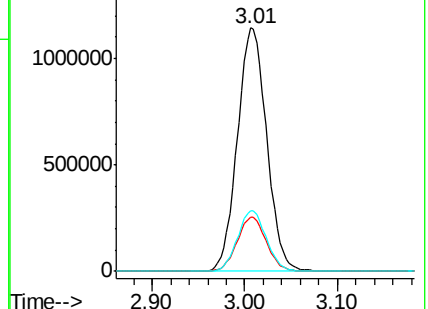
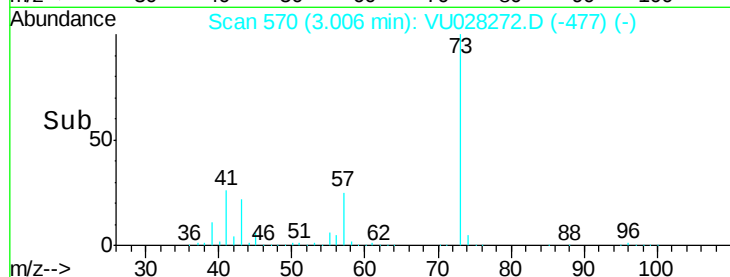
57 24.6 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU028272.D (-477) (-)

Ion 43.05 (42.75 to 43.75): VU028272.D (-477) (-)

Ion 57.10 (56.80 to 57.80): VU028272.D (-477) (-)



#18

trans-1,2-Dichloroethene

Concen: 401.28 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

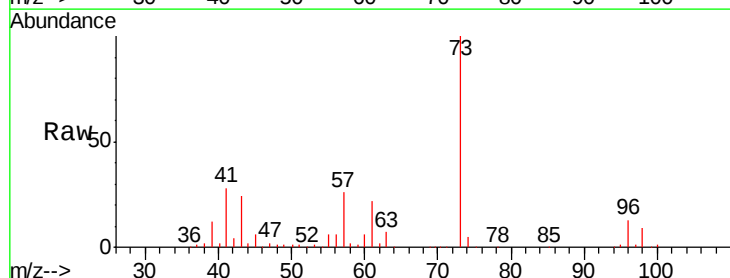
Tgt Ion: 96 Resp: 66209

Ion Ratio Lower Upper

96 100

61 171.1 122.2 227.0

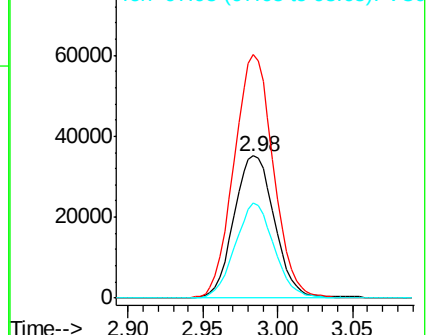
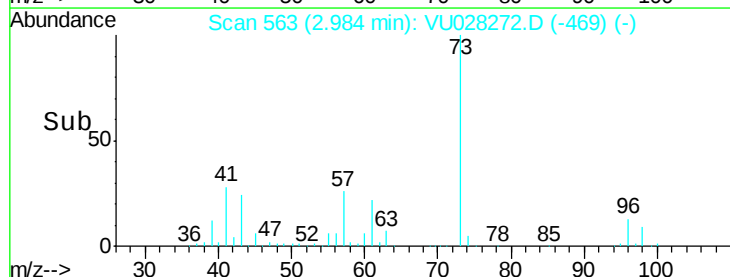
98 66.8 44.9 83.5

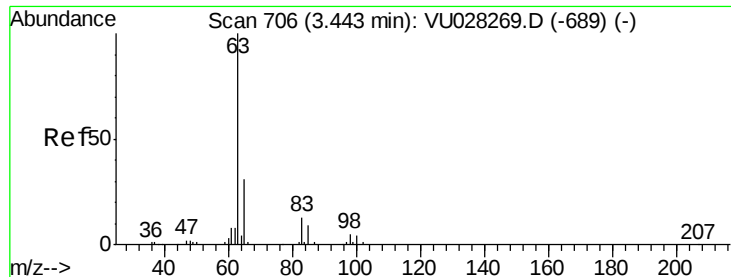


Abundance Ion 96.00 (95.70 to 96.70): VU028272.D (-469) (-)

Ion 61.05 (60.75 to 61.75): VU028272.D (-469) (-)

Ion 97.95 (97.65 to 98.65): VU028272.D (-469) (-)





#19

1,1-Dichloroethane

Concen: 55.62 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.01 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

H0FL7

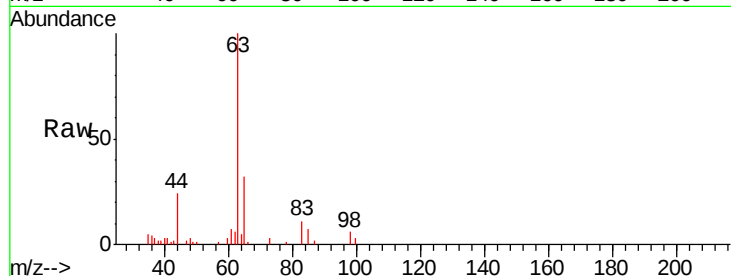
Tgt Ion: 63 Resp: 21280

Ion Ratio Lower Upper

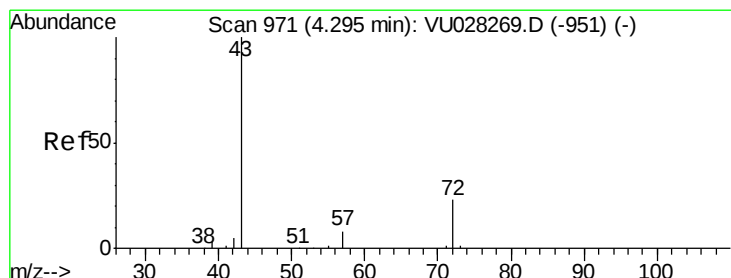
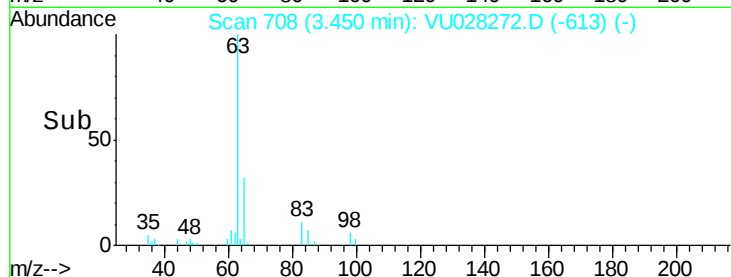
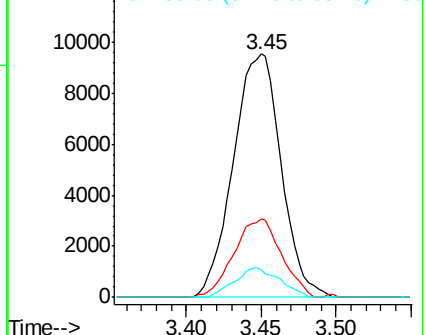
63 100

65 32.3 21.2 39.4

83 11.2 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



#21

2-Butanone

Concen: 8.63 ug/L

RT: 4.29 min Scan# 969

Delta R.T. -0.01 min

Lab File: VU028272.D

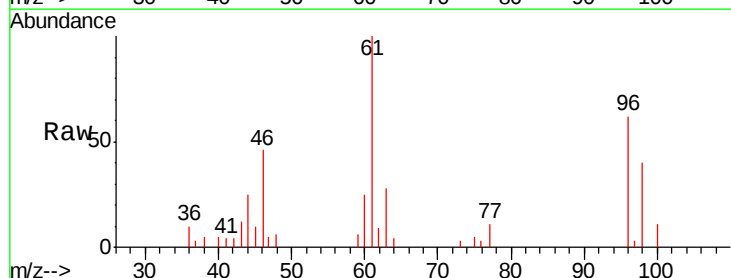
Acq: 20 Nov 2018 12:49

Tgt Ion: 43 Resp: 599

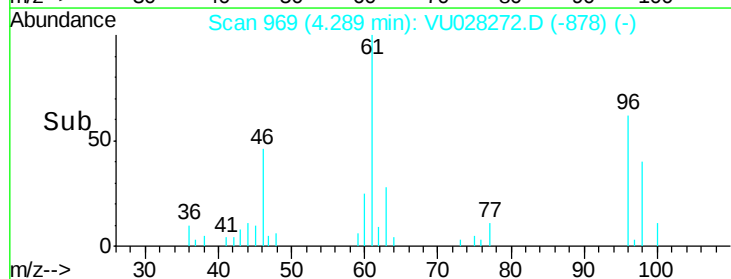
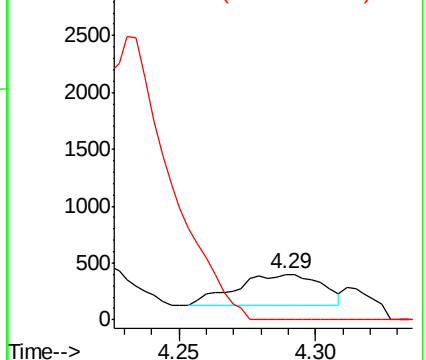
Ion Ratio Lower Upper

