

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028141.D
 Acq On : 15 Nov 2018 00:07
 Operator : MD/SY
 Sample : J5943-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH1

Quant Time: Nov 15 06:17:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127355	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48667	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	43062	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.28	63	68838	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.21	46	176087	55.13	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.26%
24) Chloroform-d	4.65	84	85569	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	49474	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	173525	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	67629	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.57	98	154345	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	20030	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	137006	51.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46972	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	56232	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
3) Chloromethane	1.39	50	8703	0.582 ug/L #	77
5) Vinyl chloride	1.40	62	94103	6.620 ug/L	100
8) Chloroethane	1.70	64	13555	1.584 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	559	0.064 ug/L #	1
12) 1,1-Dichloroethene	2.29	96	773	0.088 ug/L #	1
13) Acetone	2.34	43	8080	3.756 ug/L	98
14) Carbon disulfide	2.48	76	4606	0.156 ug/L #	92
15) Methyl Acetate	2.63	43	2162	0.376 ug/L #	58
17) Methyl tert-butyl Ether	3.01	73	6024	0.244 ug/L #	62
18) trans-1,2-Dichloroethene	2.98	96	64883	6.916 ug/L	98
19) 1,1-Dichloroethane	3.45	63	23922	1.212 ug/L	97
21) 2-Butanone	4.30	43	18497	5.448 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	122468	11.839 ug/L	94
27) 1,2-Dichloroethane	5.41	62	6434	0.553 ug/L #	89
33) Benzene	5.39	78	119152	2.777 ug/L	100
34) Trichloroethene	6.19	95	42038	3.964 ug/L	97
35) Methylcyclohexane	6.33	83	12911	0.708 ug/L #	17

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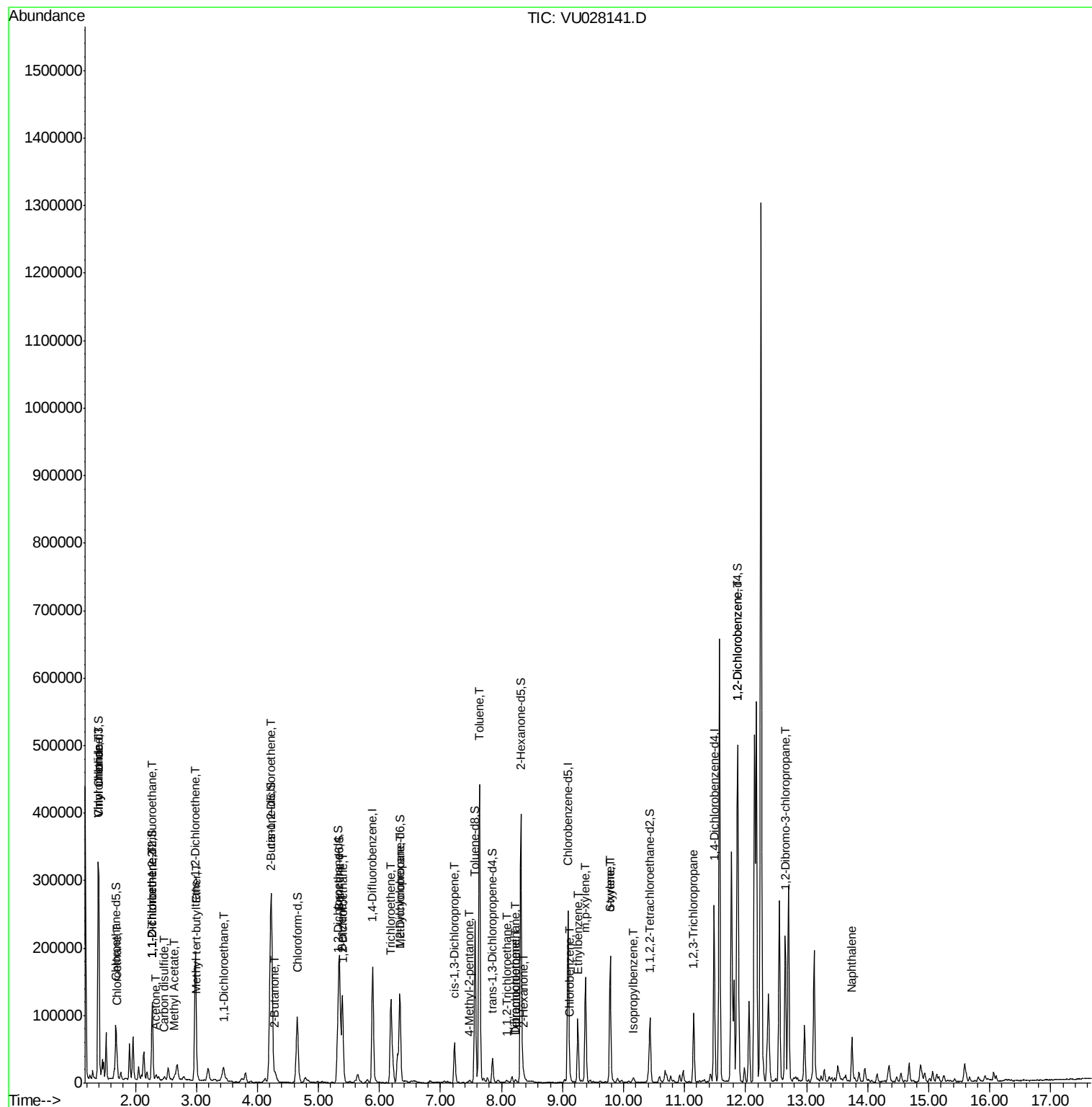
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.23	75	1257	0.078	ug/L #	54
40) 4-Methyl-2-pentanone	7.47	43	3183	0.390	ug/L #	84
42) Toluene	7.64	91	309433	6.995	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	609	0.085	ug/L	93
47) Tetrachloroethene	8.23	164	847	0.098	ug/L	92
48) 2-Hexanone	8.37	43	2733	0.470	ug/L #	88
49) Dibromochloromethane	8.23	129	767	0.101	ug/L #	11
51) Chlorobenzene	9.12	112	3911	0.151	ug/L	97
52) Ethylbenzene	9.25	91	65687	1.360	ug/L	98
53) m,p-xylene	9.38	106	41847	2.379	ug/L	96
54) o-xylene	9.78	106	47513	2.805	ug/L	95
55) Styrene	9.78	104	3196	0.112	ug/L #	1
56) Isopropylbenzene	10.17	105	4221	0.092	ug/L	94
59) 1,2,3-Trichloropropane	11.14	75	559	0.084	ug/L #	1
65) 1,2-Dichlorobenzene	11.88	146	1334	0.073	ug/L #	88
66) 1,2-Dibromo-3-chloropropan	12.65	75	900	0.678	ug/L #	3
69) Naphthalene	13.74	128	48031	2.014	ug/L	99

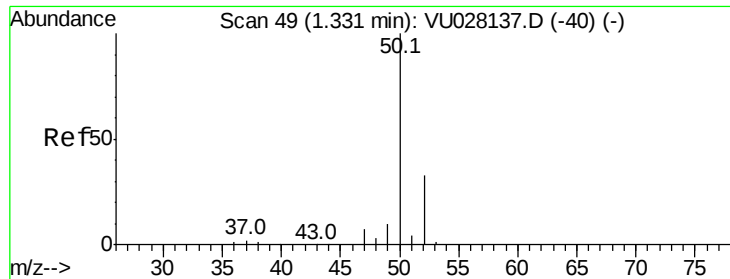
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.582 ug/L

RT: 1.39 min Scan# 67

Delta R.T. 0.06 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampleId :

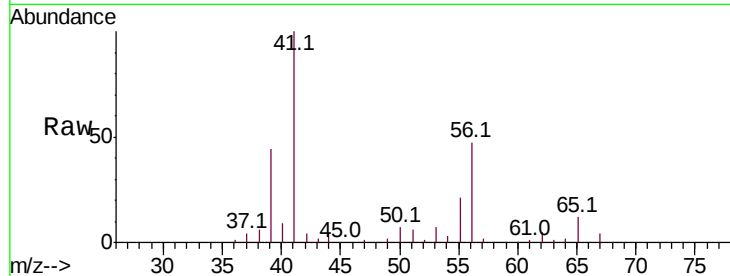
H0FH1

Tot Ion: 50 Resp: 8703

Ion Ratio Lower Upper

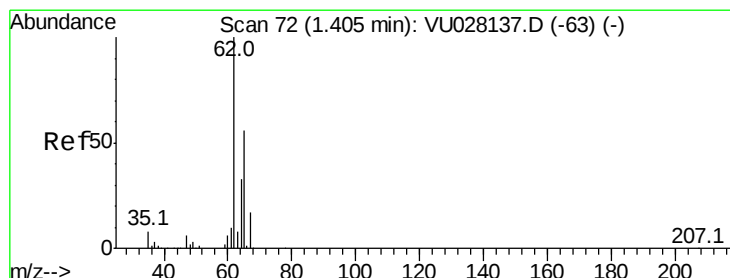
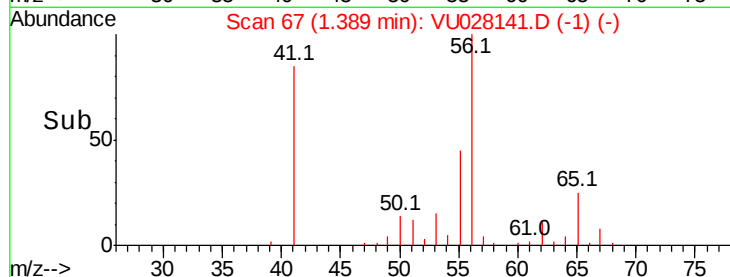
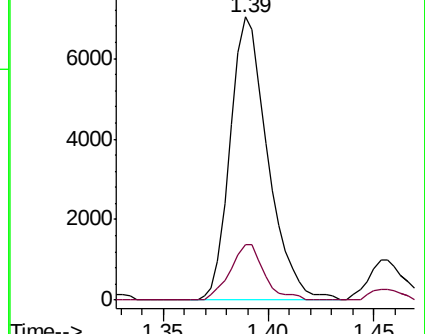
50 100

52 19.8 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 6.620 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028141.D

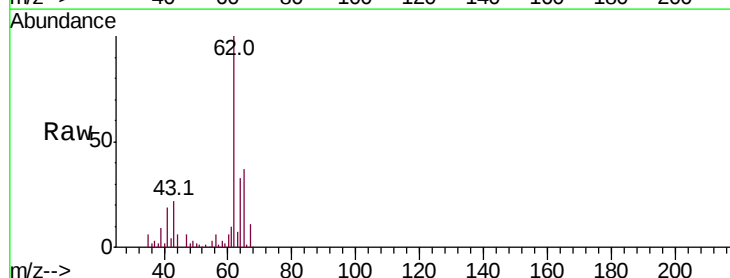
Acq: 15 Nov 2018 00:07

Tgt Ion: 62 Resp: 94103

Ion Ratio Lower Upper

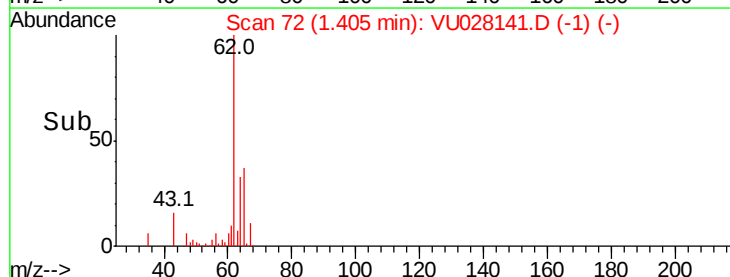
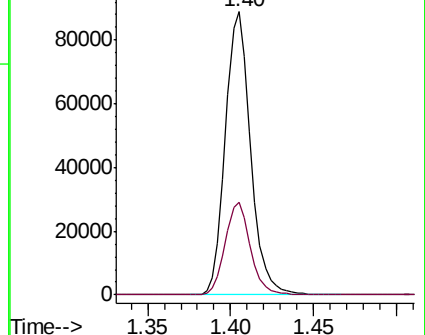
62 100

