

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031072.D
 Acq On : 11 Apr 2019 16:36
 Operator : JC/SP
 Sample : K2365-06
 Misc : 5.00µg/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G56

Quant Time: Apr 12 04:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201704	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.64	69	149070	45.47	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.94%
11) 1,1-Dichloroethene-d2	2.23	63	309350	39.59	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.19	46	313824	91.66	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	360349	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
26) 1,2-Dichloroethane-d4	5.30	65	231163	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.33	84	700322	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.32	67	234444	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	642289	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.85	79	109657	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
47) 2-Hexanone-d5	8.32	63	249453	112.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	343930	52.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	258281	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.59	94	2990	1.084	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2931	0.846	ug/L #	24
12) 1,1-Dichloroethene	2.23	96	2112	0.631	ug/L #	1
13) Acetone	2.34	43	409767	116.960	ug/L	99
15) Methyl Acetate	2.62	43	6364	1.172	ug/L #	75
16) Methylene chloride	2.68	84	444868	109.473	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	160312	45.135	ug/L	99
19) 1,1-Dichloroethane	3.42	63	231320	31.558	ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	340195	86.744	ug/L	91
23) Bromochloromethane	4.54	128	114239	61.614	ug/L	89
25) Chloroform	4.66	83	643758	87.383	ug/L	99
27) 1,2-Dichloroethane	5.40	62	419734	74.648	ug/L	100
31) Carbon tetrachloride	5.12	117	156400	30.712	ug/L	98
33) Benzene	5.38	78	2847649	179.456	ug/L	100
34) Trichloroethene	6.18	95	503768	129.438	ug/L	94
38) Bromodichloromethane	6.75	83	513211	94.679	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	6453	1.009	ug/L #	73

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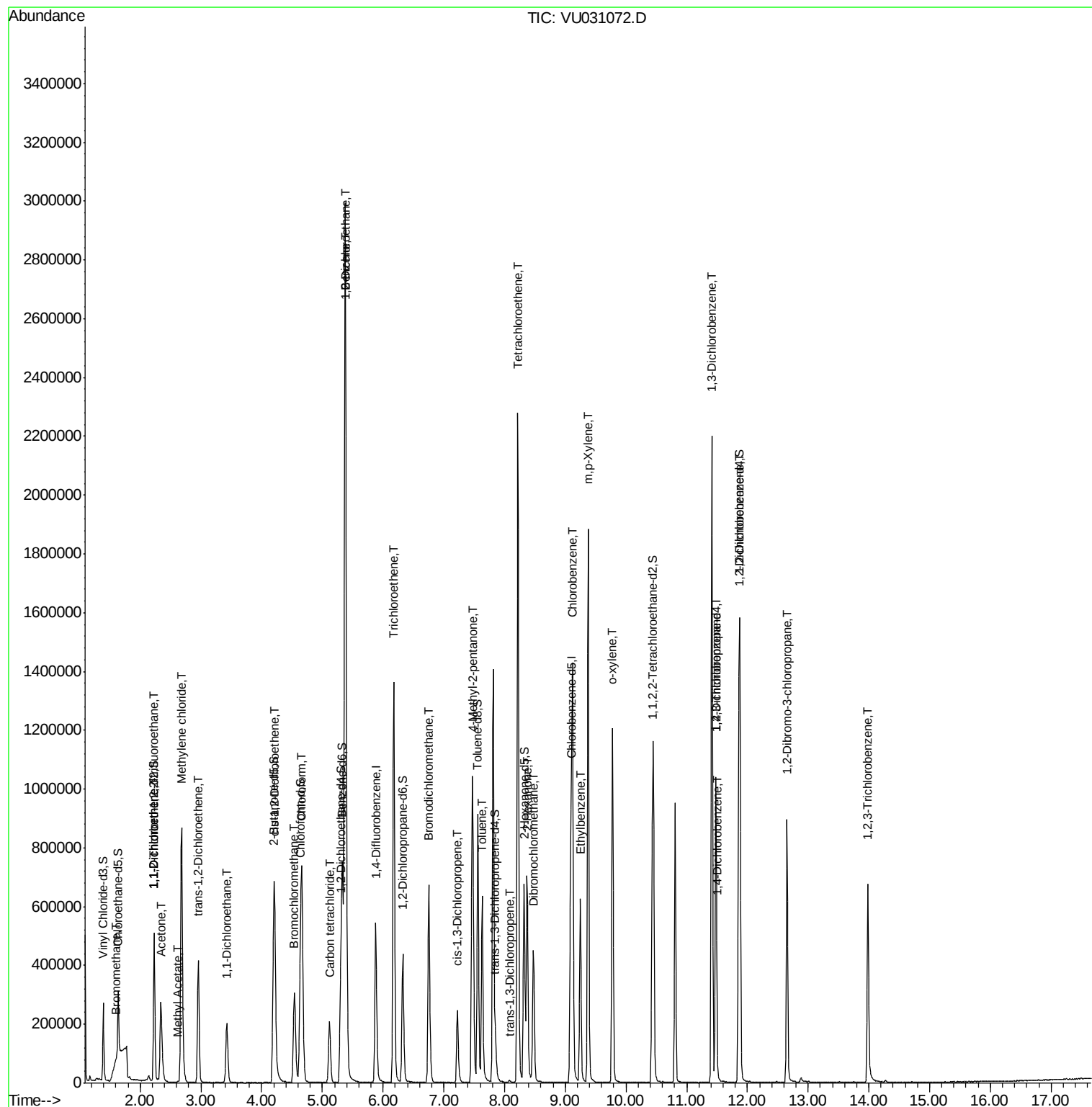
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.47	43	970788	134.355	ug/L	97
42) Toluene	7.63	91	493137	30.445	ug/L	99
44) trans-1,3-Dichloropropene	8.09	75	4175	0.741	ug/L	99
46) Tetrachloroethene	8.22	164	516977	182.705	ug/L	98
48) 2-Hexanone	8.37	43	515911	91.518	ug/L	98
49) Dibromochloromethane	8.48	129	269101	66.550	ug/L	98
51) Chlorobenzene	9.12	112	802111	80.740	ug/L	97
52) Ethylbenzene	9.25	91	472042	26.735	ug/L	100
53) m,p-Xylene	9.38	106	509261	82.701	ug/L	99
54) o-xylene	9.78	106	323884	52.878	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	34930	6.491	ug/L	93
62) 1,3-Dichlorobenzene	11.41	146	877050	107.659	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	6548	0.790	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	524922	64.236	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	240255	138.302	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	225925	42.718	ug/L	98

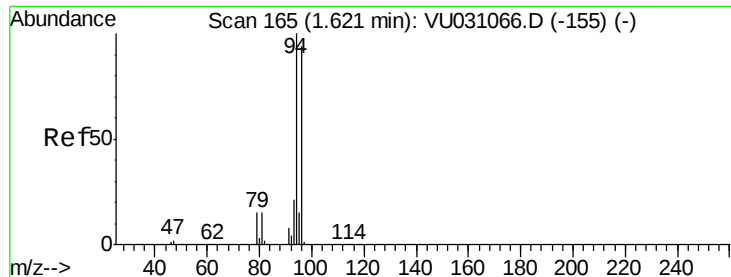
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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#6