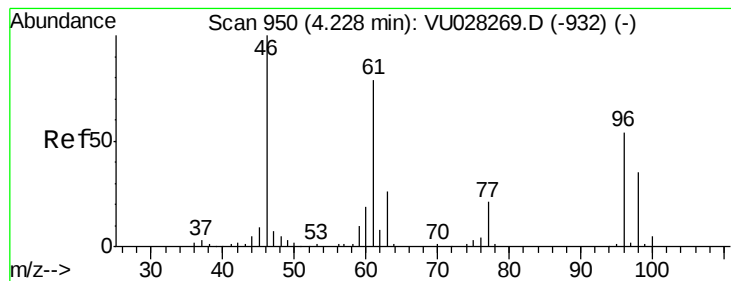
43 100

72 0.0 10.7 32.1#



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



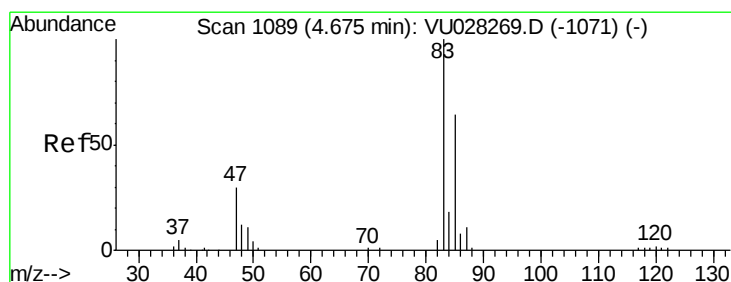
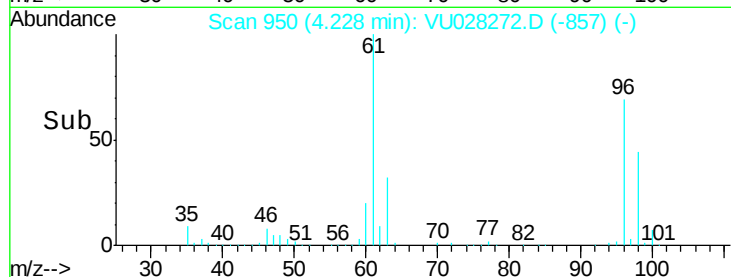
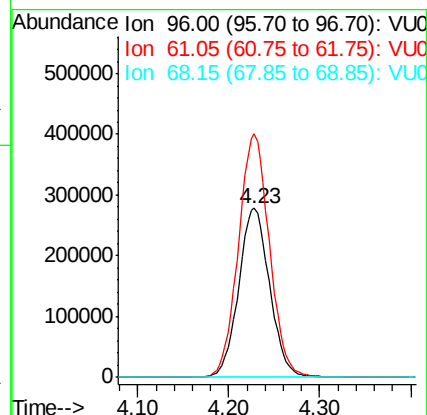
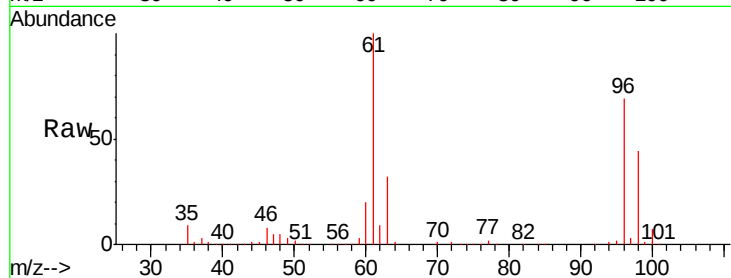


#22

cis-1,2-Dichloroethene
Concen: 3368.97 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
H0FL7

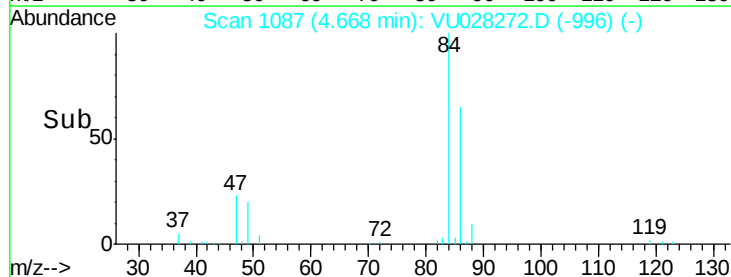
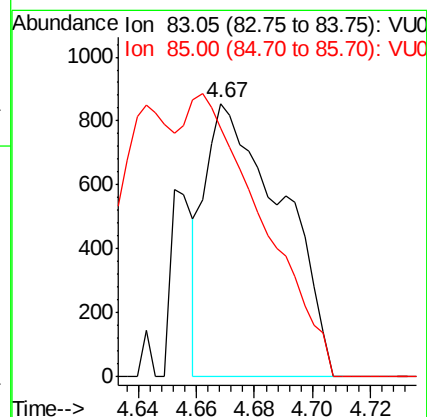
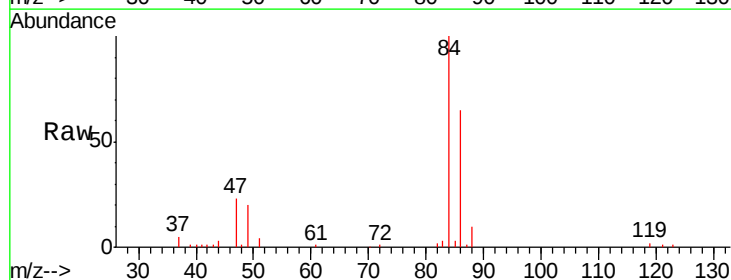
Tgt Ion: 96 Resp: 657042
Ion Ratio Lower Upper
96 100
61 143.9 108.0 200.6
68 0.0 0.0 0.0

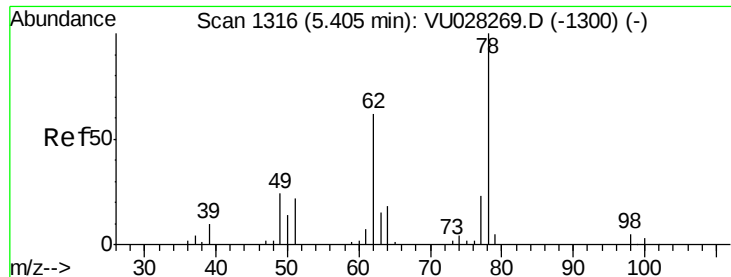


#25

Chloroform
Concen: 3.78 ug/L
RT: 4.67 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Tgt Ion: 83 Resp: 1565
Ion Ratio Lower Upper
83 100
85 90.9 44.6 82.8#





#27

1,2-Dichloroethane

Concen: 1.19 ug/L

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

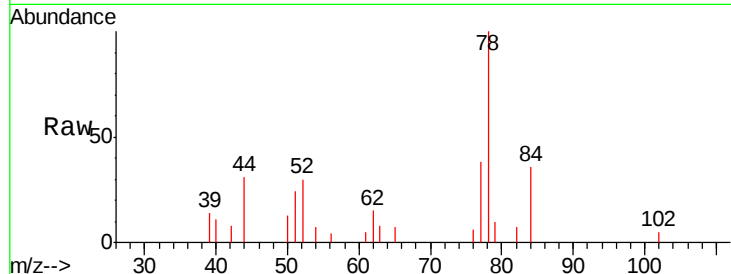
Instrument :
MSVOA_U
ClientSampleId :
H0FL7