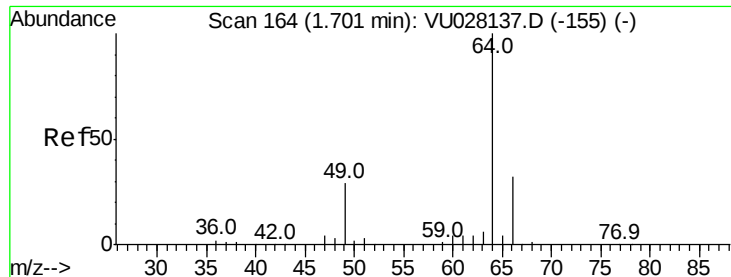
64 32.5 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 1.584 ug/L

RT: 1.70 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampleId :

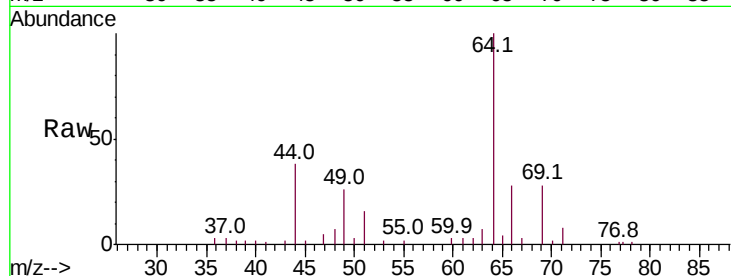
H0FH1

Tot Ion: 64 Resp: 13555

Ion Ratio Lower Upper

64 100

66 28.3 23.1 42.9



Abundance Ion 64.10 (63.80 to 64.80): VU028137.D (-155) (-)

Ion 66.05 (65.75 to 66.75): VU028137.D (-155) (-)

1.70

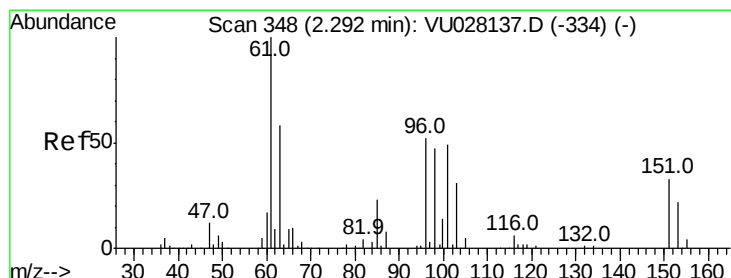
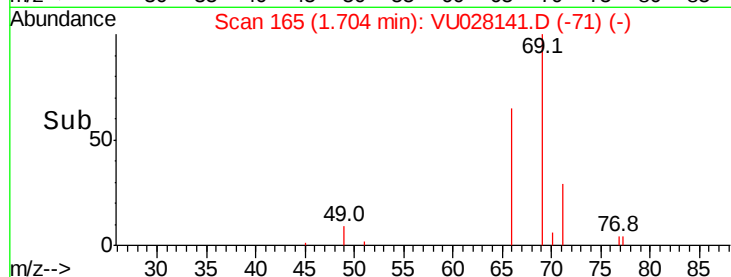
10000

5000

0

1.65 1.70 1.75

Time-->



#10

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

Concen: 0.064 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

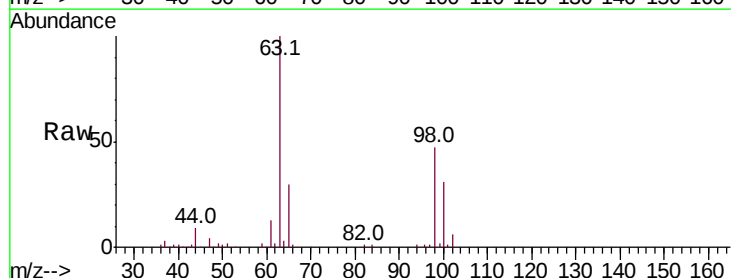
Tgt Ion: 101 Resp: 559

Ion Ratio Lower Upper

101 100

85 237.6 37.6 56.4#

151 0.0 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): VU028137.D (-334) (-)

Ion 85.00 (84.70 to 85.70): VU028137.D (-334) (-)

Ion 151.00 (150.70 to 151.70): VU028137.D (-334) (-)

2.28

500

400

300

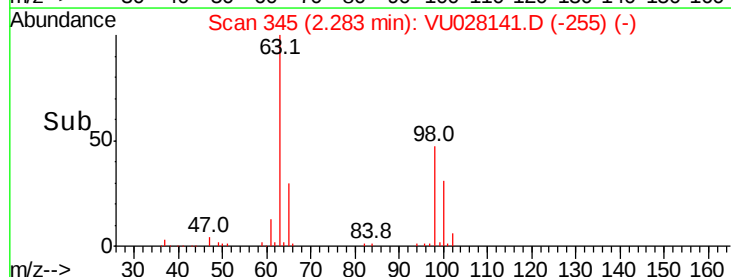
200

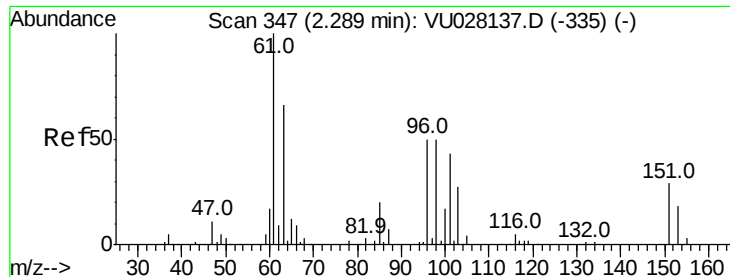
100

0

2.24 2.26 2.28 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :
MSVOA_U
ClientSampleId :
H0FH1

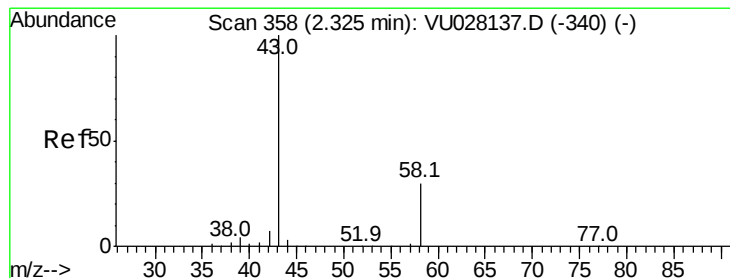
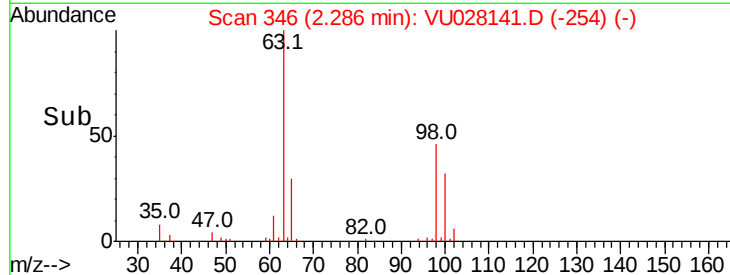
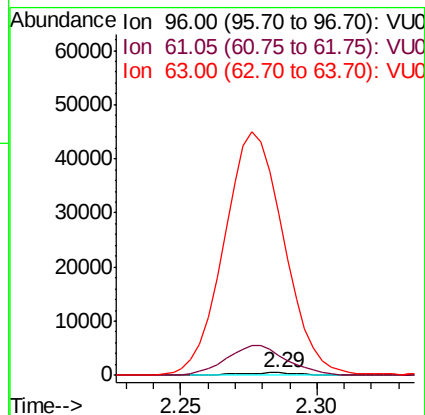
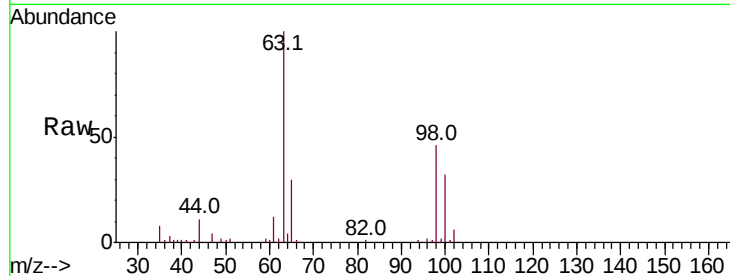
Tot Ion: 96 Resp: 773

Ion Ratio Lower Upper

96 100

61 801.1 134.8 250.3#

63 6469.1 100.1 185.9#



#13

Acetone

Concen: 3.756 ug/L

RT: 2.34 min Scan# 363

Delta R.T. 0.02 min

Lab File: VU028141.D

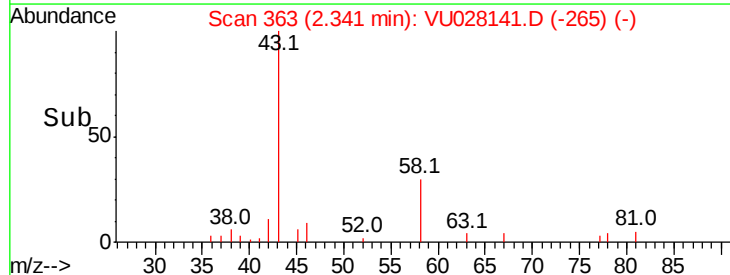
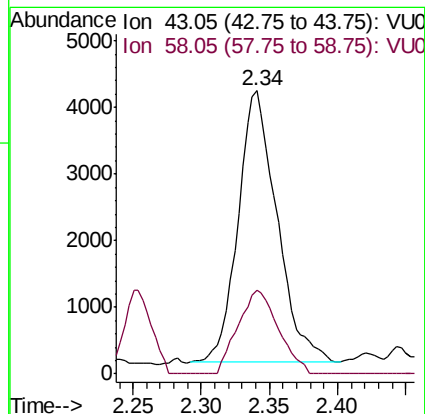
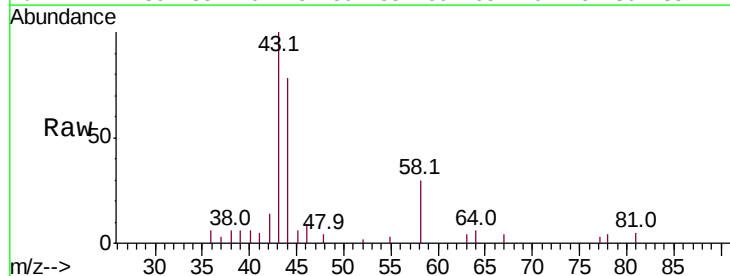
Acq: 15 Nov 2018 00:07

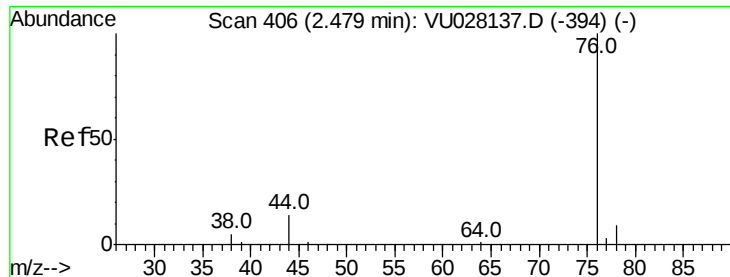
Tgt Ion: 43 Resp: 8080

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.6





#14

Carbon disulfide

Concen: 0.156 ug/L

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampleId :

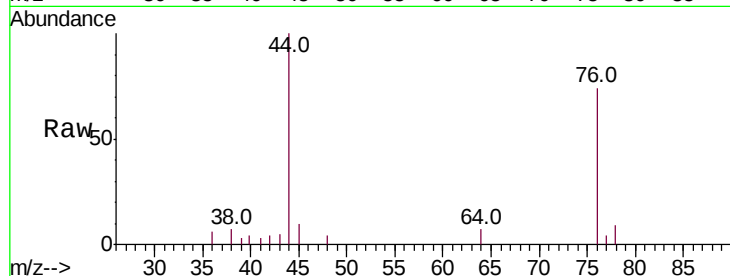
H0FH1

Tot Ion: 76 Resp: 4606

Ion Ratio Lower Upper

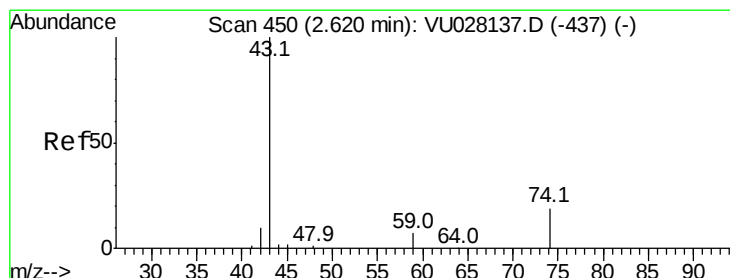
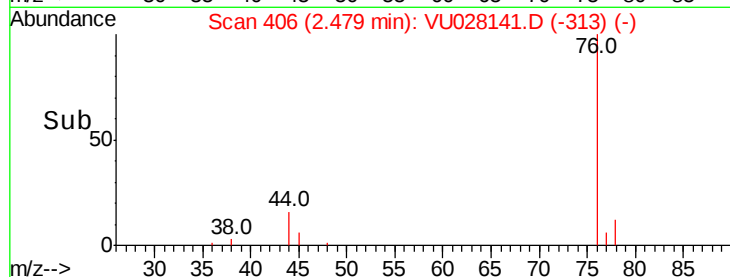
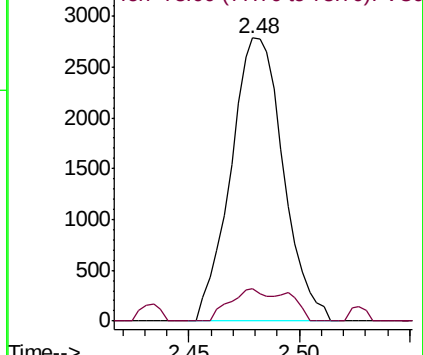
76 100

78 11.6 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VU028137.D (-394) (-)

Ion 78.00 (77.70 to 78.70): VU028137.D (-394) (-)



#15

Methyl Acetate

Concen: 0.376 ug/L

RT: 2.63 min Scan# 453

Delta R.T. 0.01 min

Lab File: VU028141.D

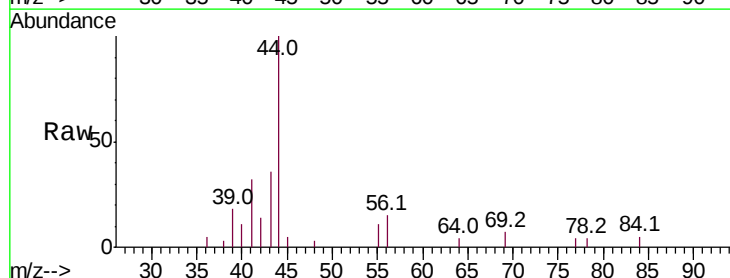
Acq: 15 Nov 2018 00:07

Tgt Ion: 43 Resp: 2162

Ion Ratio Lower Upper

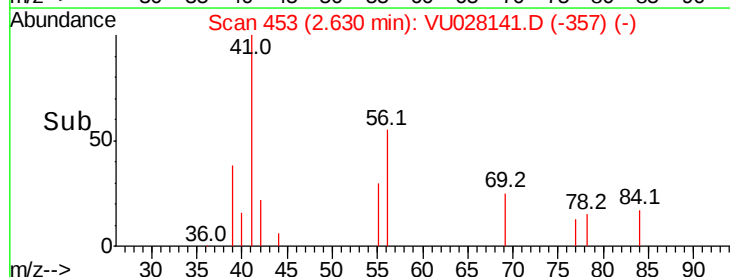
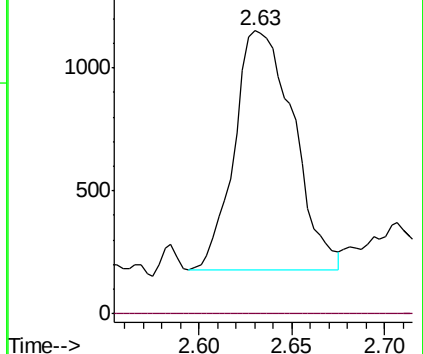
43 100

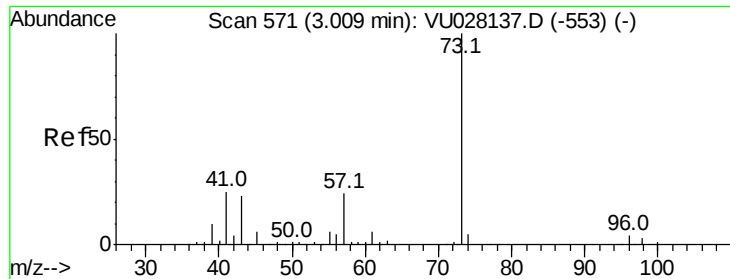
74 0.0 14.9 22.3#



Abundance Ion 43.05 (42.75 to 43.75): VU028137.D (-437) (-)

Ion 74.05 (73.75 to 74.75): VU028137.D (-437) (-)



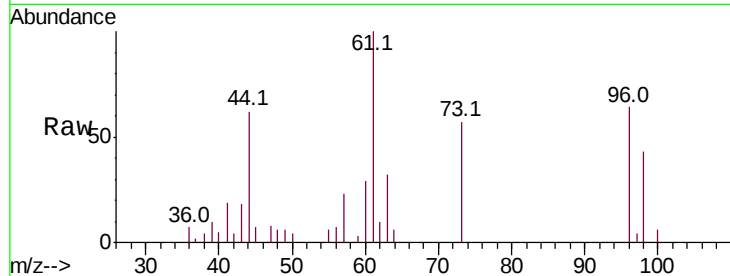


#17

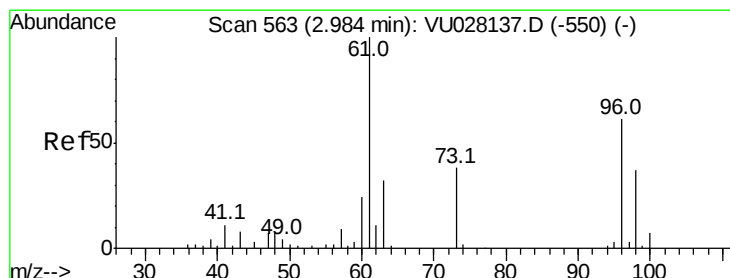
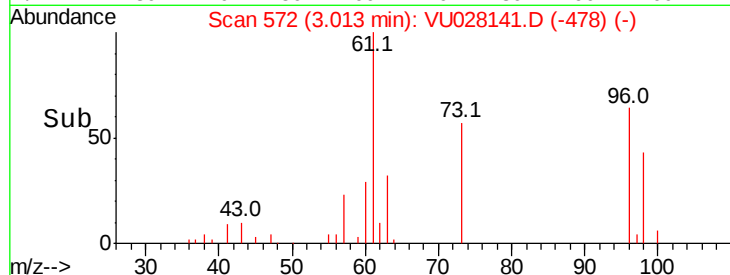
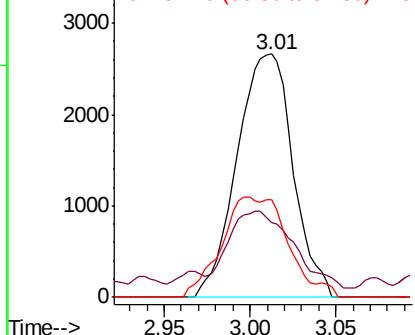
Methvl tert-butvl Ether
 Concen: 0.244 ug/L
 RT: 3.01 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Instrument :
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 ClientSampleId :
 H0FH1

Tot Ion: 73 Resp: 6024
 Ion Ratio Lower Upper
 73 100
 43 35.9 18.1 27.1#
 57 49.1 20.0 30.0#



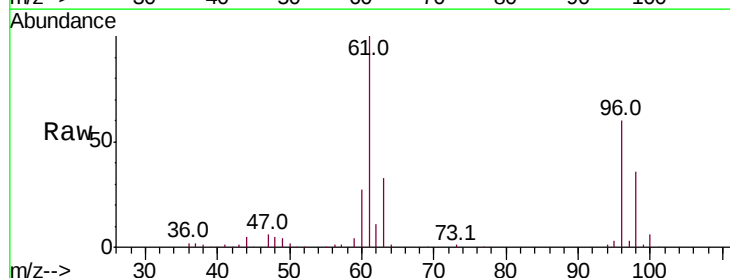
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



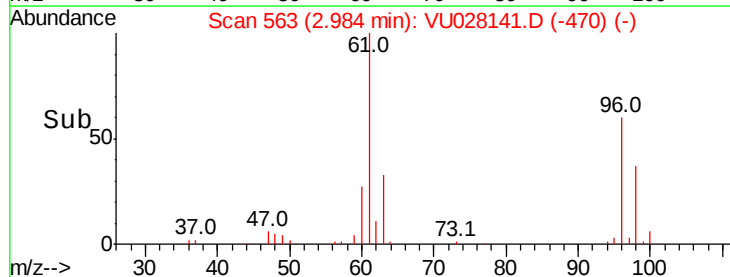
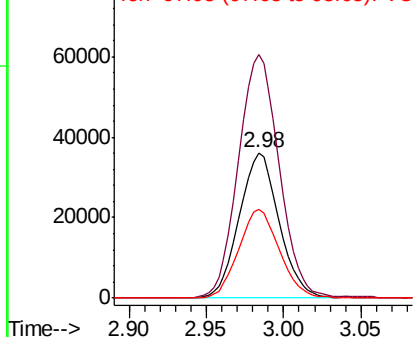
#18

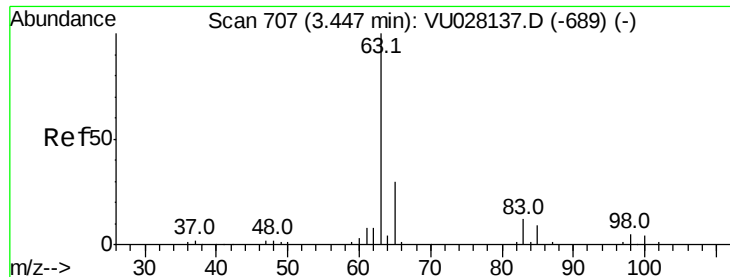
trans-1,2-Dichloroethene
 Concen: 6.916 ug/L
 RT: 2.98 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Tgt Ion: 96 Resp: 64883
 Ion Ratio Lower Upper
 96 100
 61 167.5 118.5 220.1
 98 61.0 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

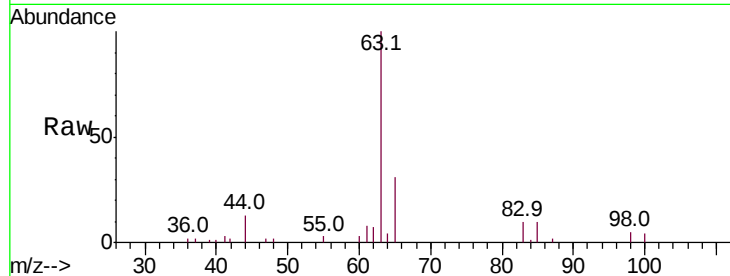




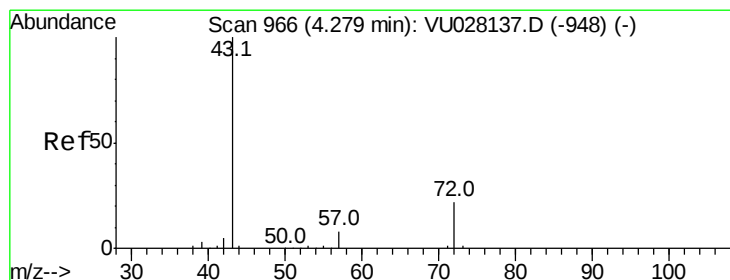
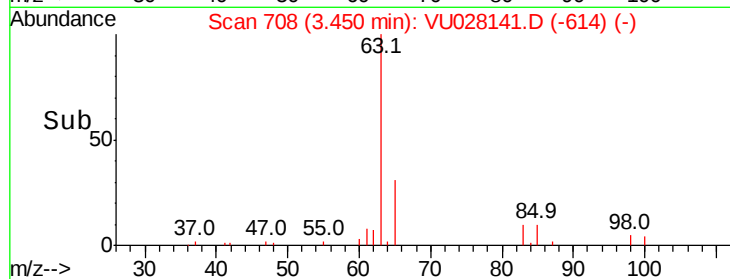
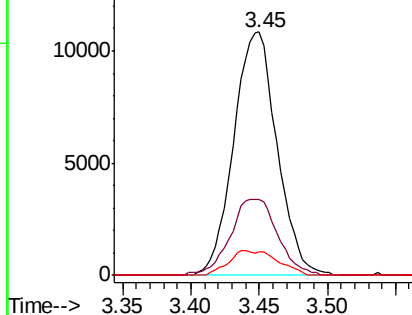
#19
 1,1-Dichloroethane
 Concen: 1.212 ug/L
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Instrument :
 MSVOA_U
 ClientSampled :
 H0FH1