Bromomethane

Concen: 1.084 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

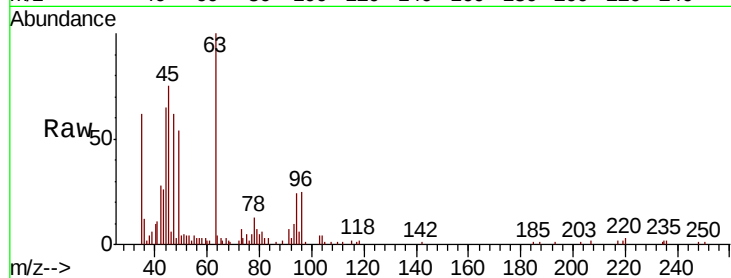
X2G56

Tot Ion: 94 Resp: 2990

Ion Ratio Lower Upper

94 100

96 107.4 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

3000

2500

2000

1500

1000

500

0

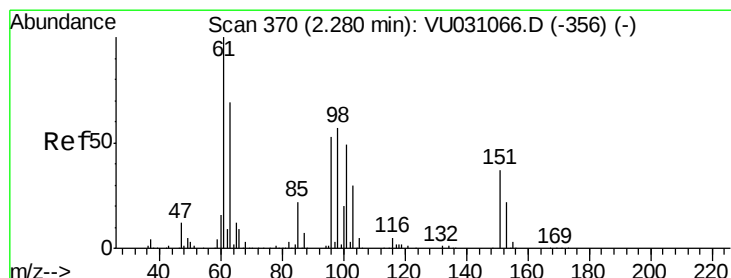
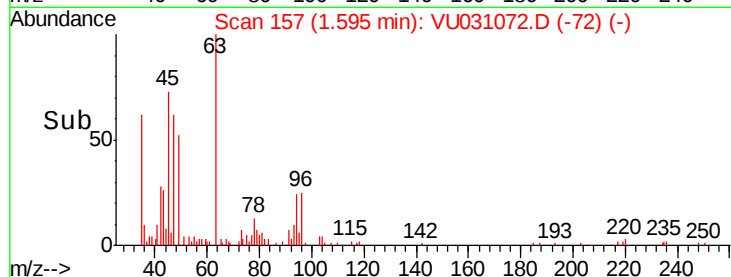
1.56

1.58

1.60

1.62

Time-->



#10

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

Concen: 0.846 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

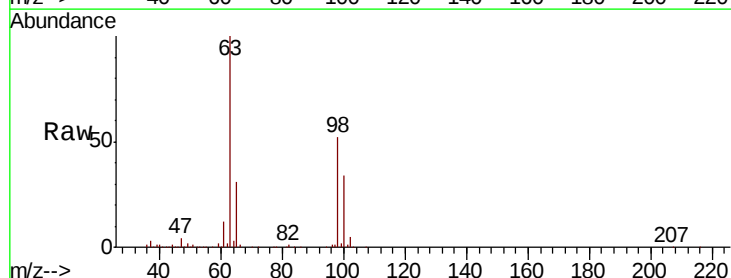
Tgt Ion:101 Resp: 2931

Ion Ratio Lower Upper

101 100

85 2.8 36.8 55.2#

151 2.4 57.4 86.0#



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

2000

1500

1000

500

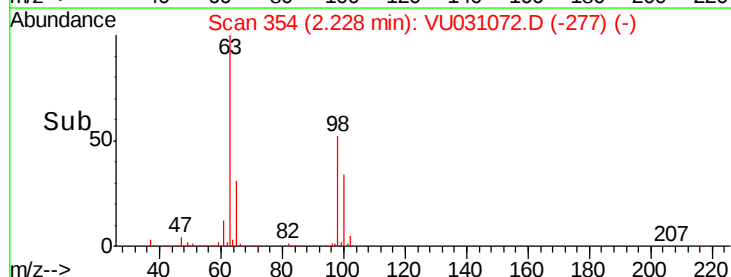
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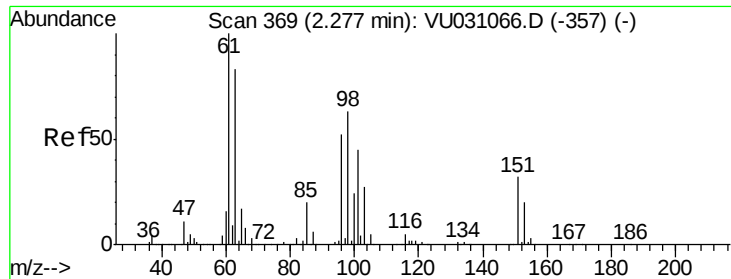
2.20

2.23

2.25

Time-->





#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.04 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2G56

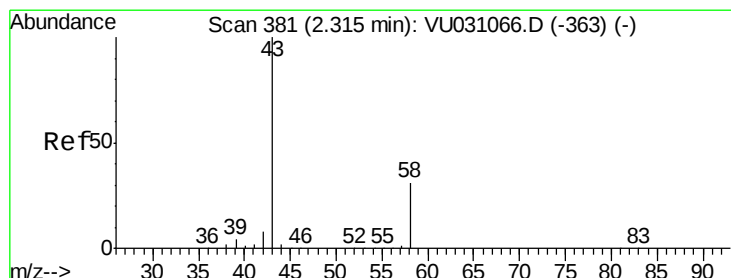
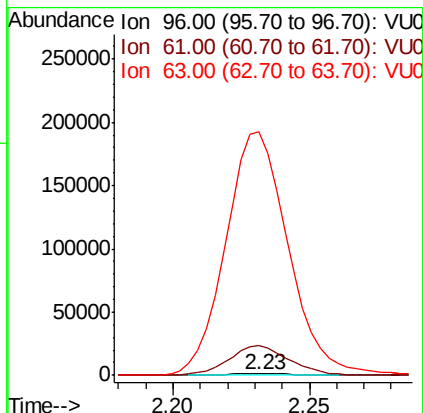
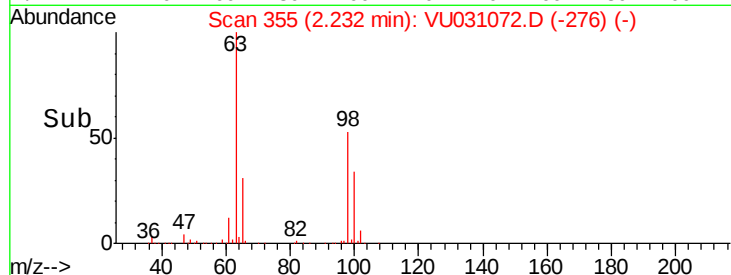
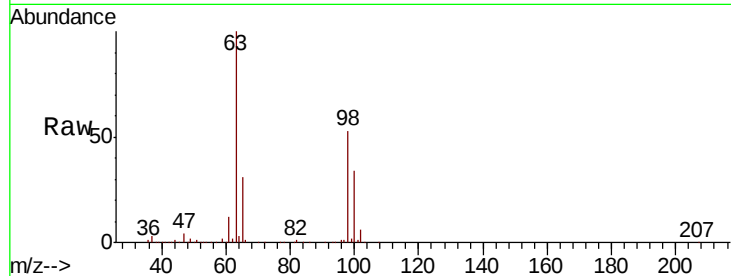
Tot Ion: 96 Resp: 2112

Ion Ratio Lower Upper

96 100

61 2036.4 132.0 245.2#

63 16510.5 90.9 168.9#



#13

Acetone

Concen: 116.960 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU031072.D

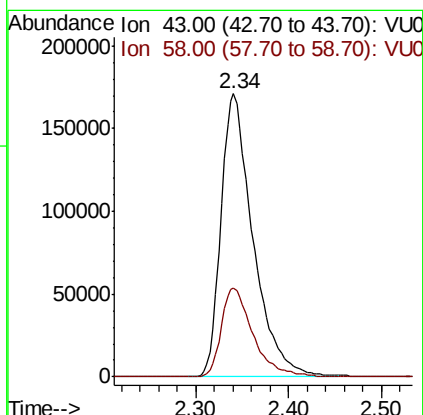
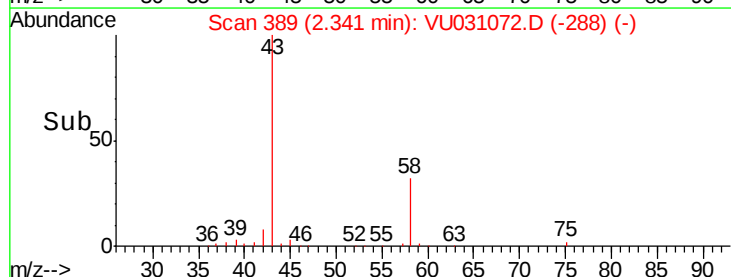
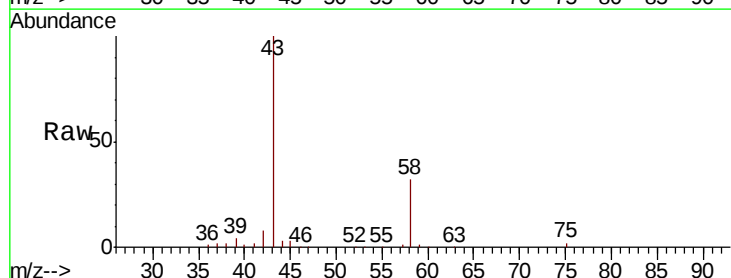
Acq: 11 Apr 2019 16:36