Tgt Ion: 62 Resp: 282

Ion Ratio Lower Upper

62 100

98 0.0 6.2 9.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.40

300

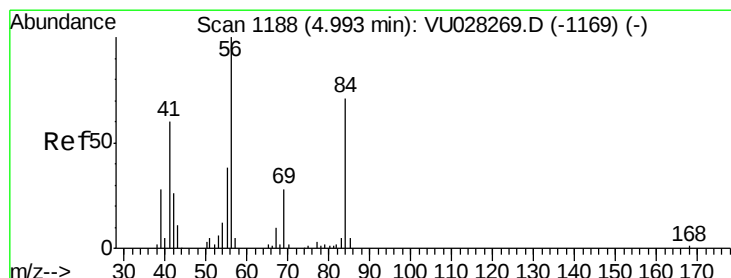
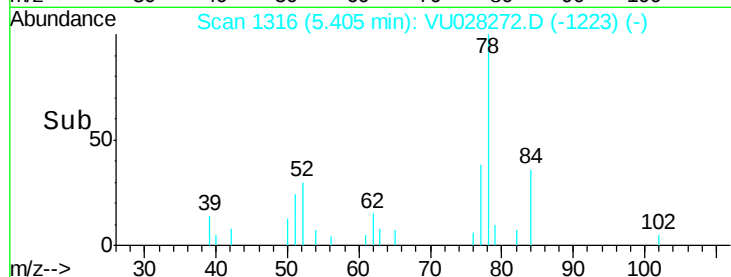
200

100

0

5.38 5.39 5.40 5.41

Time-->



#30

Cyclohexane

Concen: 0.10 ug/L

RT: 4.99 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

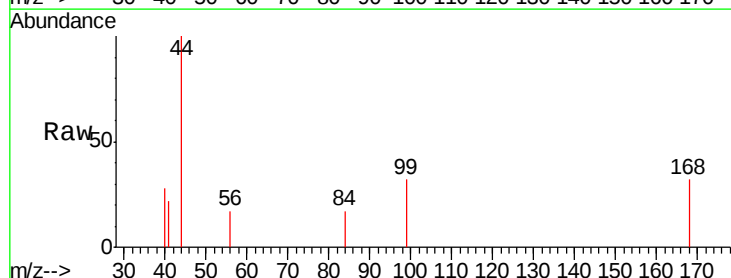
Tgt Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

69 0.0 22.0 33.0#

84 197.6 56.0 84.0#



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

200

150

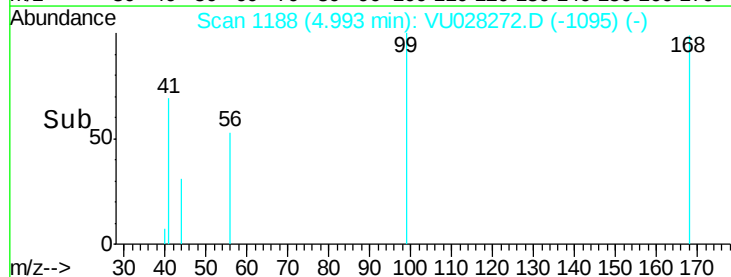
100

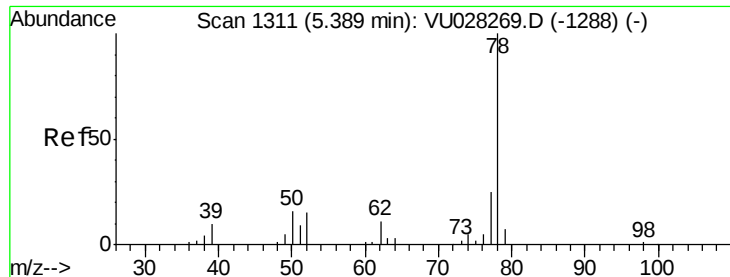
50

0

4.98 4.99 5.00

Time-->





#33

Benzene

Concen: 9.60 ug/L

RT: 5.40 min Scan# 1313

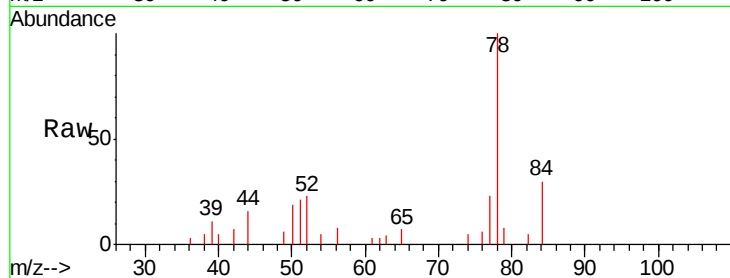
Delta R.T. 0.01 min

Lab File: VU028272.D

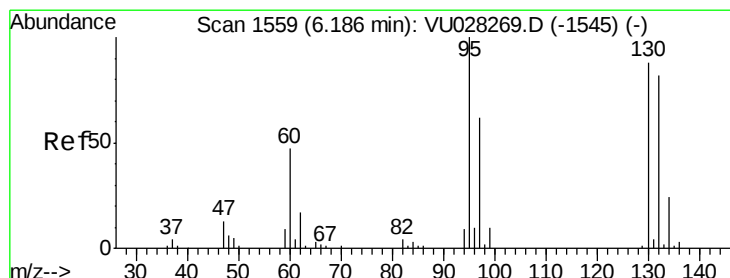
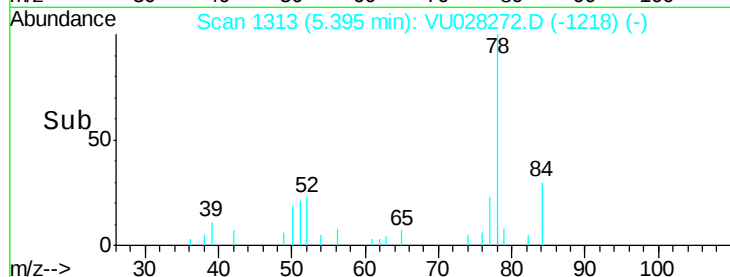
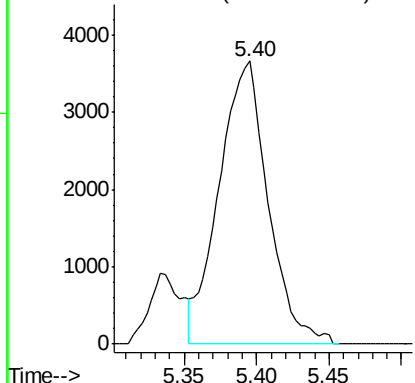
Acq: 20 Nov 2018 12:49

Instrument :
MSVOA_U
ClientSampled :
H0FL7

Tgt Ion: 78 Resp: 8630



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 1040.79 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Tgt Ion: 95 Resp: 229181

Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.5	86.3
132	86.3	58.9	109.3
130	88.9	61.3	113.9

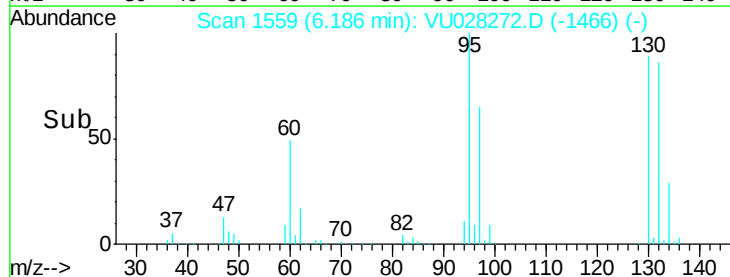
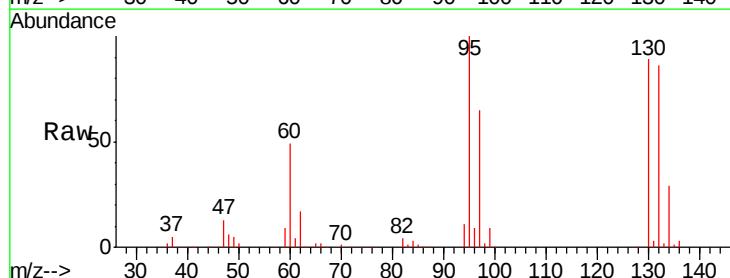
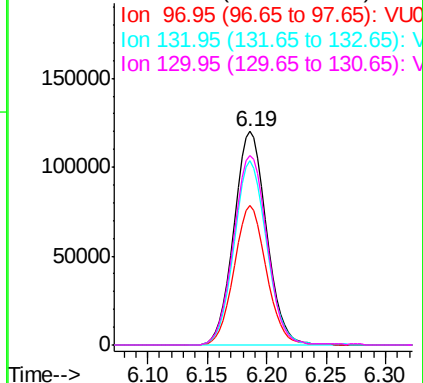
Ion 95.00 (94.70 to 95.70): VU0