Tot Ion: 63 Resp: 23922
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.2 41.2
 83 9.6 8.9 16.5

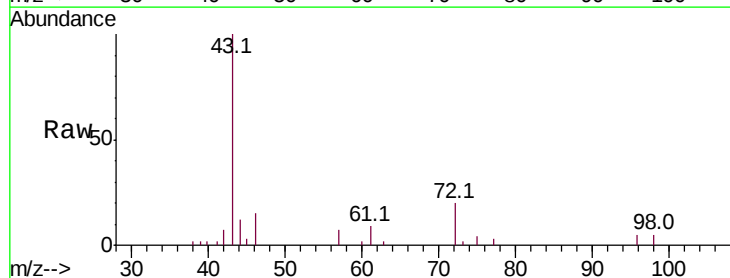


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

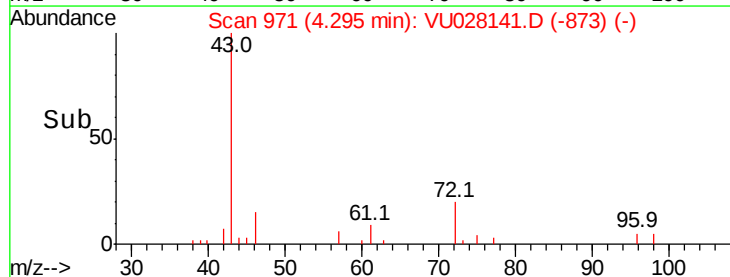
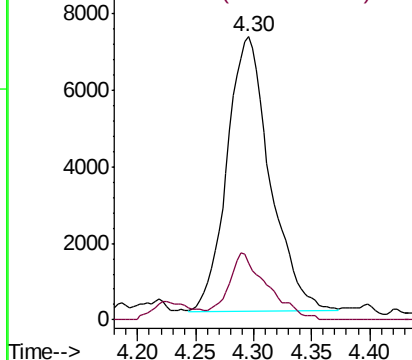


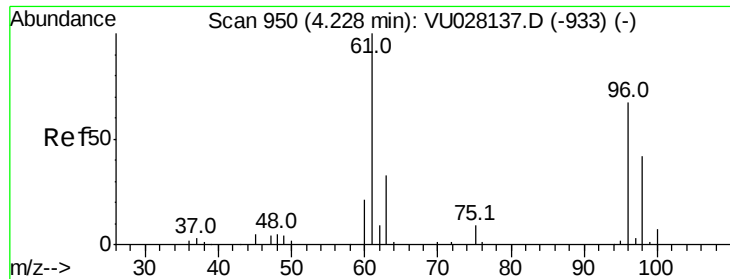
#21
 2-Butanone
 Concen: 5.448 ug/L
 RT: 4.30 min Scan# 971
 Delta R.T. 0.02 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Tgt Ion: 43 Resp: 18497
 Ion Ratio Lower Upper
 43 100
 72 22.3 11.0 33.0



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



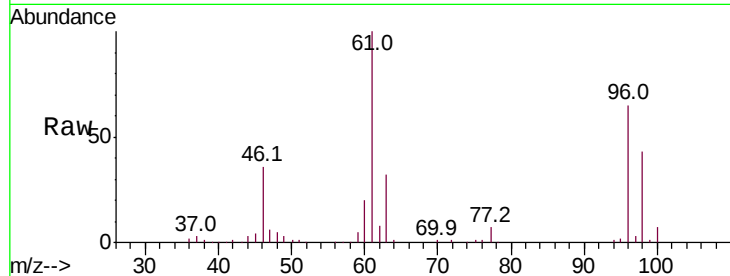


#22

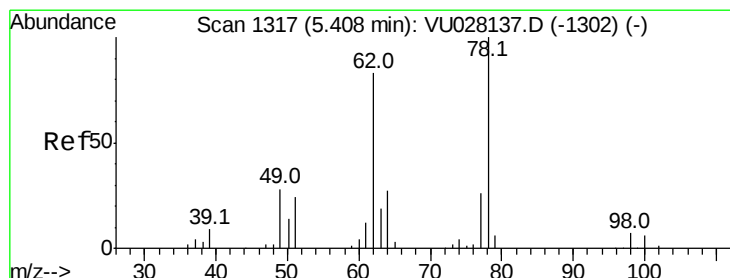
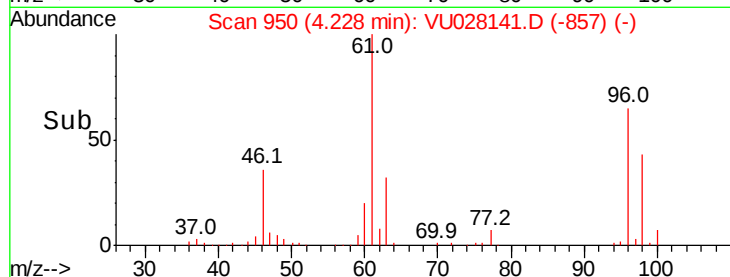
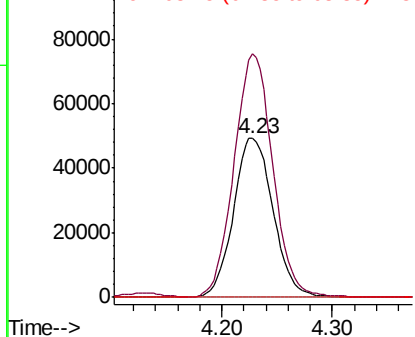
cis-1,2-Dichloroethene
 Concen: 11.839 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH1

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.5	101.8	189.0
68	0.0	0.0	0.0



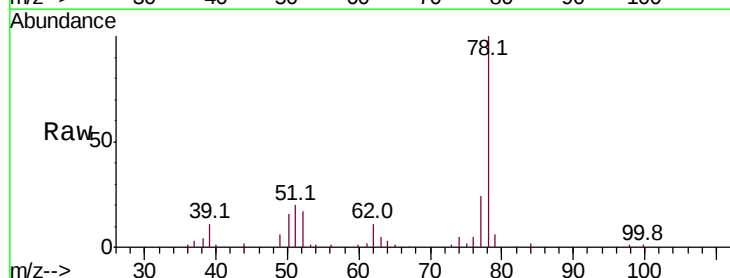
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



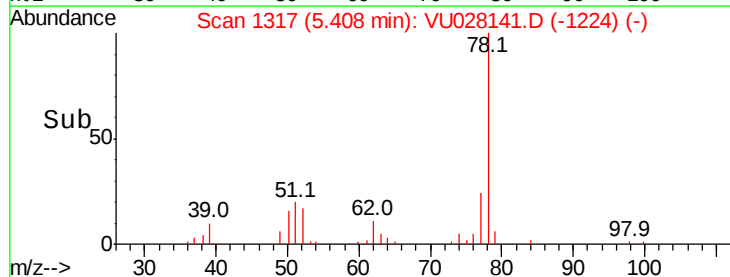
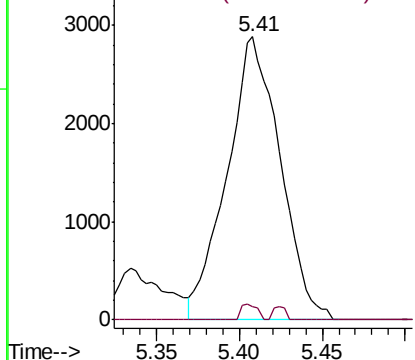
#27

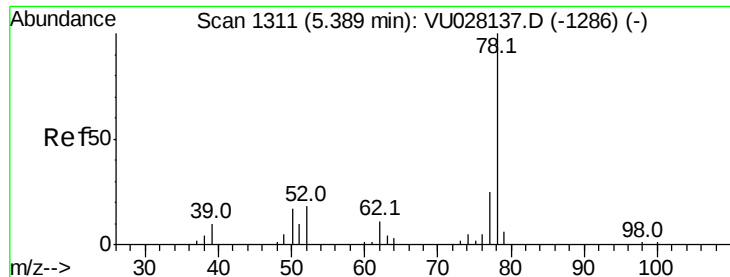
1,2-Dichloroethane
 Concen: 0.553 ug/L
 RT: 5.41 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.9	7.0	10.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

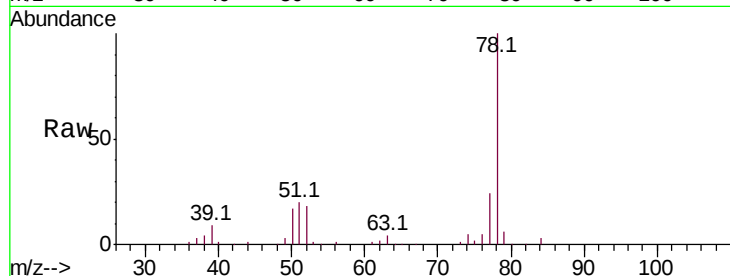




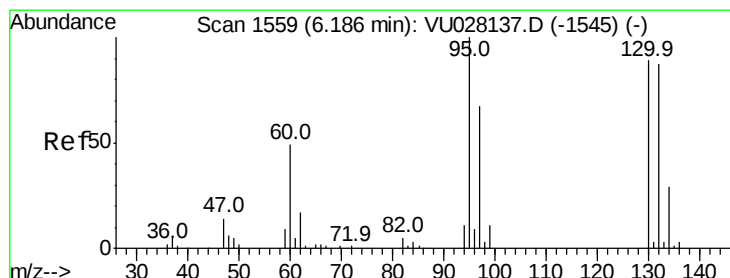
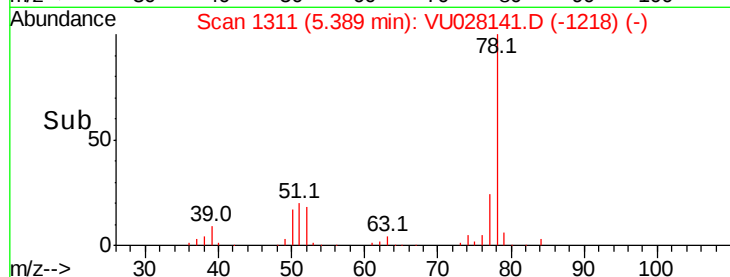
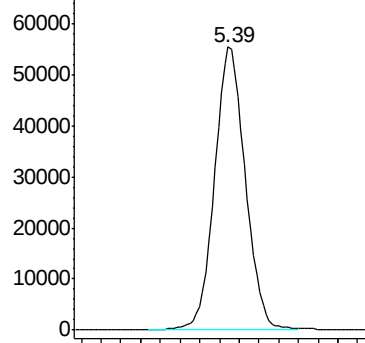
#33
Benzene
Concen: 2.777 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Instrument :
MSVOA_U
ClientSampled :
H0FH1

Tgt Ion: 78 Resp: 119152



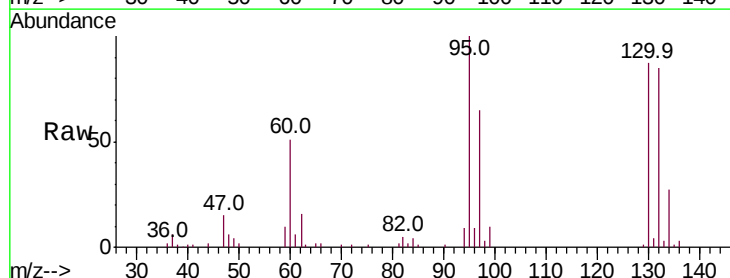
Abundance Ion 78.10 (77.80 to 78.80): VU0