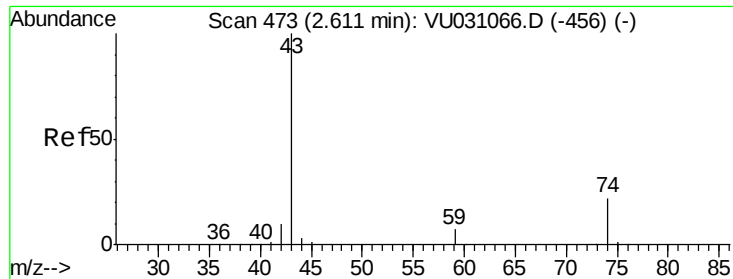
Tgt Ion: 43 Resp: 409767

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.0

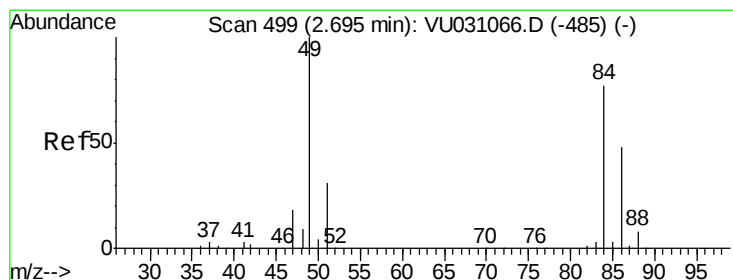
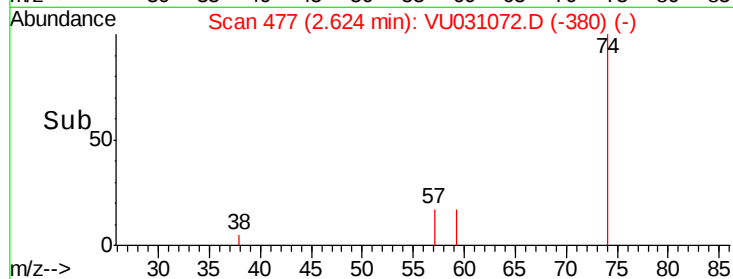
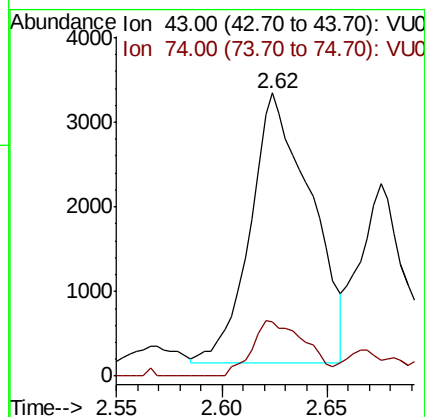
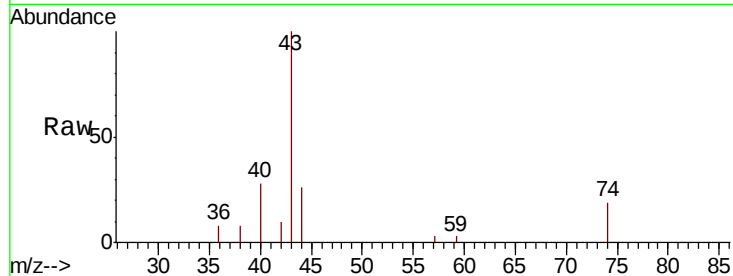




#15
Methvl Acetate
Concen: 1.172 ug/L
RT: 2.62 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU031072.D
Acq: 11 Apr 2019 16:36

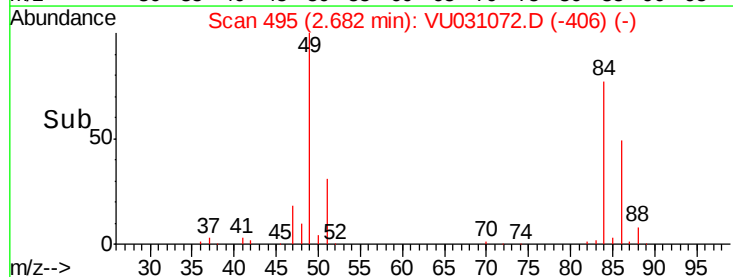
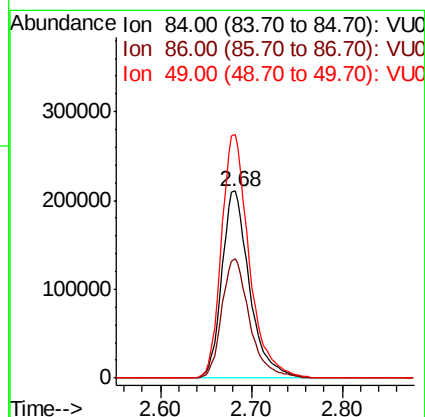
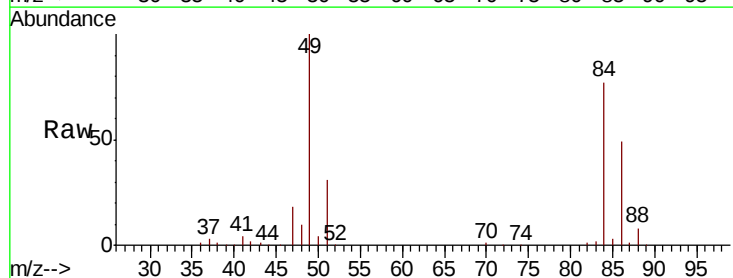
Instrument :
MSVOA_U
ClientSampleId :
X2G56

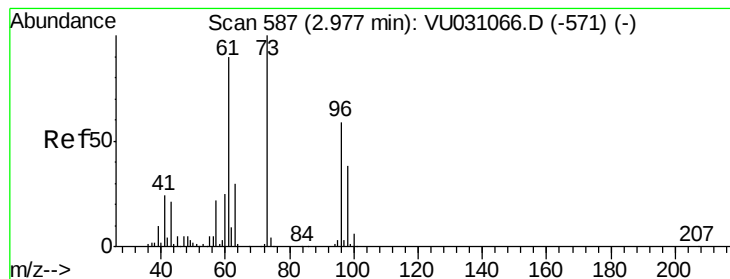
Tot Ion: 43 Resp: 6364
Ion Ratio Lower Upper
43 100
74 9.5 17.1 25.7#



#16
Methylene chloride
Concen: 109.473 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.01 min
Lab File: VU031072.D
Acq: 11 Apr 2019 16:36

Tgt Ion: 84 Resp: 444868
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.7
49 130.4 96.5 179.1