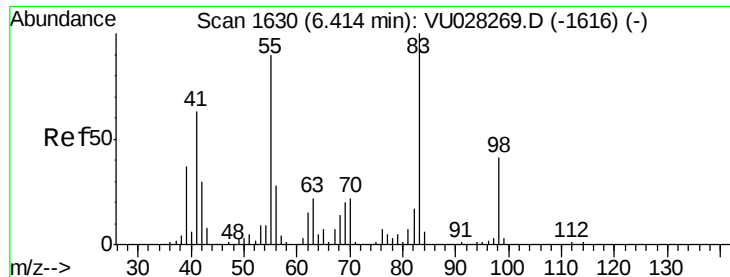
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0





#35

Methylcyclohexane

Concen: 50.24 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

H0FL7

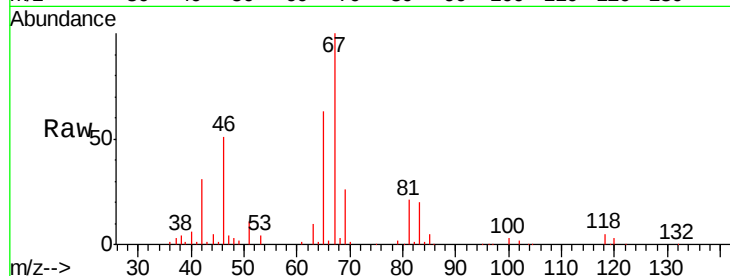
Tgt Ion: 83 Resp: 17430

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

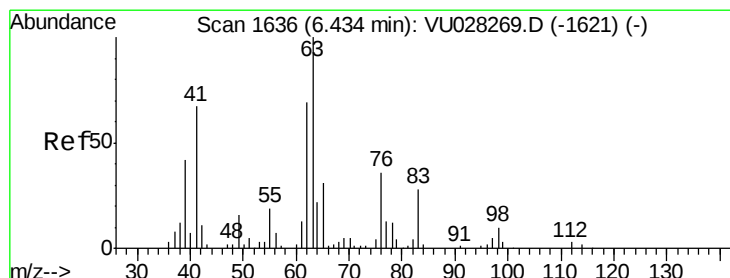
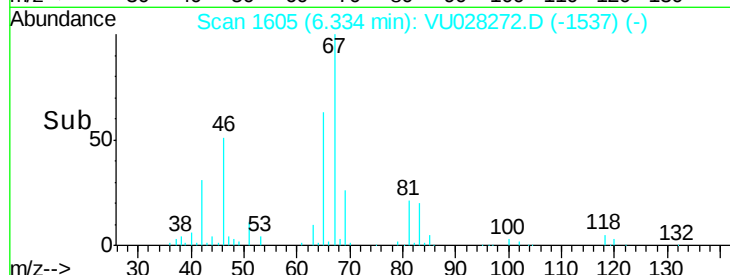
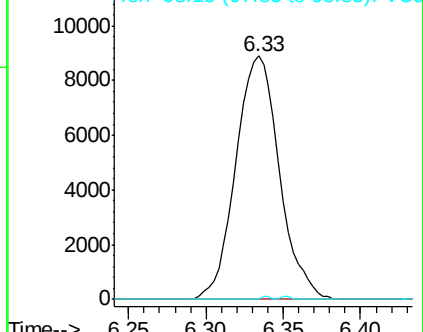
98 0.0 33.4 50.2#



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: 33.47 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028272.D

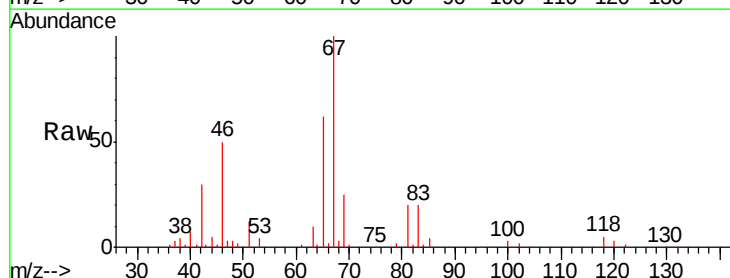
Acq: 20 Nov 2018 12:49

Tgt Ion: 63 Resp: 8590

Ion Ratio Lower Upper

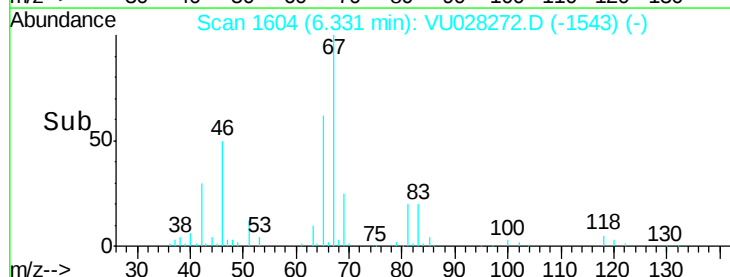
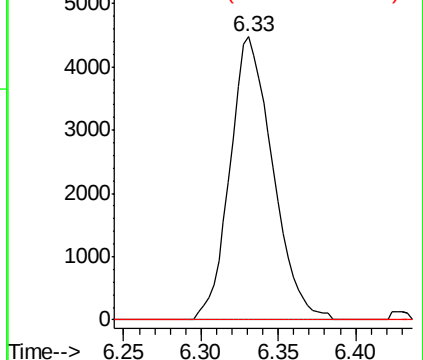
63 100

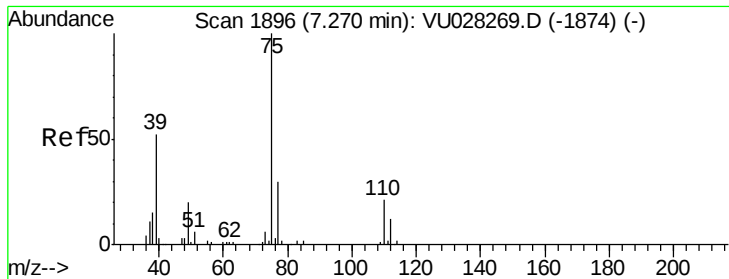
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

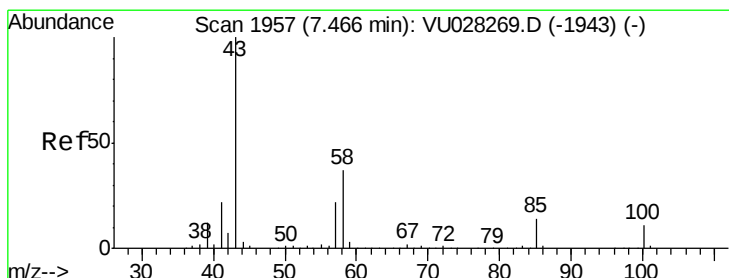
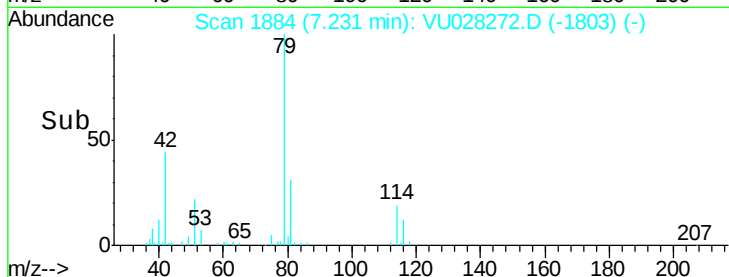
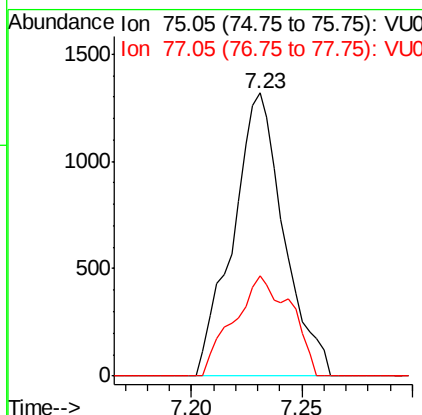
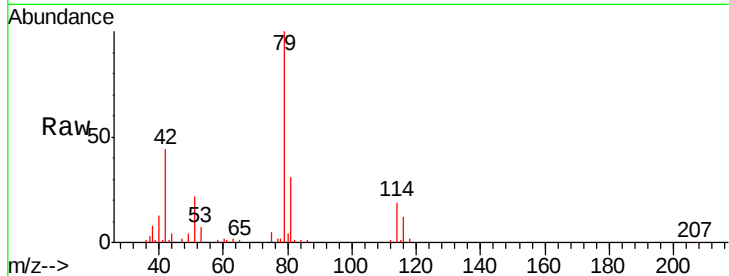