#34
Trichloroethene
Concen: 3.964 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Tgt Ion: 95 Resp: 42038

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.3	84.1
132	85.2	63.0	117.0
130	87.1	63.6	118.2

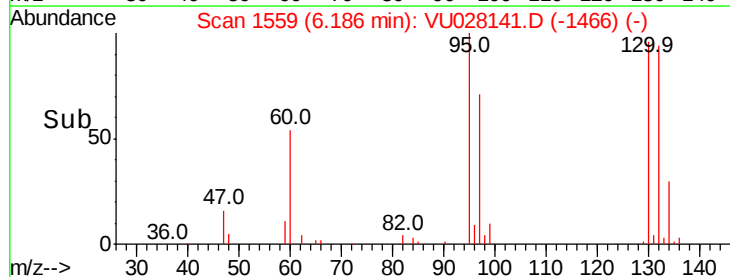
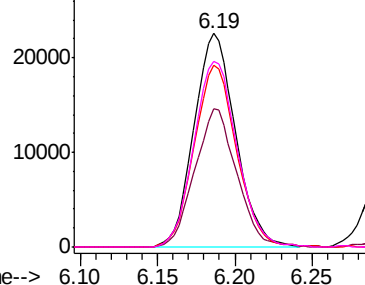


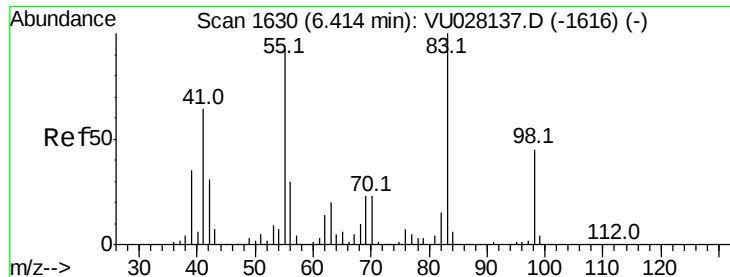
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

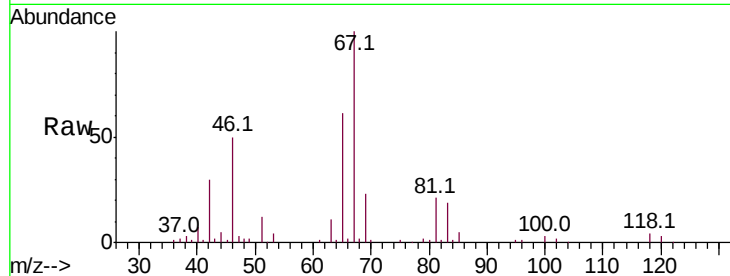




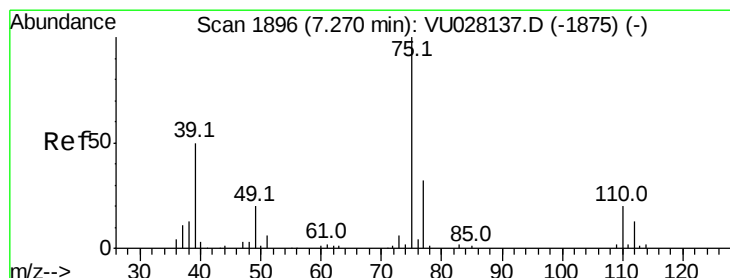
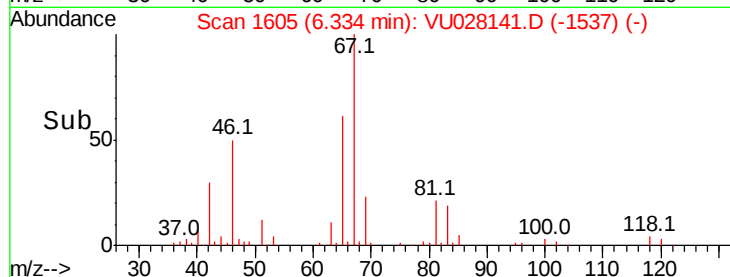
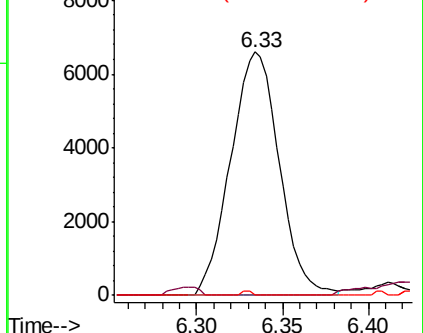
#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Instrument :
MSVOA_U
ClientSampleId :
H0FH1

Tot Ion: 83 Resp: 12911
Ion Ratio Lower Upper
83 100
55 1.9 69.0 103.4#
98 0.0 33.3 49.9#

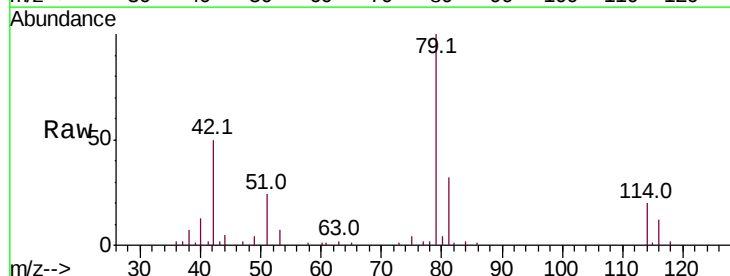


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

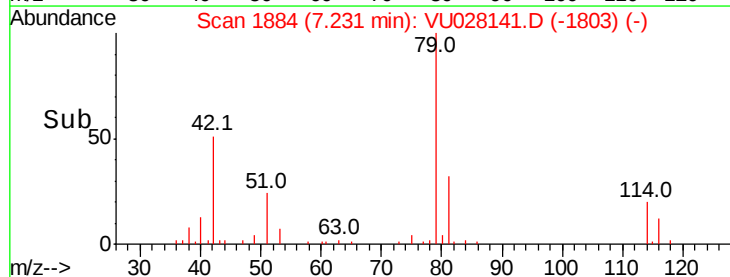
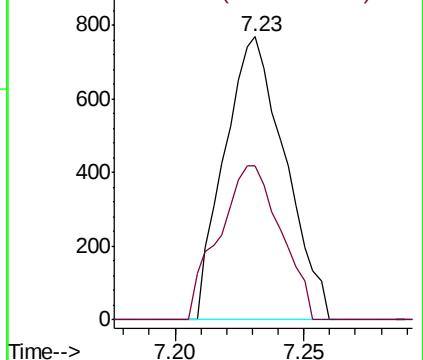


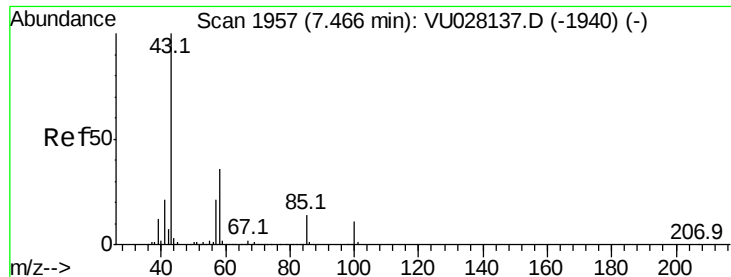
#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Tgt Ion: 75 Resp: 1257
Ion Ratio Lower Upper
75 100
77 54.6 20.9 38.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

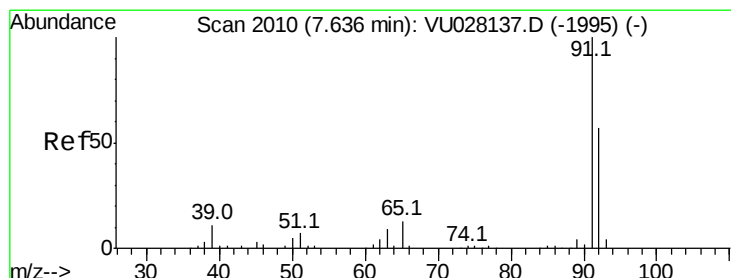
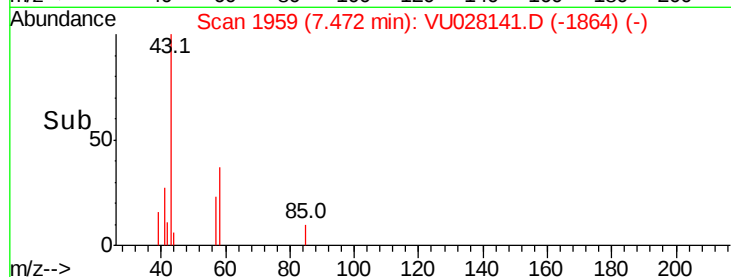
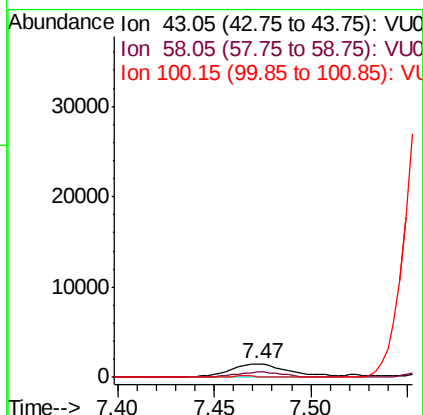
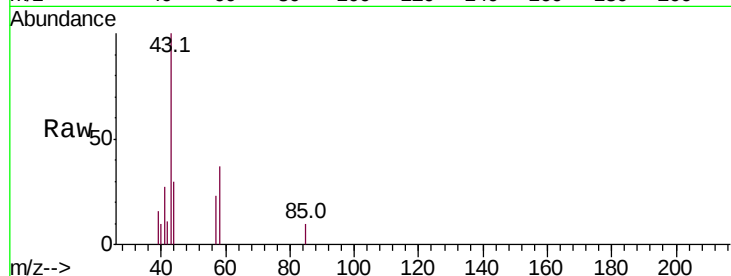




#40
4-Methyl-2-pentanone
Concen: 0.390 ug/L
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

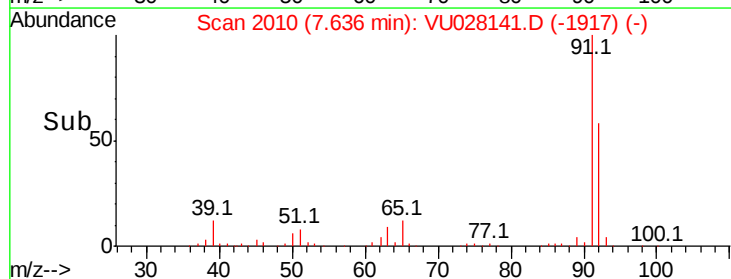
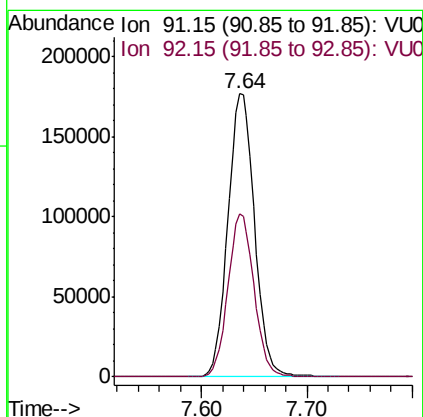
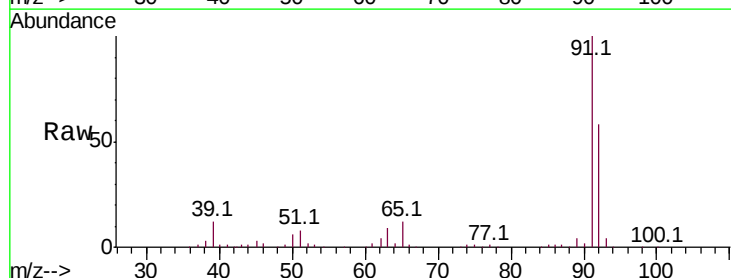
Instrument :
MSVOA_U
ClientSampleId :
H0FH1