#17

trans-1,2-Dichloroethene

Concen: 45.135 ug/L

RT: 2.96 min Scan# 581

Delta R.T. -0.02 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2G56

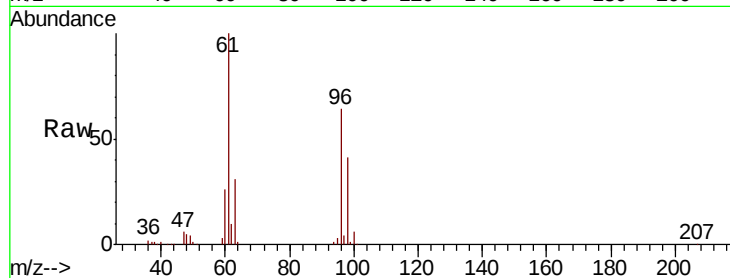
Tot Ion: 96 Resp: 160312

Ion Ratio Lower Upper

96 100

61 155.6 109.5 203.3

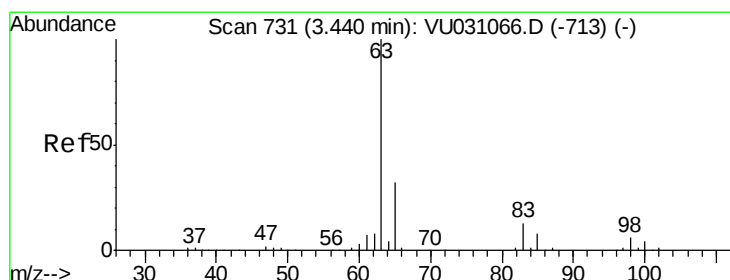
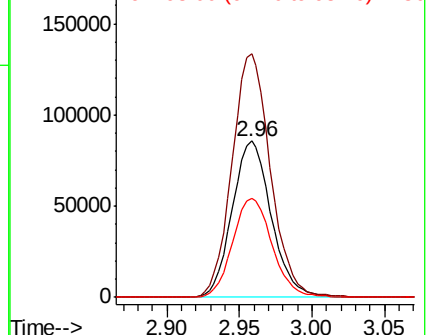
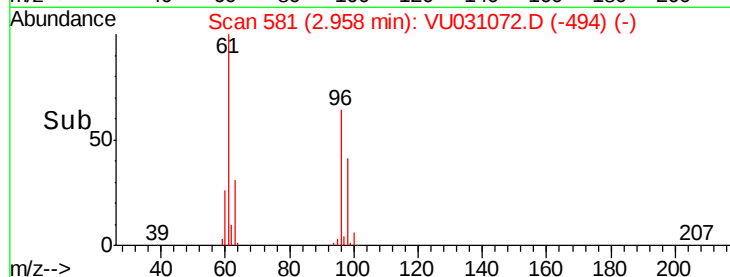
98 63.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU031072.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU031072.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU031072.D (-494) (-)



#19

1,1-Dichloroethane

Concen: 31.558 ug/L

RT: 3.42 min Scan# 726

Delta R.T. -0.02 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

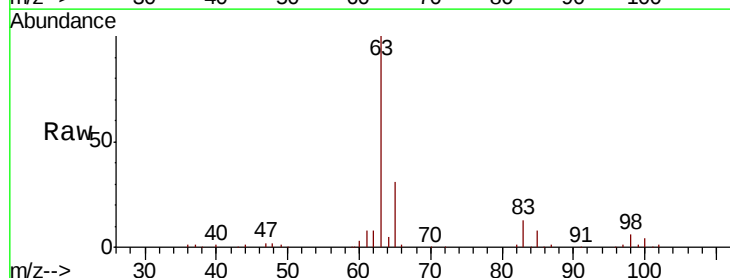
Tgt Ion: 63 Resp: 231320

Ion Ratio Lower Upper

63 100

65 31.0 21.4 39.8

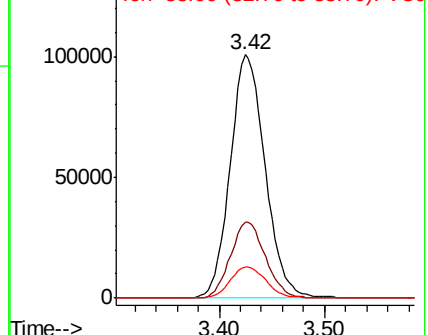
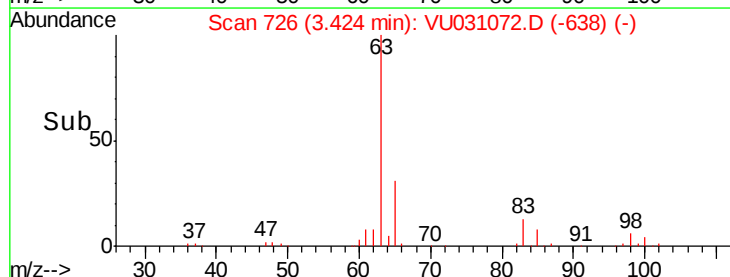
83 12.7 8.5 15.7

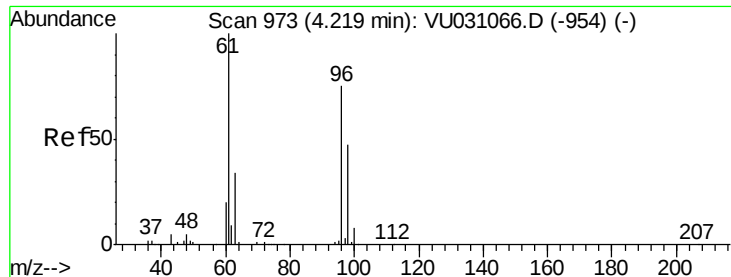


Abundance Ion 63.00 (62.70 to 63.70): VU031072.D (-638) (-)

Ion 65.00 (64.70 to 65.70): VU031072.D (-638) (-)

Ion 83.00 (82.70 to 83.70): VU031072.D (-638) (-)

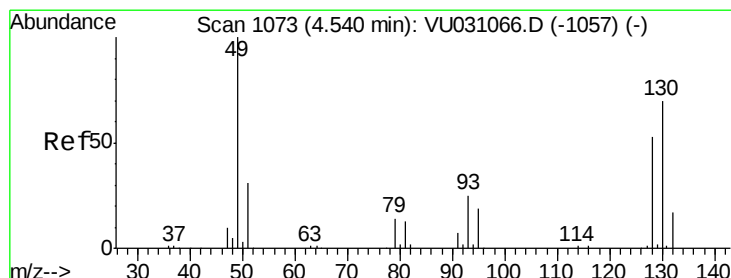
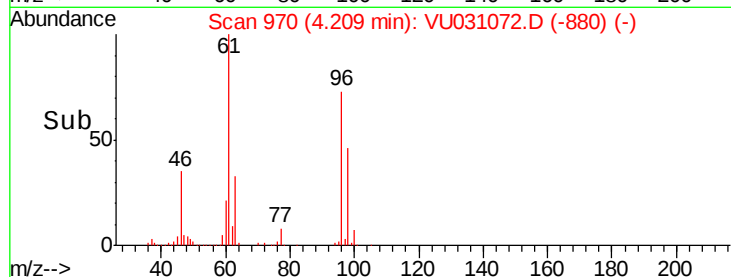
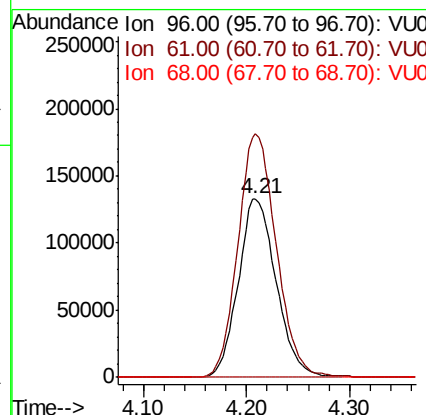
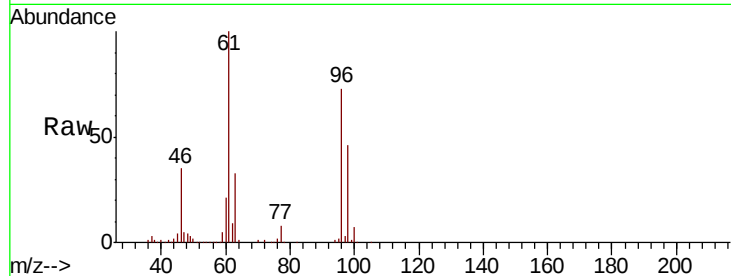




#20
 cis-1,2-Dichloroethene
 Concen: 86.744 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