#39
 cis-1,3-Dichloropropene
 Concen: 6.48 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028272.D
 Acq: 20 Nov 2018 12:49

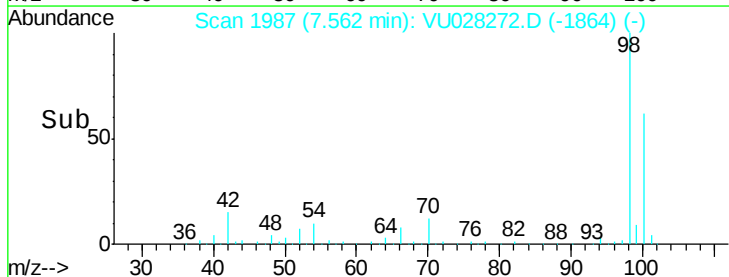
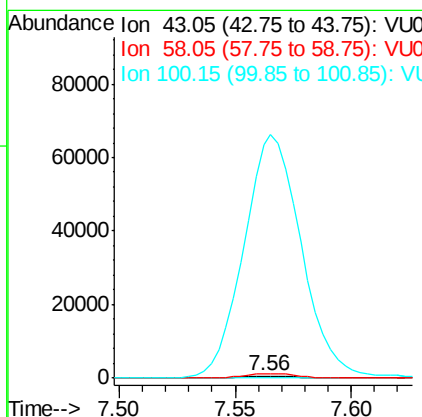
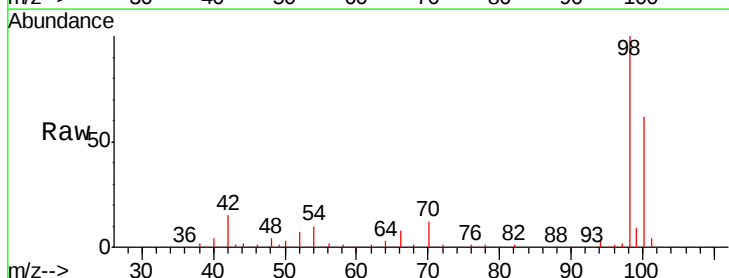
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FL7

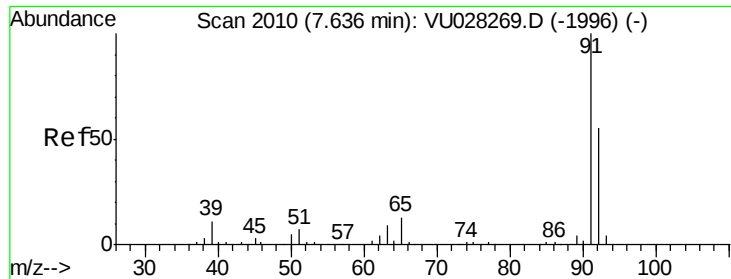
Tgt Ion: 75 Resp: 2109
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 6.07 ug/L
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.10 min
 Lab File: VU028272.D
 Acq: 20 Nov 2018 12:49

Tgt Ion: 43 Resp: 1113
 Ion Ratio Lower Upper
 43 100
 58 173.0 28.8 43.2#
 100 10317.8 8.0 12.0#





#42

Toluene

Concen: 0.60 ug/L

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

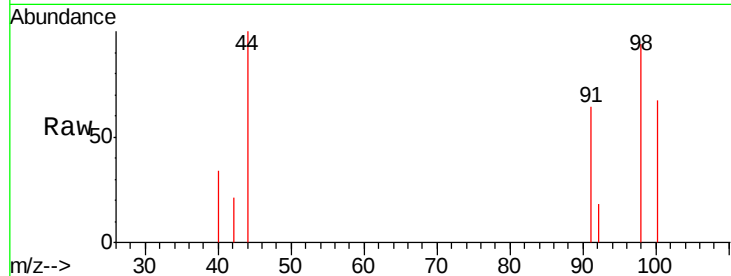
H0FL7

Tgt Ion: 91 Resp: 550

Ion Ratio Lower Upper

91 100

92 27.8 39.0 72.4#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

400

300

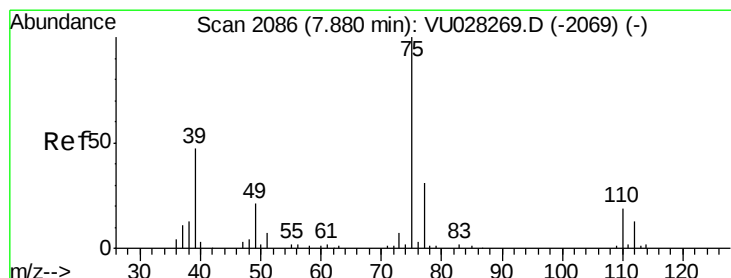
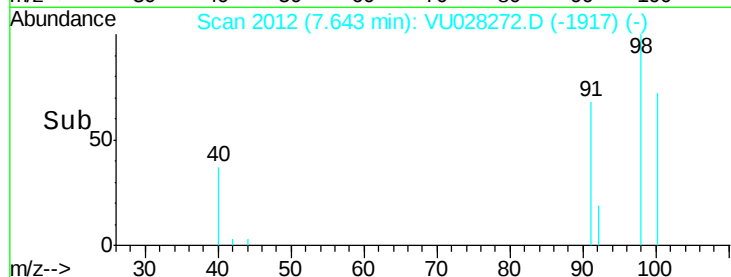
200

100

0

7.60 7.62 7.64 7.66 7.68

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.24 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028272.D