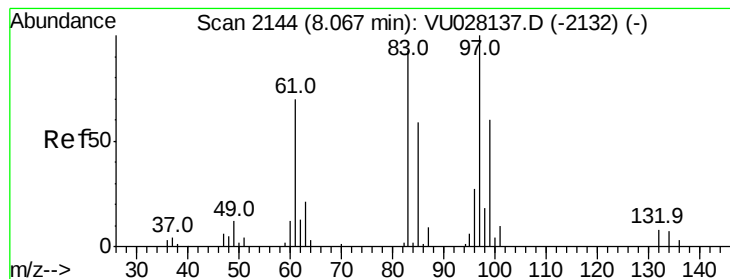
Tot Ion: 43 Resp: 3183
Ion Ratio Lower Upper
43 100
58 30.7 29.9 44.9
100 0.0 9.1 13.7#



#42
Toluene
Concen: 6.995 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Tgt Ion: 91 Resp: 309433
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7





#45

1,1,2-Trichloroethane

Concen: 0.085 ug/L

RT: 8.07 min Scan# 2146

Delta R.T. 0.01 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampled :

H0FH1

Tot Ion: 97 Resp: 609

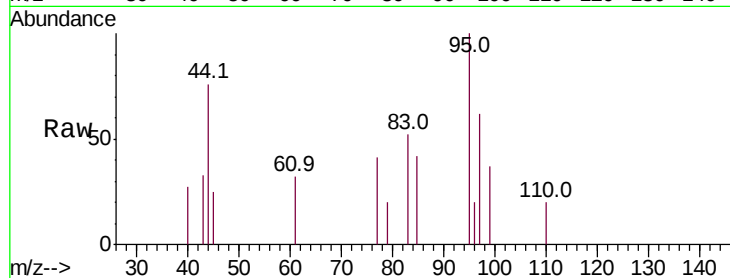
Ion Ratio Lower Upper

97 100

99 59.8 42.1 78.1

83 83.7 63.7 118.3

85 67.7 40.6 75.4

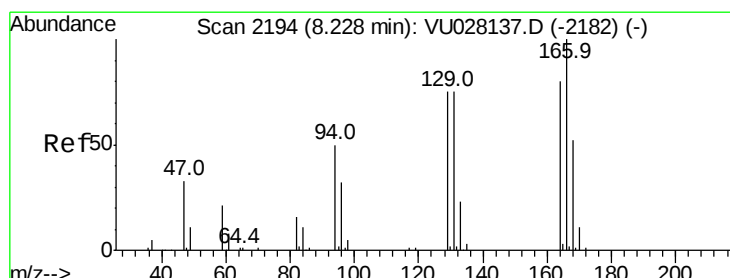
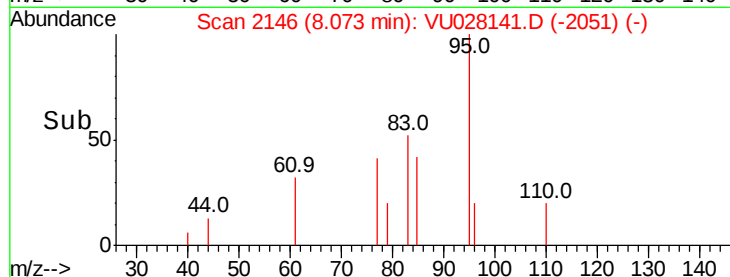
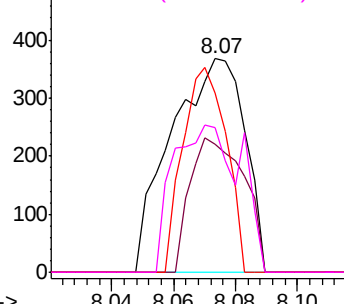


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 0.098 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Tgt Ion:164 Resp: 847

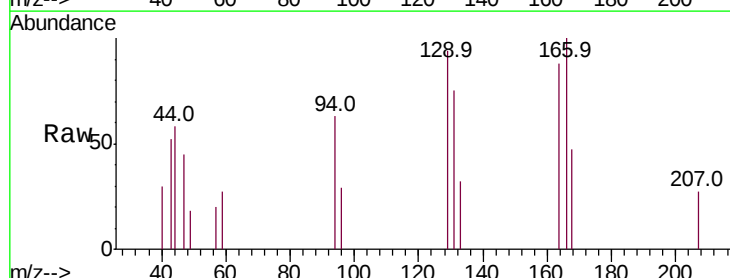
Ion Ratio Lower Upper

164 100

129 106.7 69.7 129.4

131 84.7 64.0 118.8

166 113.2 86.4 160.4

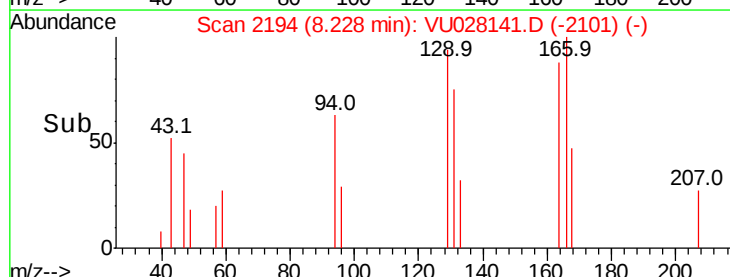
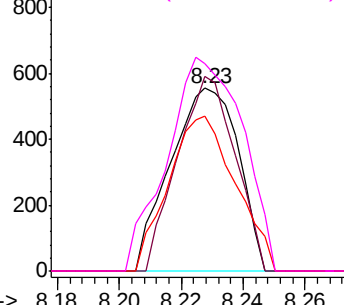


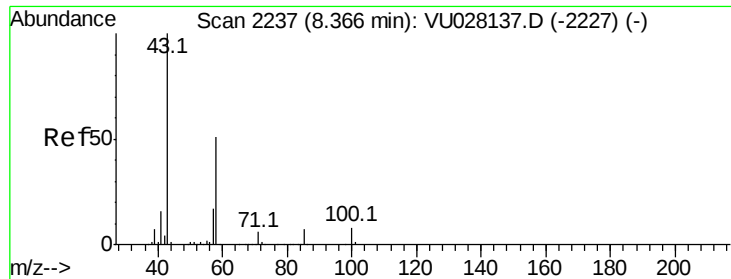
Abundance Ion 163.90 (163.60 to 164.60): V

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

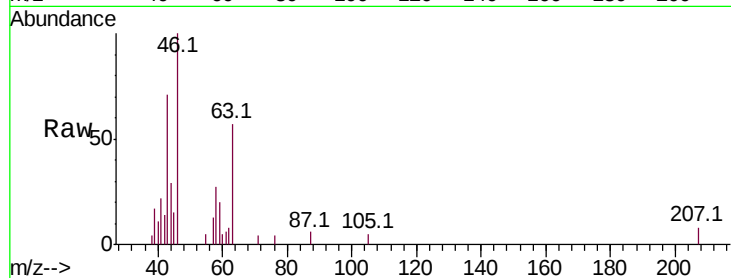




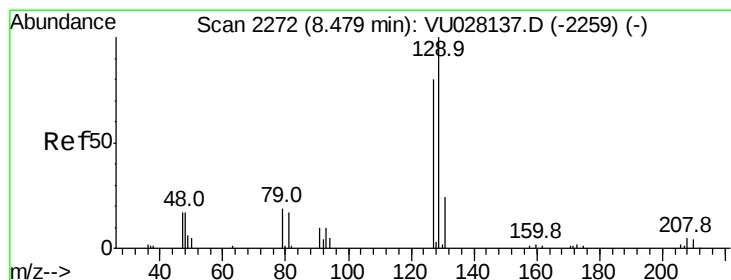
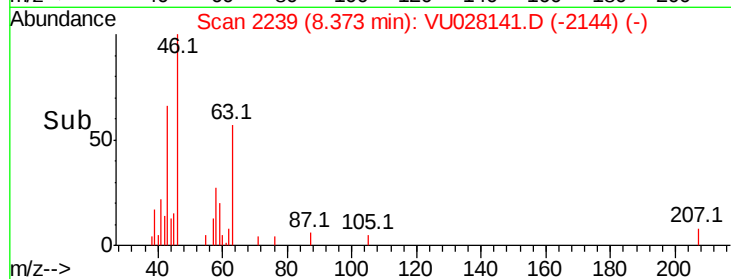
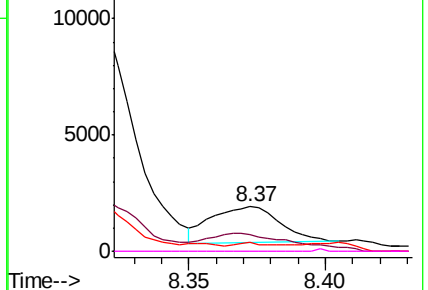
#48
2-Hexanone
Concen: 0.470 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Instrument :
MSVOA_U
ClientSampleId :
H0FH1

Tot Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 61.8 41.7 62.5
57 17.1 14.0 21.0
100 0.0 7.2 10.8#

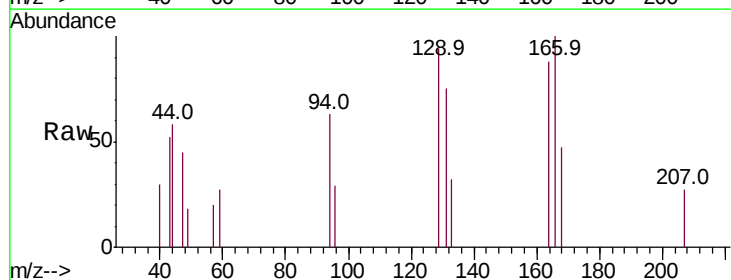


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

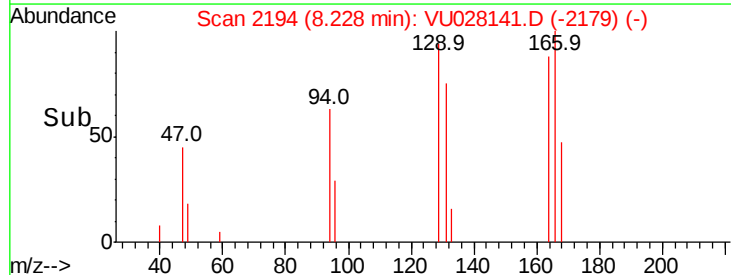
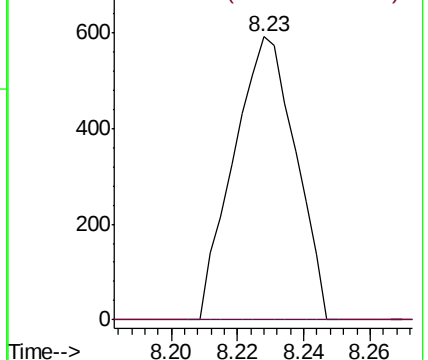


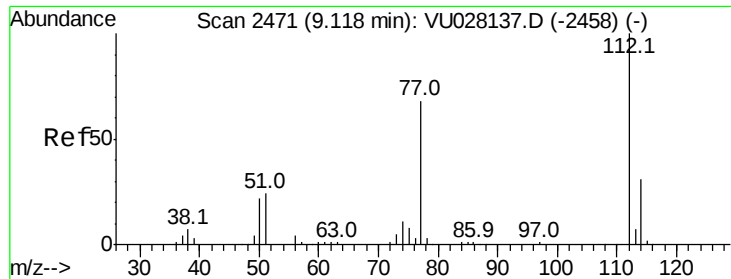
#49
Dibromochloromethane
Concen: 0.101 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Tgt Ion: 129 Resp: 767
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