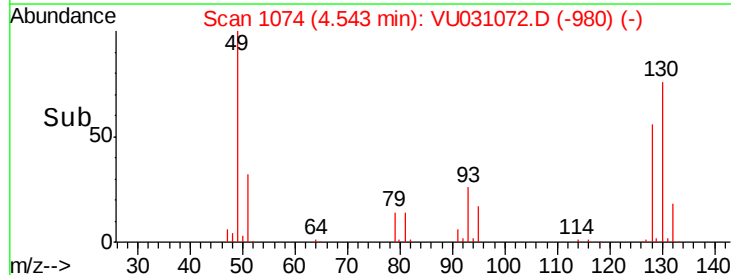
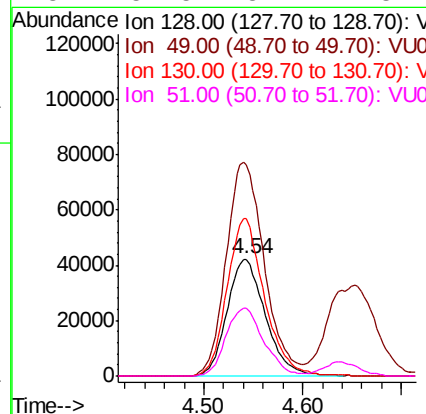
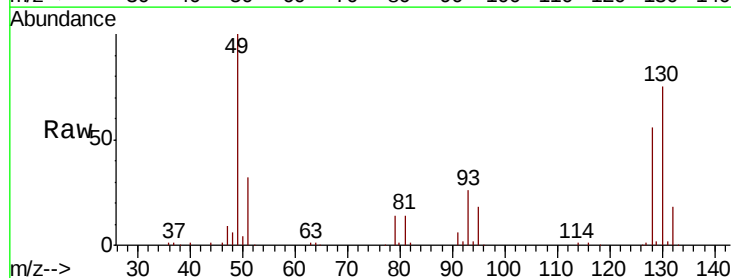
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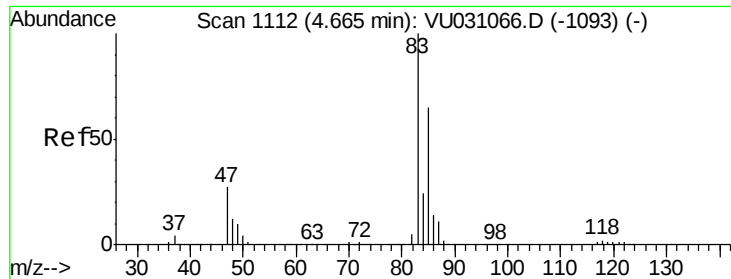
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.2	102.9	191.1
68	0.0	0.0	0.0



#23
 Bromochloromethane
 Concen: 61.614 ug/L
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
128	100		
49	179.9	139.9	259.7
130	134.2	86.6	160.8
51	57.5	52.2	78.4





#25

Chloroform

Concen: 87.383 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

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ClientSampleId :

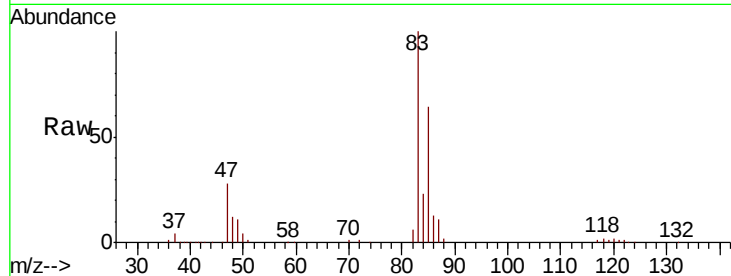
X2G56

Tot Ion: 83 Resp: 643758

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)

250000

200000

150000

100000

50000

0

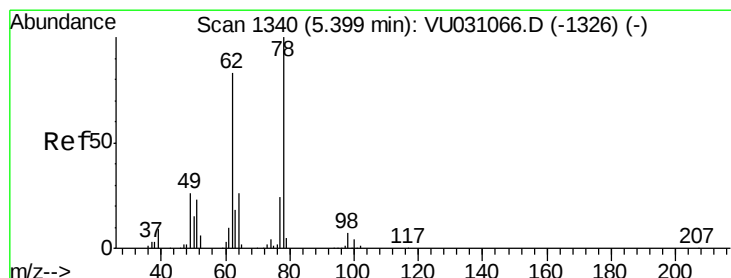
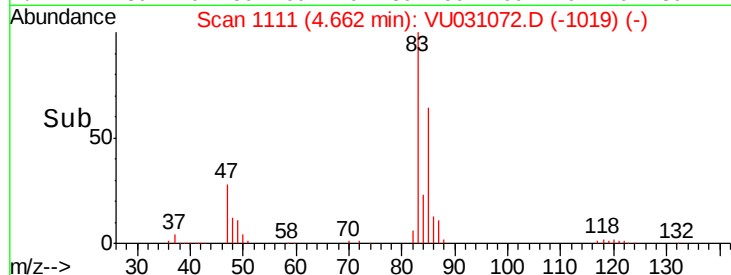
4.66

4.60

4.70

4.80

Time-->



#27

1,2-Dichloroethane

Concen: 74.648 ug/L

RT: 5.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VU031072.D

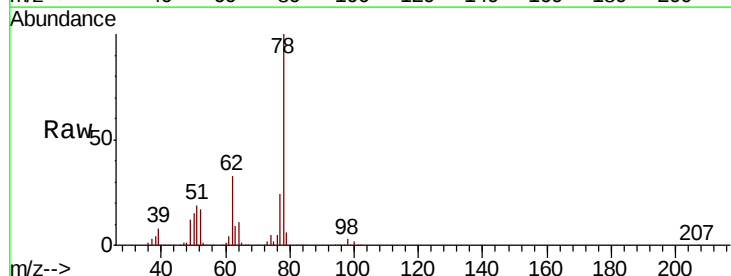
Acq: 11 Apr 2019 16:36

Tgt Ion: 62 Resp: 419734

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU031066.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU031066.D (-1326) (-)