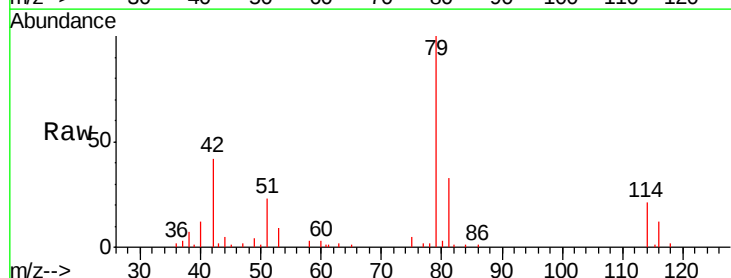
Acq: 20 Nov 2018 12:49

Tgt Ion: 75 Resp: 1037

Ion Ratio Lower Upper

75 100

77 38.5 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.85

800

600

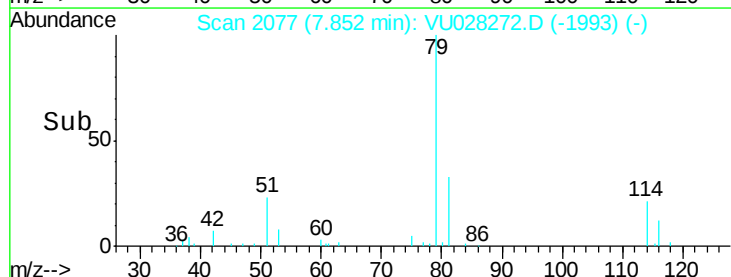
400

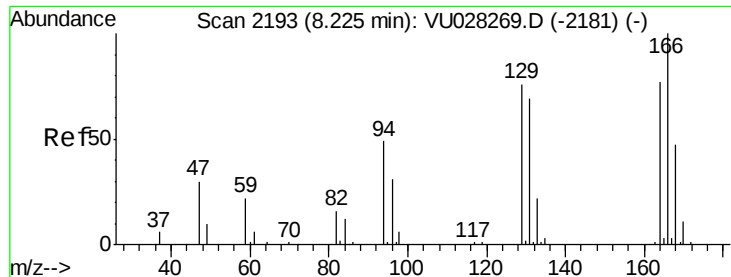
200

0

7.85 7.90

Time-->

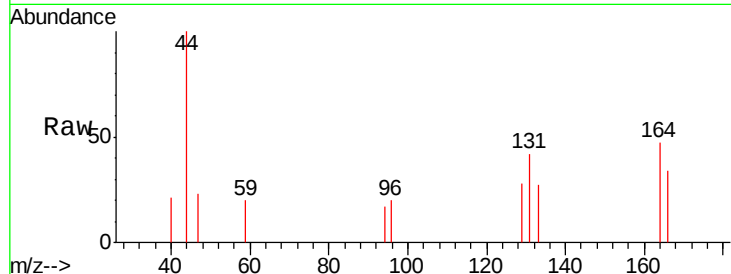




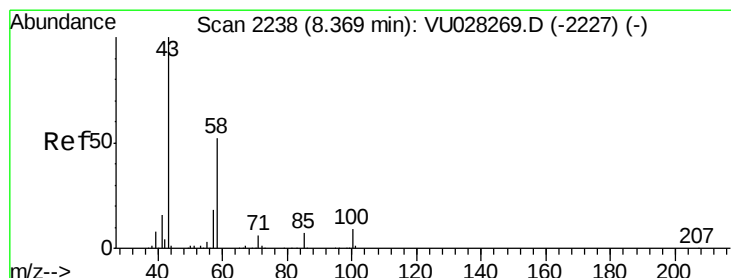
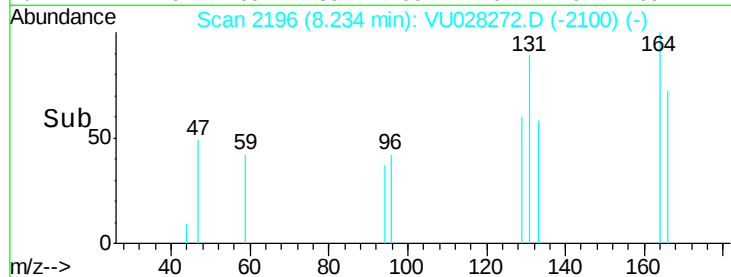
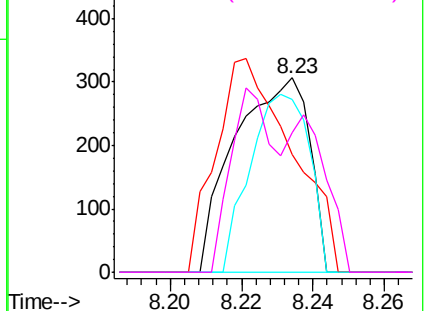
#47
Tetrachloroethene
Concen: 2.90 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Instrument :
MSVOA_U
ClientSampled :
H0FL7

Tgt Ion:164 Resp: 443
Ion Ratio Lower Upper
164 100
129 60.5 67.6 125.6#
131 89.2 66.3 123.1
166 72.2 89.2 165.6#

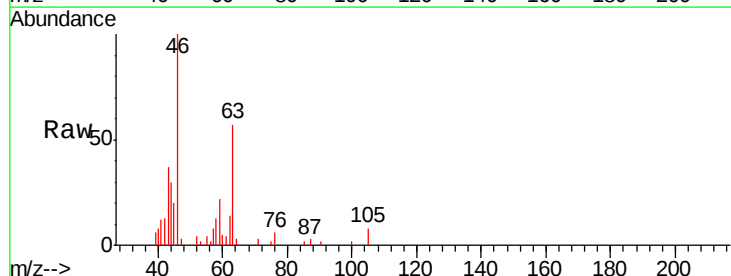


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

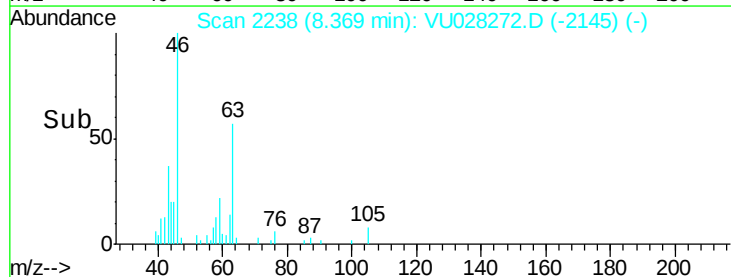
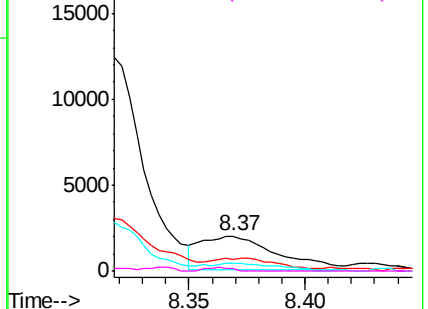


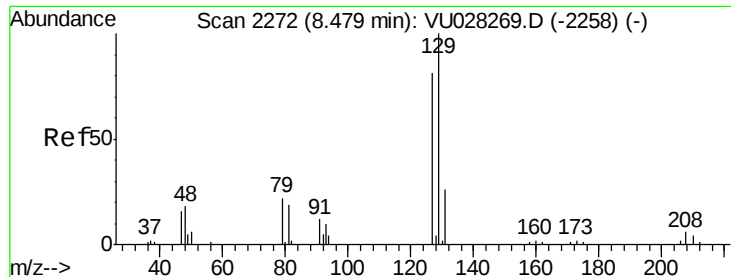
#48
2-Hexanone
Concen: 33.66 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
58 25.5 41.1 61.7#
57 17.9 13.8 20.8
100 3.7 6.5 9.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

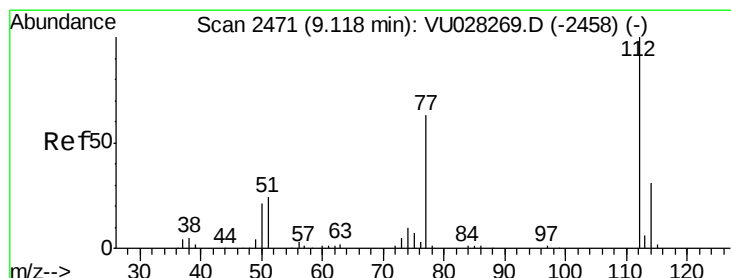
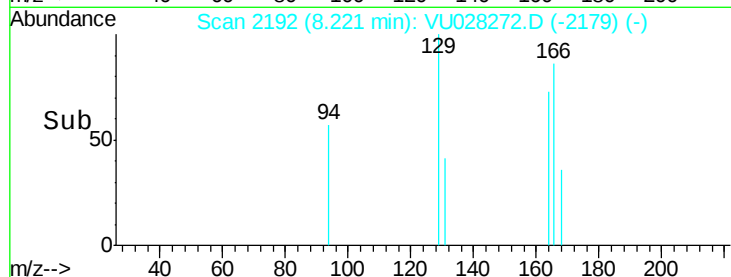
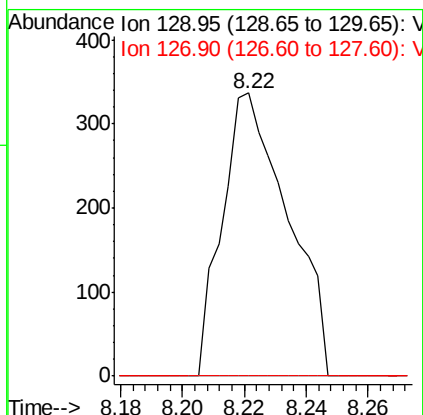
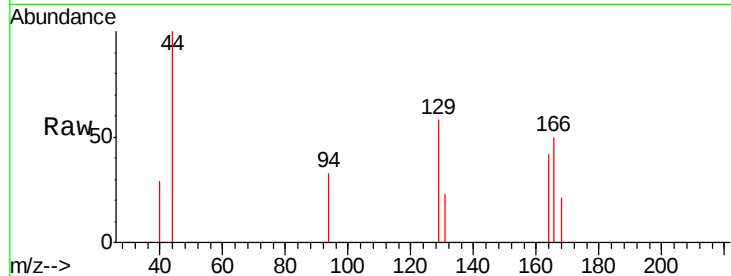




#49
Dibromochloromethane
Concen: 3.15 ug/L
RT: 8.22 min Scan# 2192
Delta R.T. -0.26 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