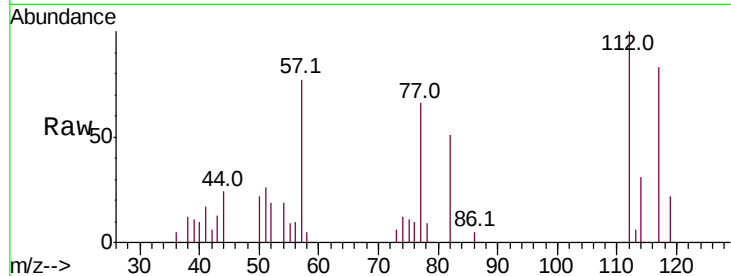




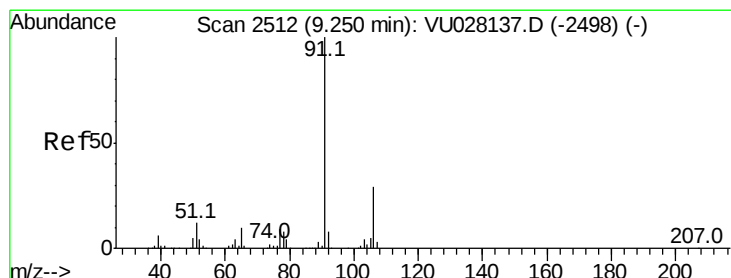
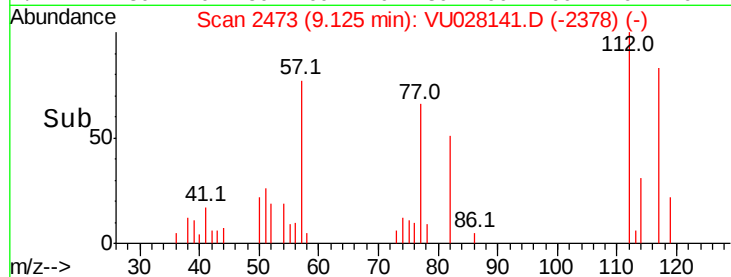
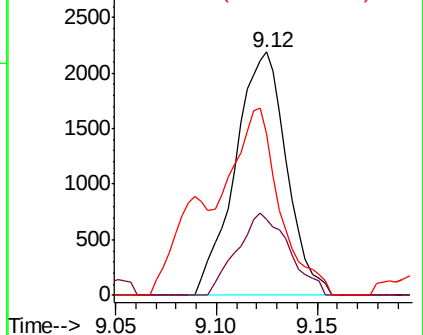
#51
Chlorobenzene
Concen: 0.151 ug/L
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Instrument :
MSVOA_U
ClientSampleId :
H0FH1

Tot Ion:112 Resp: 3911
Ion Ratio Lower Upper
112 100
114 31.0 22.5 41.7
77 66.4 51.3 76.9

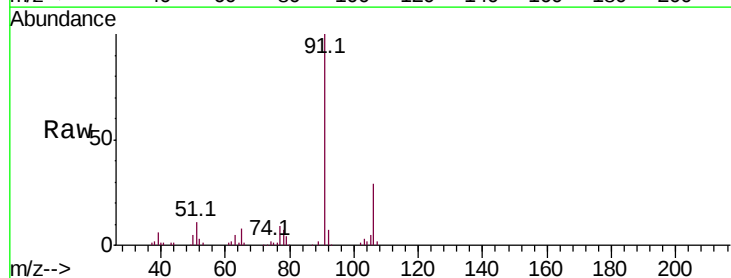


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

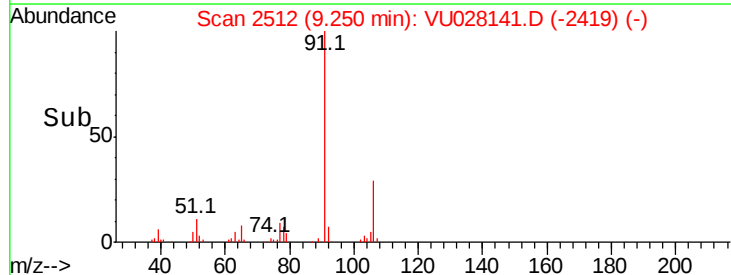
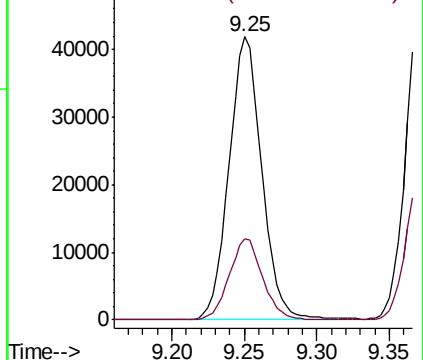


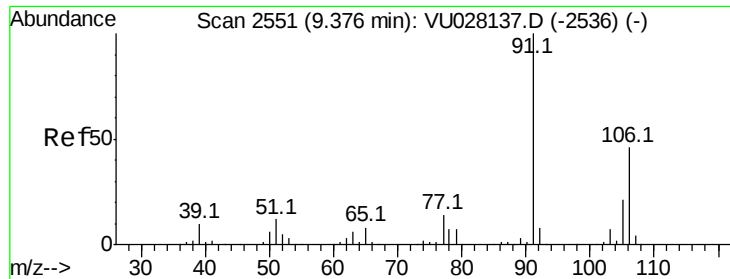
#52
Ethylbenzene
Concen: 1.360 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU028141.D
Acq: 15 Nov 2018 00:07

Tgt Ion: 91 Resp: 65687
Ion Ratio Lower Upper
91 100
106 28.8 20.9 38.7



Abundance Ion 91.15 (90.85 to 91.85): V
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 2.379 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampleId :

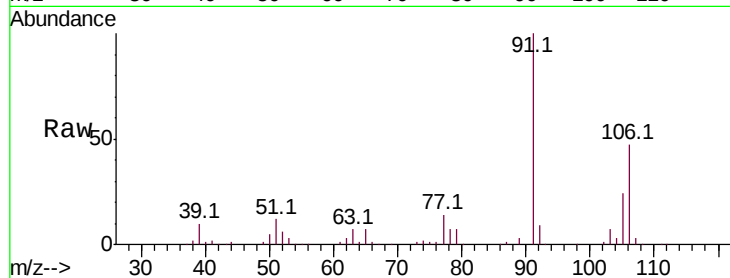
H0FH1

Tot Ion:106 Resp: 41847

Ion Ratio Lower Upper

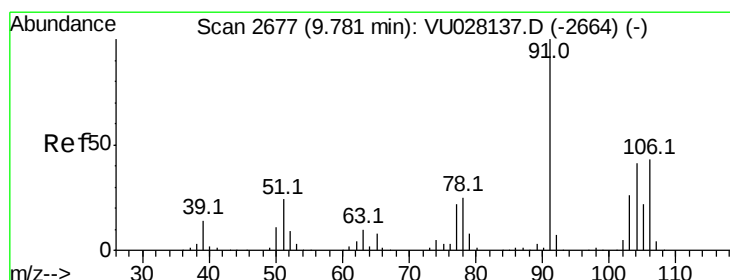
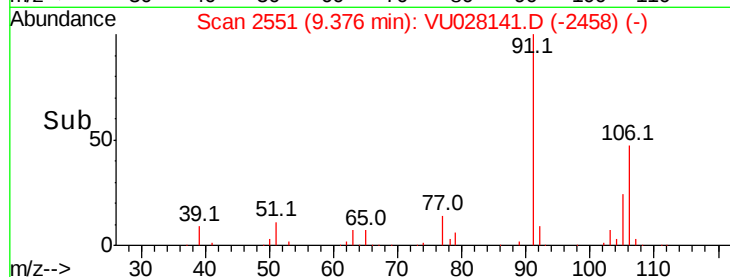
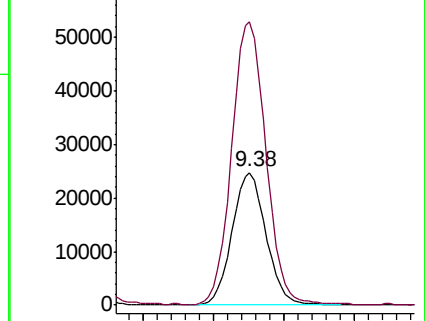
106 100

91 213.7 145.7 270.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-xylene

Concen: 2.805 ug/L

RT: 9.78 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VU028141.D

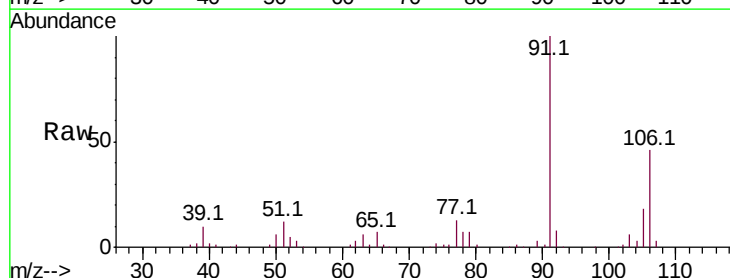
Acq: 15 Nov 2018 00:07

Tgt Ion:106 Resp: 47513

Ion Ratio Lower Upper

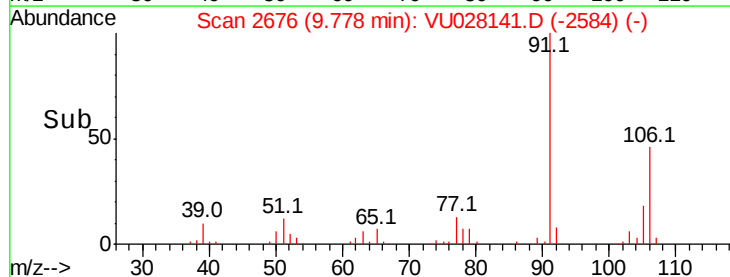
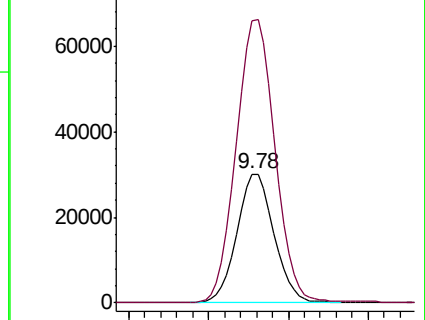
106 100

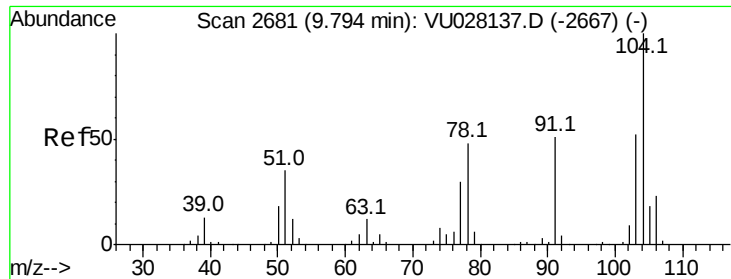
91 218.9 158.7 294.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.112 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

Instrument :

MSVOA_U

ClientSampleId :

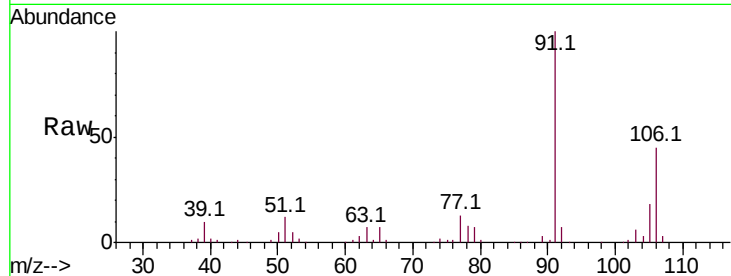
H0FH1

Tot Ion:104 Resp: 3196

Ion Ratio Lower Upper

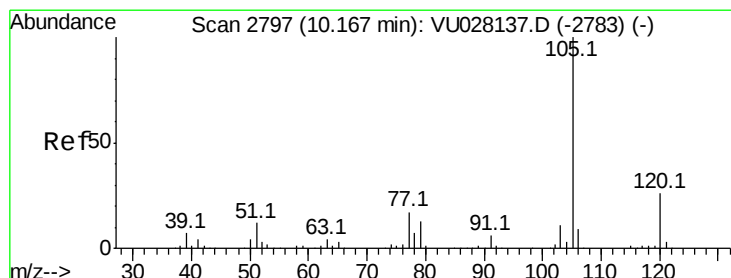
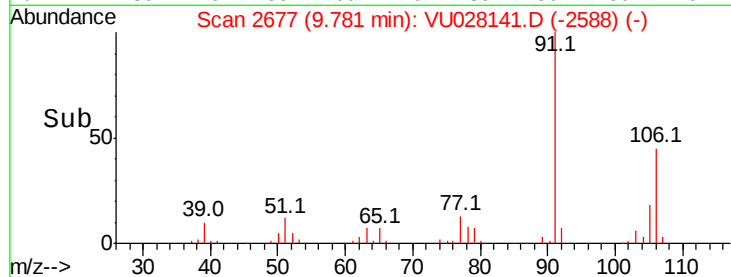
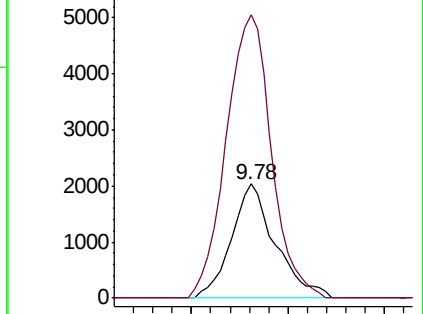
104 100