200000

150000

100000

50000

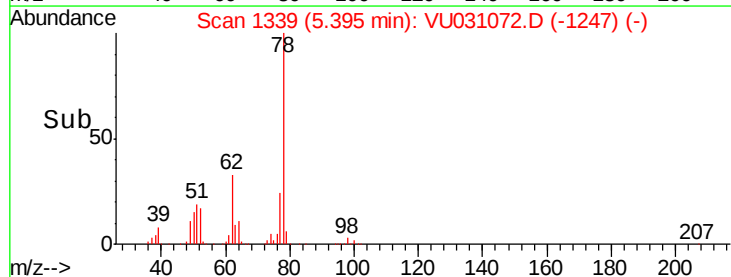
0

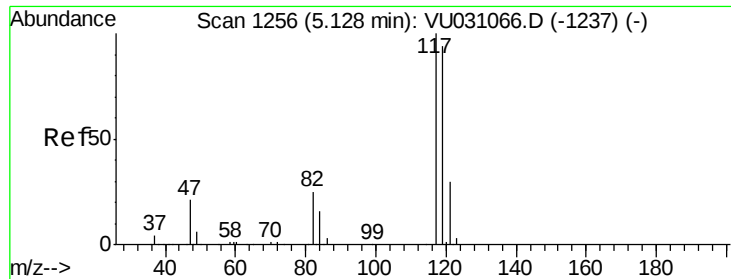
5.40

5.30

5.50

Time-->





#31

Carbon tetrachloride

Concen: 30.712 ug/L

RT: 5.12 min Scan# 1252

Delta R.T. -0.01 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

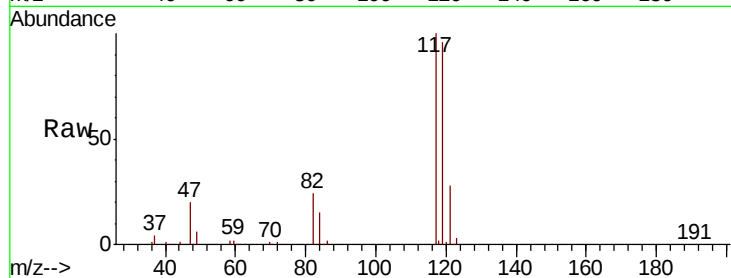
X2G56

Tot Ion:117 Resp: 156400

Ion Ratio Lower Upper

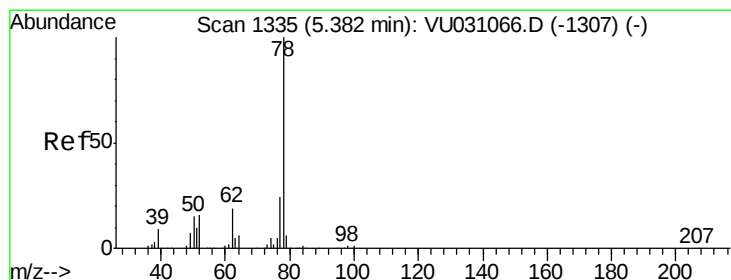
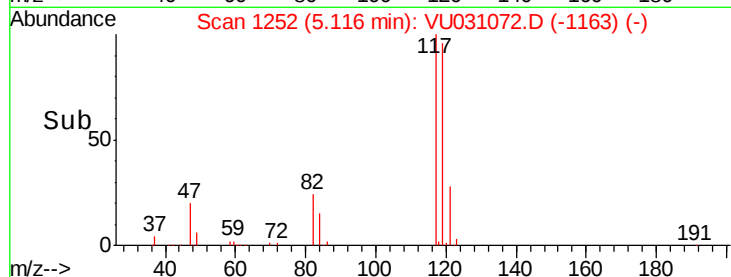
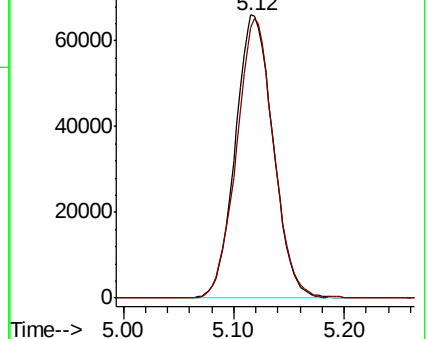
117 100

119 96.8 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 179.456 ug/L

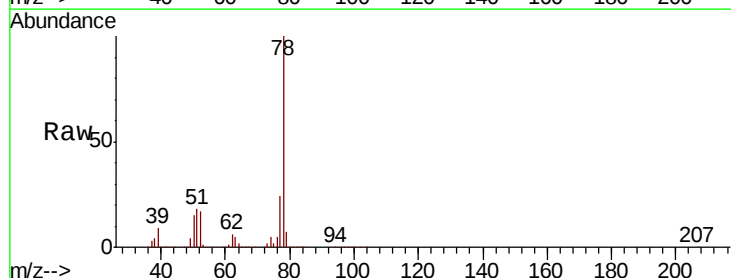
RT: 5.38 min Scan# 1333

Delta R.T. -0.01 min

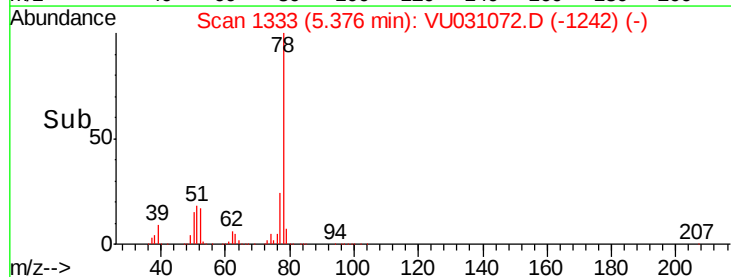
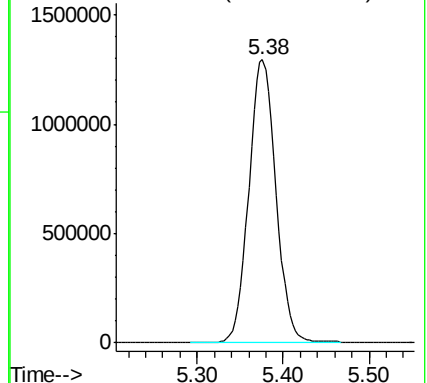
Lab File: VU031072.D

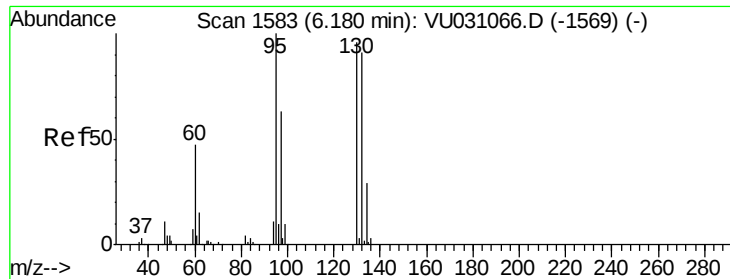
Acq: 11 Apr 2019 16:36

Tgt Ion: 78 Resp: 2847649



Abundance Ion 78.00 (77.70 to 78.70): VU0

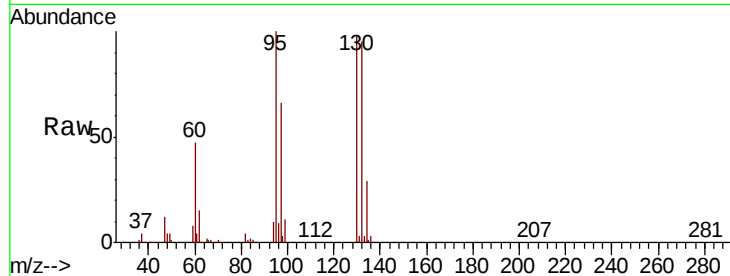




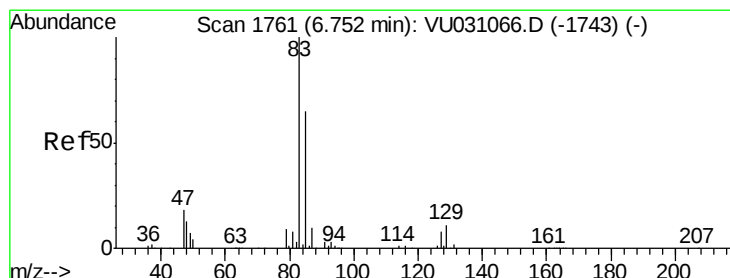
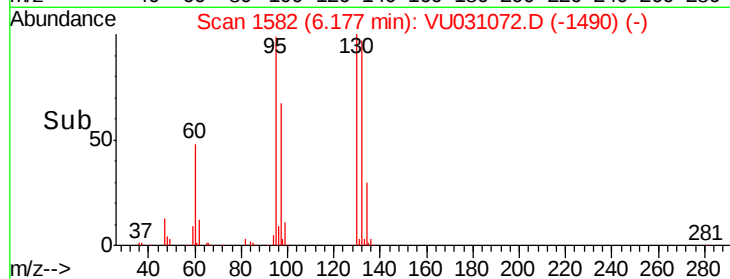
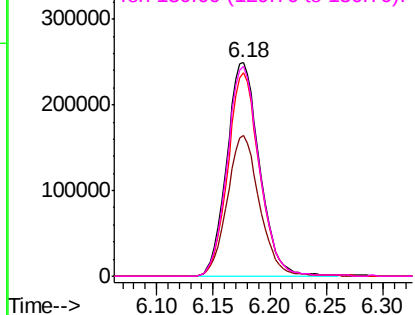
#34
 Trichloroethene
 Concen: 129.438 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G56

Tot Ion: 95 Resp: 503768
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.5 82.7
 132 95.3 61.5 114.1
 130 98.1 64.9 120.5

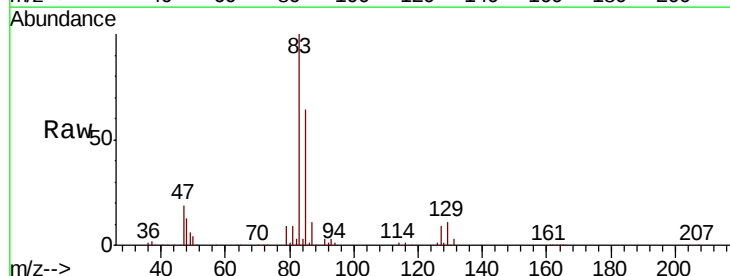


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

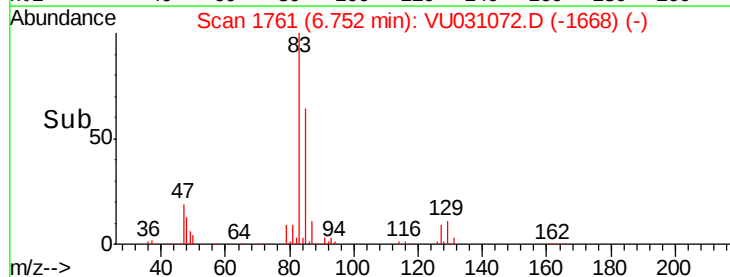
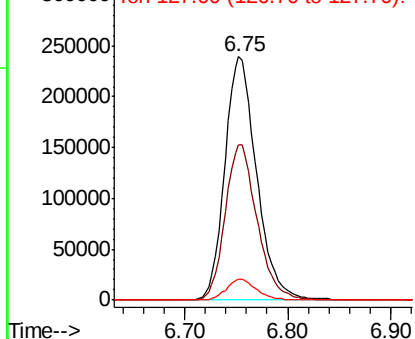