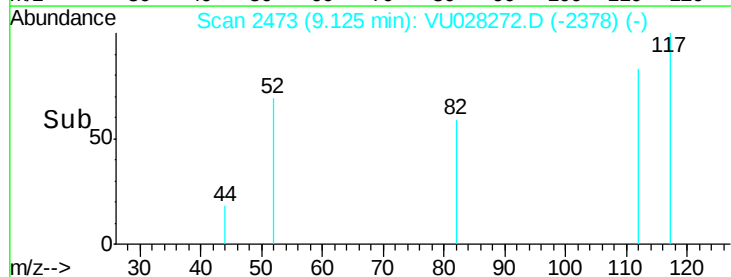
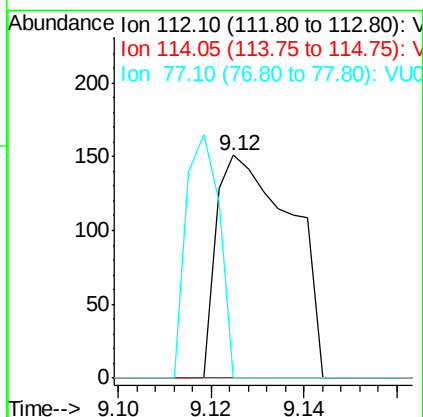
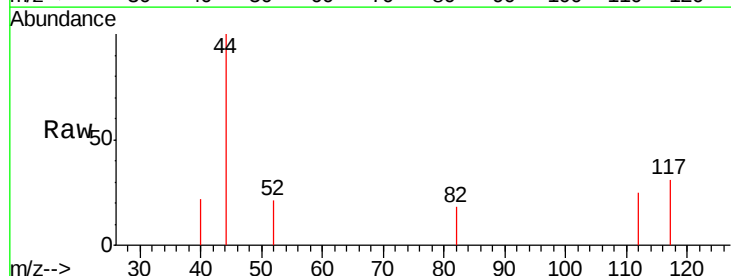
Instrument :
MSVOA_U
ClientSampleId :
H0FL7

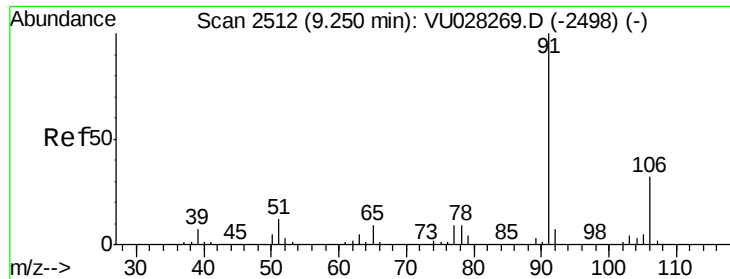
Tgt Ion:129 Resp: 495
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#51
Chlorobenzene
Concen: 0.32 ug/L
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU028272.D
Acq: 20 Nov 2018 12:49

Tgt Ion:112 Resp: 170
Ion Ratio Lower Upper
112 100
114 0.0 22.3 41.5#
77 0.0 52.4 78.6#