78 248.2 34.5 64.1#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 0.092 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028141.D

Acq: 15 Nov 2018 00:07

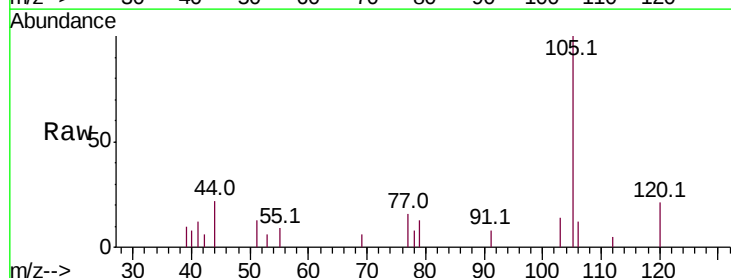
Tgt Ion:105 Resp: 4221

Ion Ratio Lower Upper

105 100

120 22.6 20.5 30.7

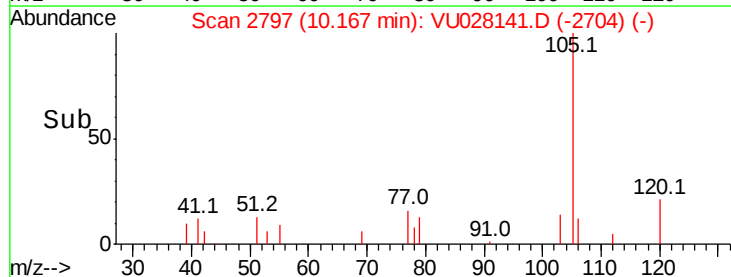
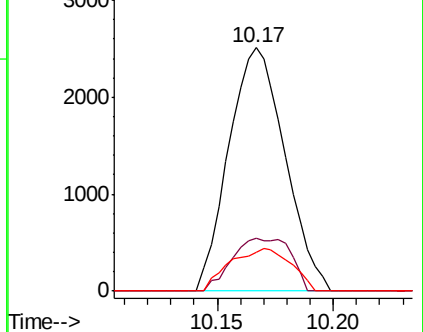
77 19.1 13.3 19.9

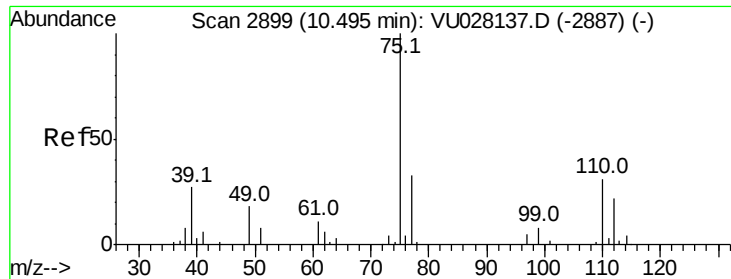


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

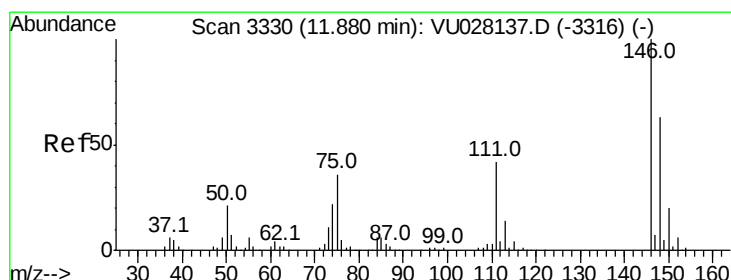
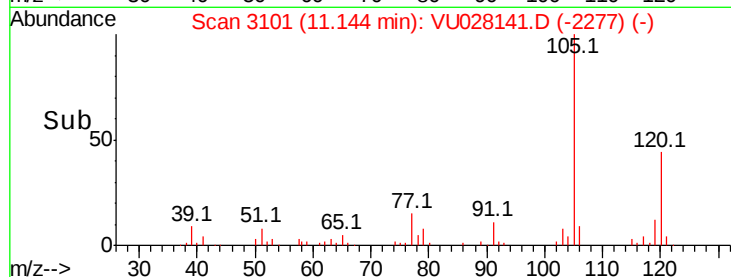
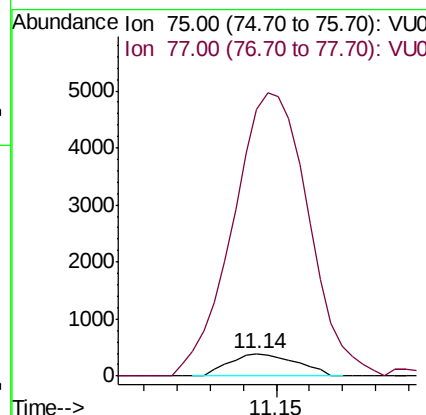
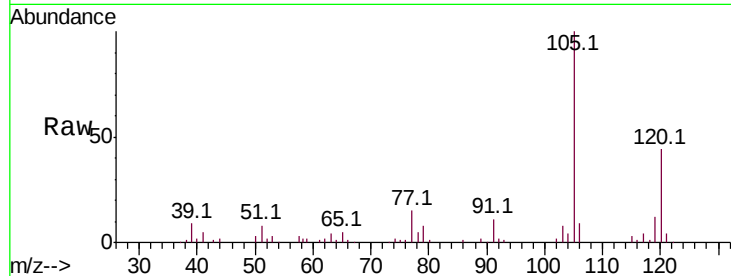




#59
 1,2,3-Trichloropropane
 Concen: 0.084 ug/L
 RT: 11.14 min Scan# 3101
 Delta R.T. 0.65 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

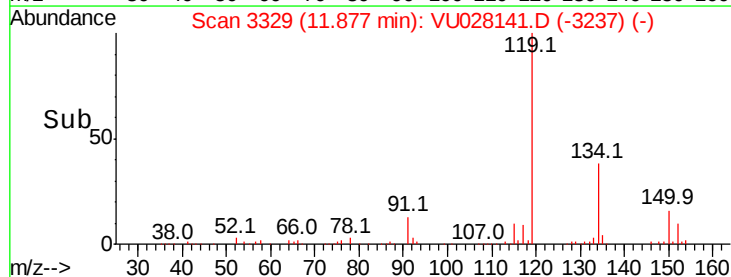
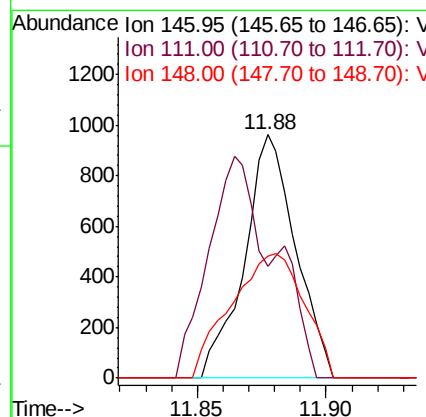
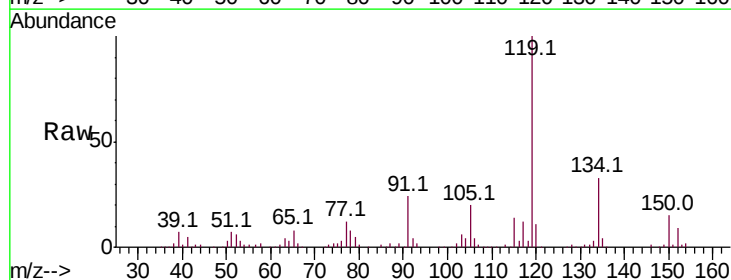
Instrument :
 MSVOA_U
 ClientSampled :
 H0FH1

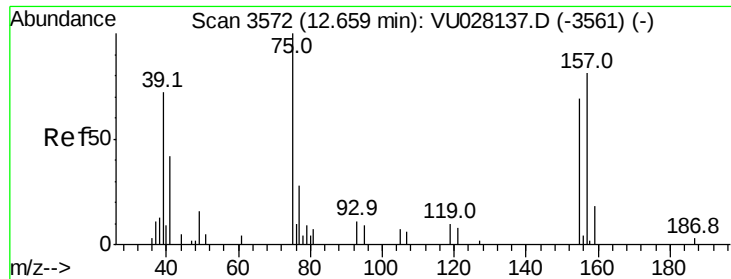
Tot Ion: 75 Resp: 559
 Ion Ratio Lower Upper
 75 100
 77 1409.3 25.4 38.0#



#65
 1,2-Dichlorobenzene
 Concen: 0.073 ug/L
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Tgt Ion: 146 Resp: 1334
 Ion Ratio Lower Upper
 146 100
 111 45.8 33.9 50.9
 148 50.4 50.9 76.3#

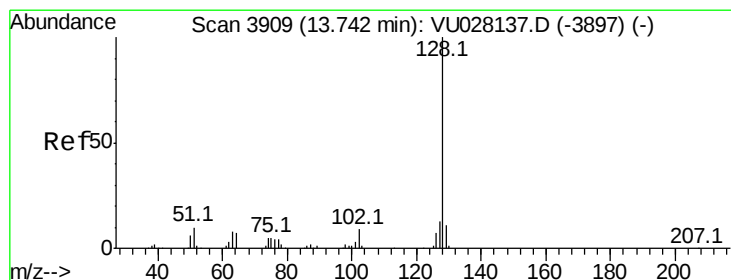
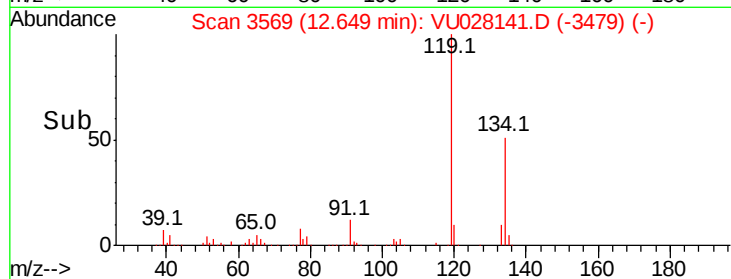
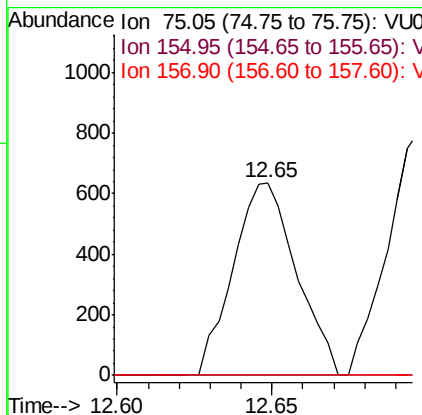
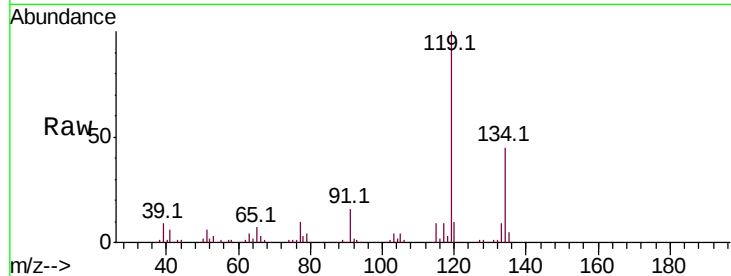




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.678 ug/L
 RT: 12.65 min Scan# 3569
 Delta R.T. -0.01 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Instrument :
 MSVOA_U
 ClientSampled :
 H0FH1

Tot Ion: 75 Resp: 900
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 85.3 127.9#



#69
 Naphthalene
 Concen: 2.014 ug/L
 RT: 13.74 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: VU028141.D
 Acq: 15 Nov 2018 00:07

Tgt Ion: 128 Resp: 48031
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.5 12.7
 127 13.6 10.2 15.4