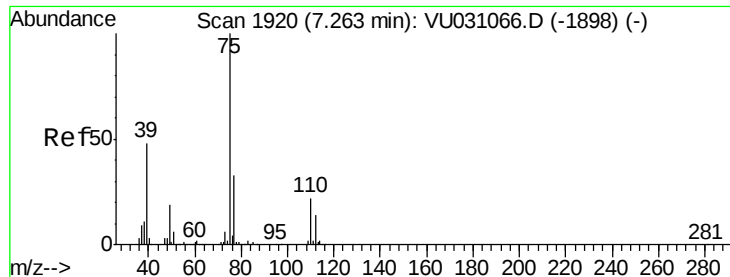
#38
 Bromodichloromethane
 Concen: 94.679 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

Tgt Ion: 83 Resp: 513211
 Ion Ratio Lower Upper
 83 100
 85 63.7 46.5 86.3
 127 8.7 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 127.00 (126.70 to 127.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.009 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

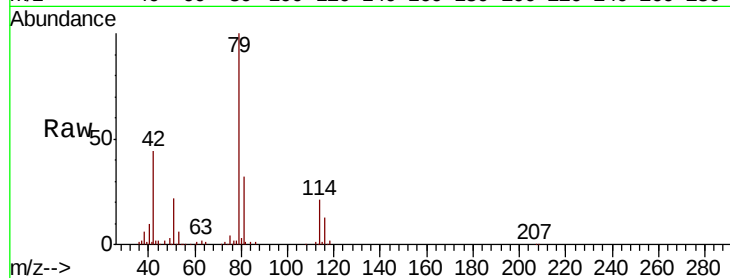
X2G56

Tot Ion: 75 Resp: 6453

Ion Ratio Lower Upper

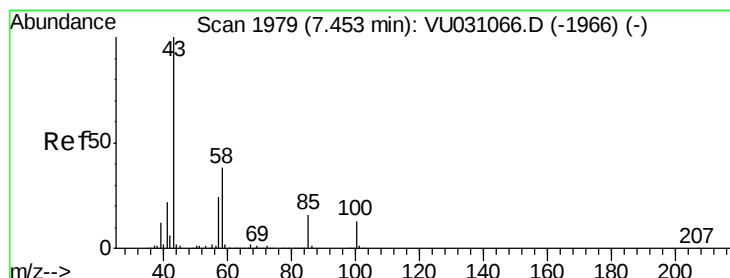
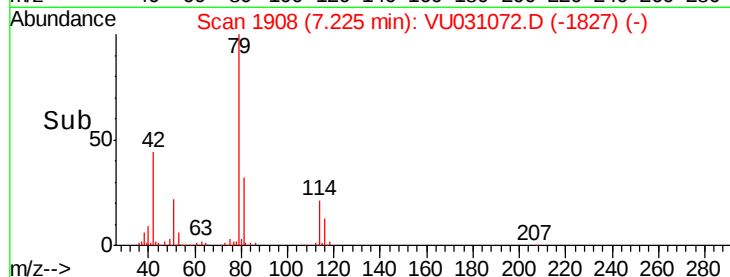
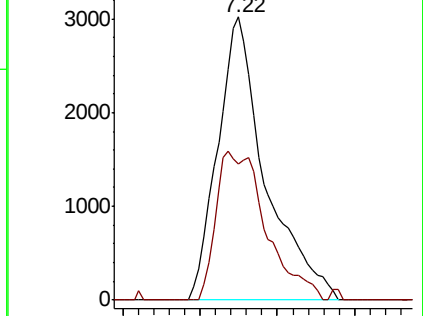
75 100

77 48.1 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU031072.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU031072.D (-1827) (-)



#40

4-Methyl-2-pentanone

Concen: 134.355 ug/L

RT: 7.47 min Scan# 1985

Delta R.T. 0.02 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

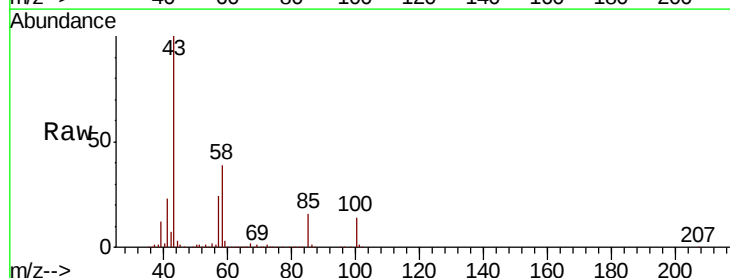
Tgt Ion: 43 Resp: 970788

Ion Ratio Lower Upper

43 100

58 39.0 29.7 44.5

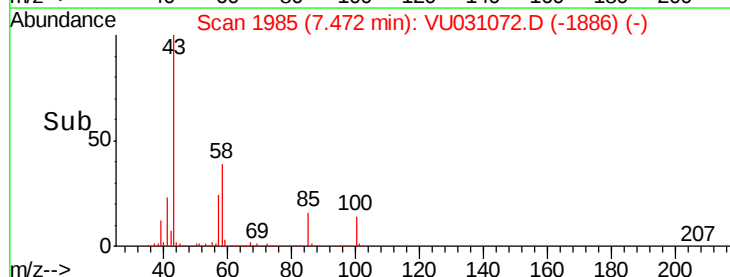
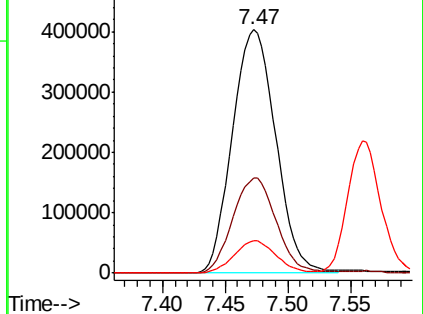
100 13.0 9.8 14.6

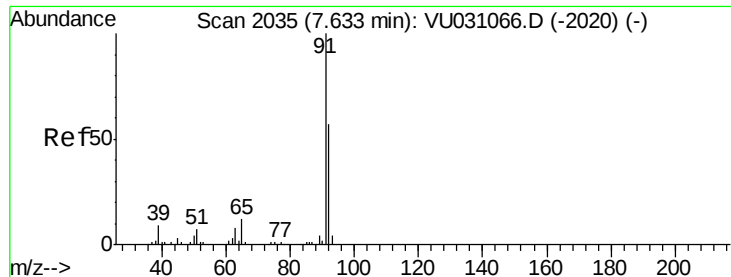


Abundance Ion 43.00 (42.70 to 43.70): VU031072.D (-1886) (-)

Ion 58.00 (57.70 to 58.70): VU031072.D (-1886) (-)

Ion 100.00 (99.70 to 100.70): VU031072.D (-1886) (-)