#52

Ethylbenzene

Concen: 0.07 ug/L

RT: 9.27 min Scan# 2517

Delta R.T. 0.02 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

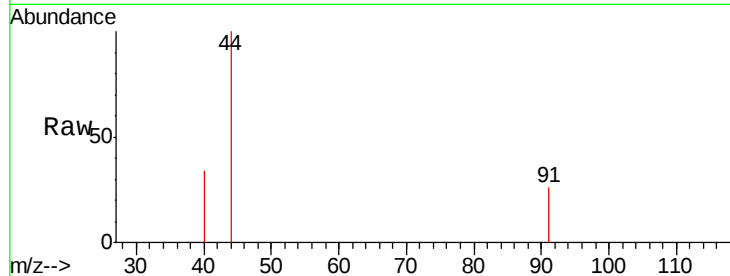
H0FL7

Tgt Ion: 91 Resp: 71

Ion Ratio Lower Upper

91 100

106 0.0 19.3 35.9#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

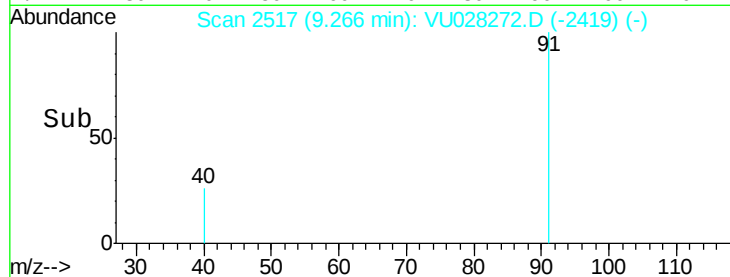
150

100

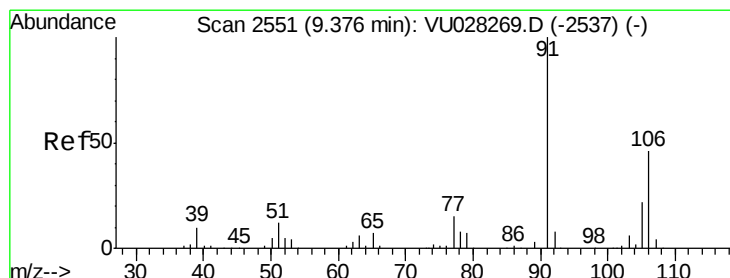
50

0

9.25 9.26 9.27 9.28



Time-->



#53

m,p-xylene

Concen: 0.49 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU028272.D

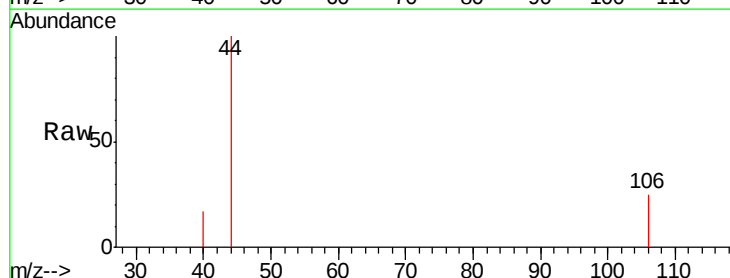
Acq: 20 Nov 2018 12:49

Tgt Ion: 106 Resp: 166

Ion Ratio Lower Upper

106 100

91 0.0 150.6 279.6#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

250

200

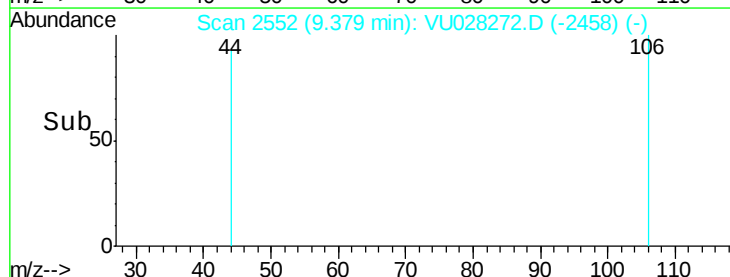
150

100

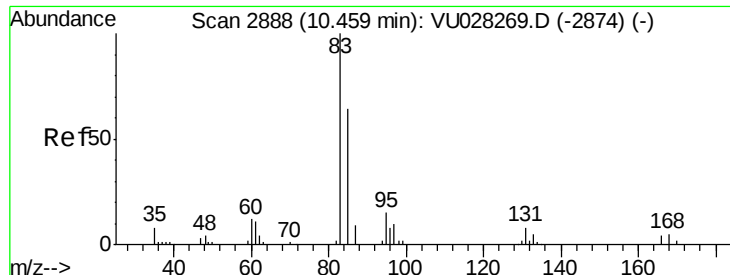
50

0

9.36 9.37 9.38 9.39 9.40



Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 0.57 ug/L

RT: 10.43 min Scan# 2880

Delta R.T. -0.03 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

H0FL7

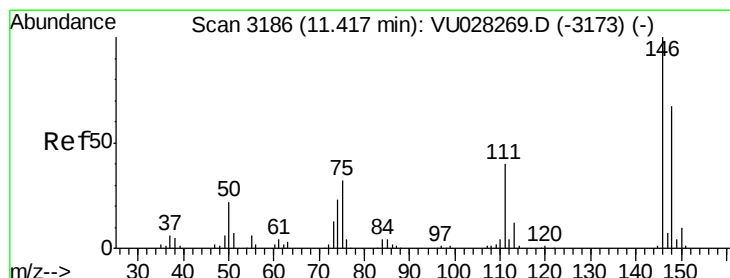
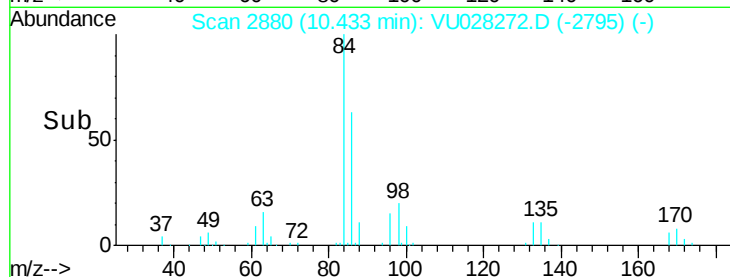
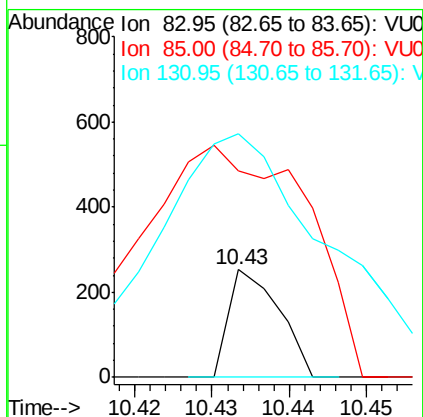
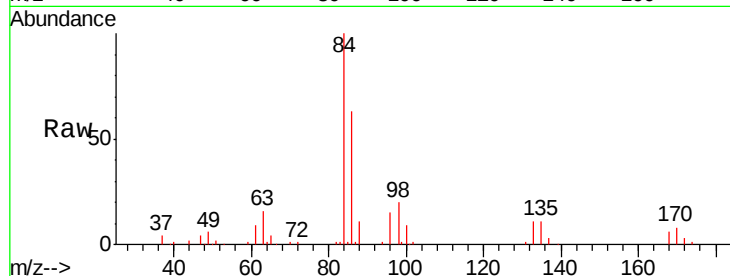
Tgt Ion: 83 Resp: 114

Ion Ratio Lower Upper

83 100

85 191.3 46.1 85.5#

131 226.1 6.2 9.2#



#62

1,3-Dichlorobenzene

Concen: 0.16 ug/L

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

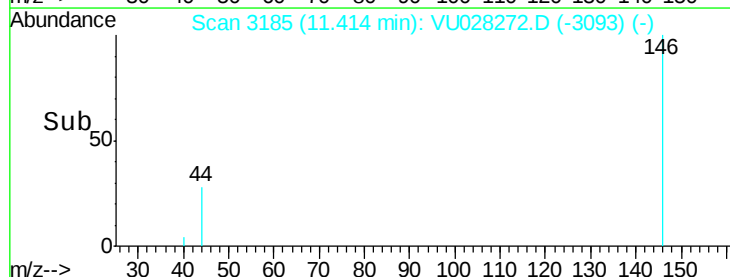
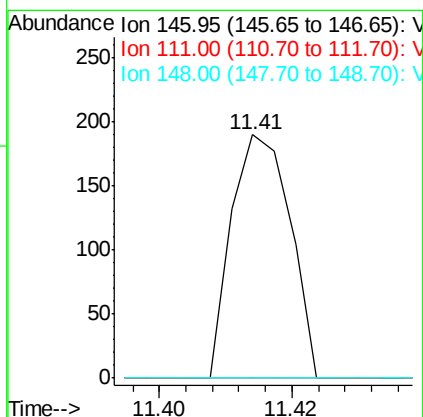
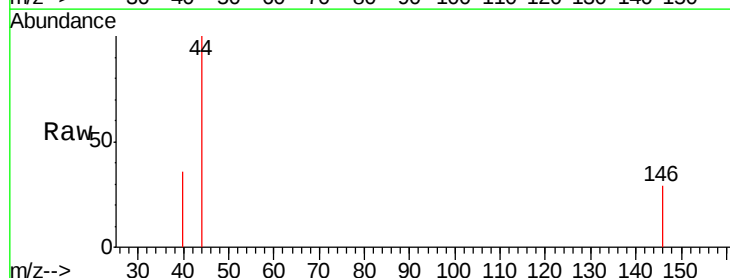
Tgt Ion: 146 Resp: 116

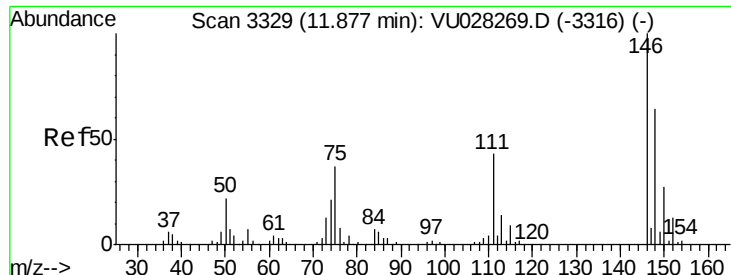
Ion Ratio Lower Upper

146 100

111 0.0 30.4 56.4#

148 0.0 45.3 84.1#





#65

1,2-Dichlorobenzene

Concen: 0.15 ug/L

RT: 11.87 min Scan# 3326

Delta R.T. -0.01 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

Instrument :

MSVOA_U

ClientSampled :

H0FL7

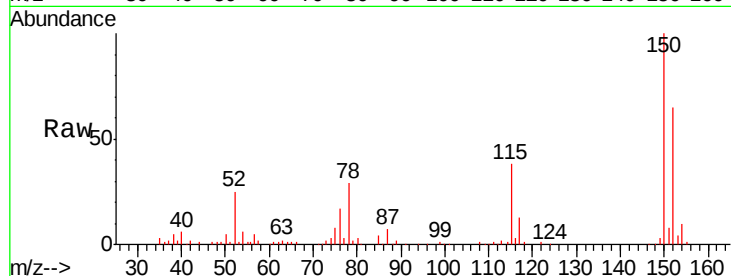
Tgt Ion:146 Resp: 102

Ion Ratio Lower Upper

146 100

111 371.2 34.7 52.1#

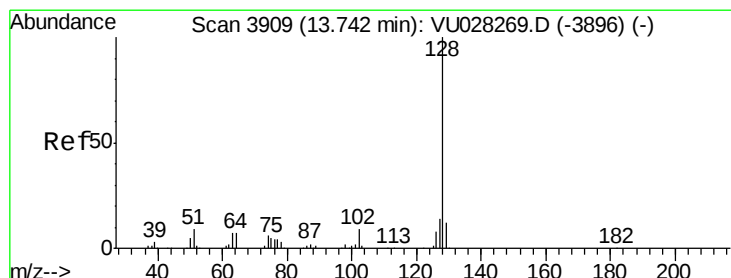
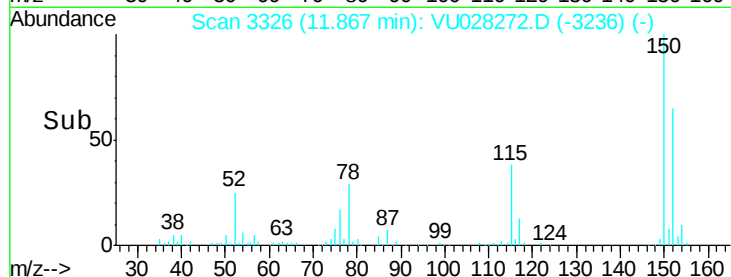
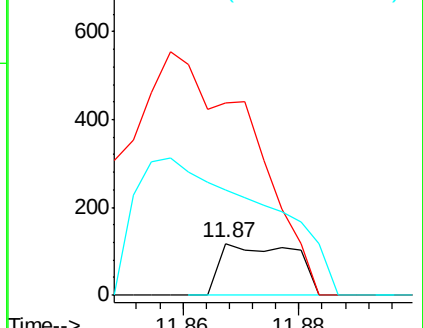
148 204.2 51.2 76.8#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 0.09 ug/L

RT: 13.79 min Scan# 3923

Delta R.T. 0.04 min

Lab File: VU028272.D

Acq: 20 Nov 2018 12:49

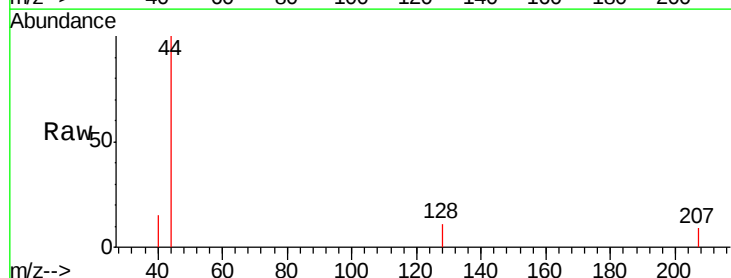
Tgt Ion:128 Resp: 70

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