#42

Toluene

Concen: 30.445 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

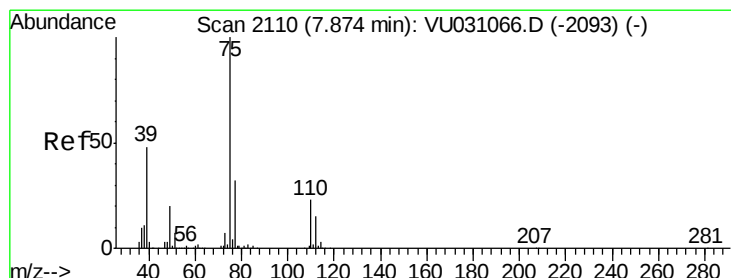
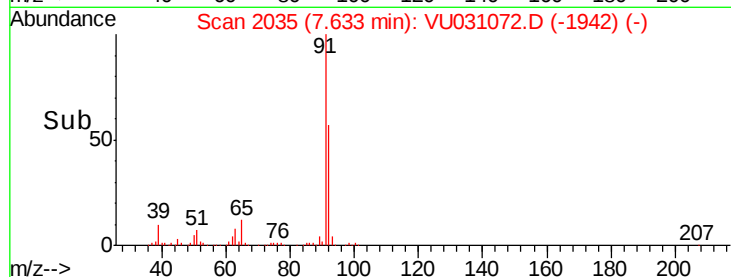
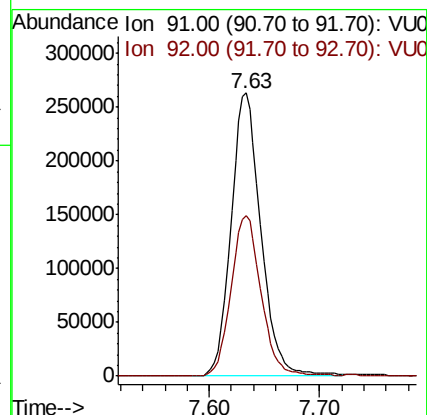
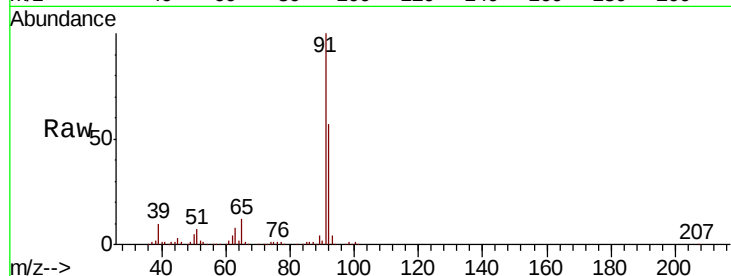
X2G56

Tot Ion: 91 Resp: 493137

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.741 ug/L

RT: 8.09 min Scan# 2176

Delta R.T. 0.21 min

Lab File: VU031072.D

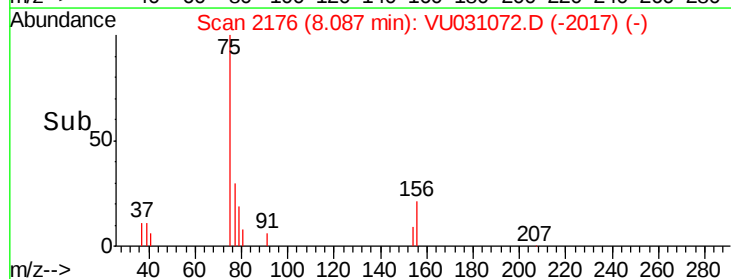
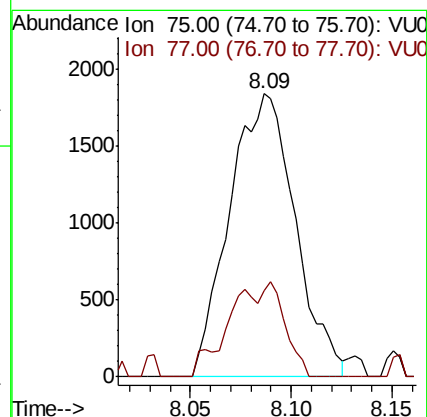
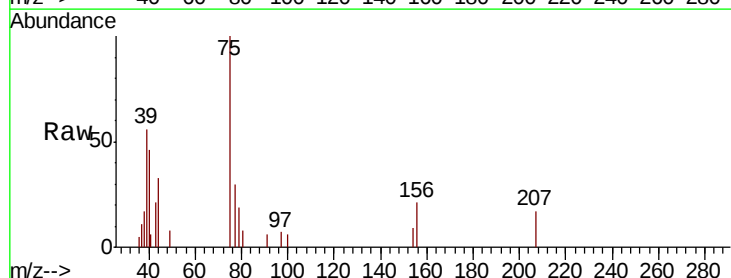
Acq: 11 Apr 2019 16:36

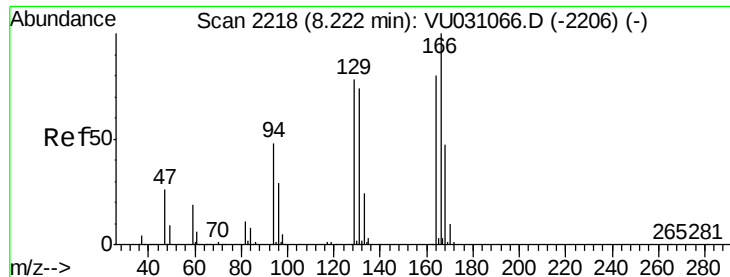
Tgt Ion: 75 Resp: 4175

Ion Ratio Lower Upper

75 100

77 30.3 21.6 40.0

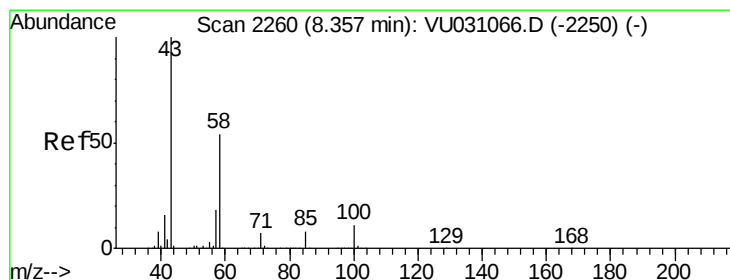
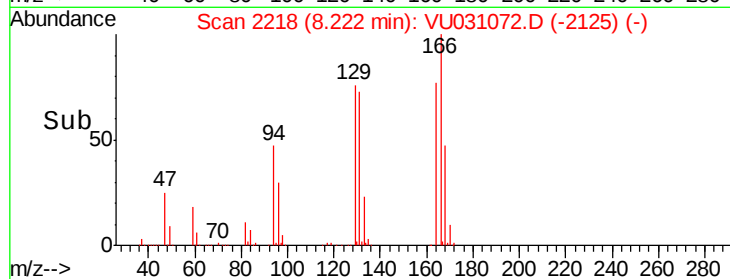
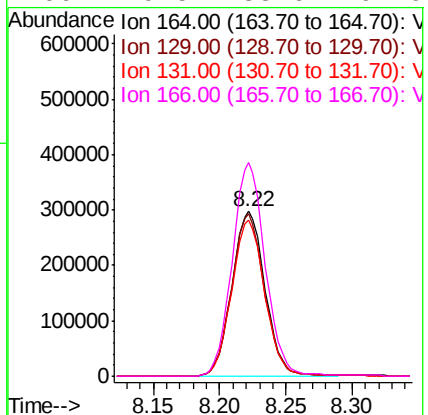
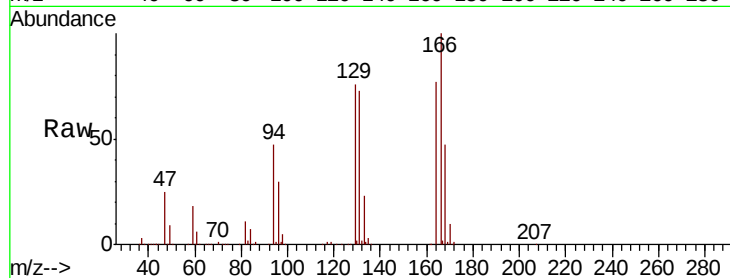




#46
Tetrachloroethene
Concen: 182.705 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031072.D
Acq: 11 Apr 2019 16:36

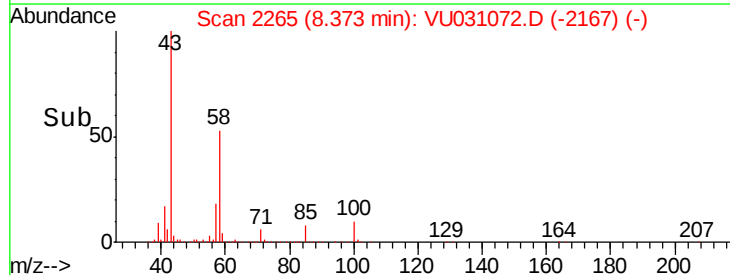
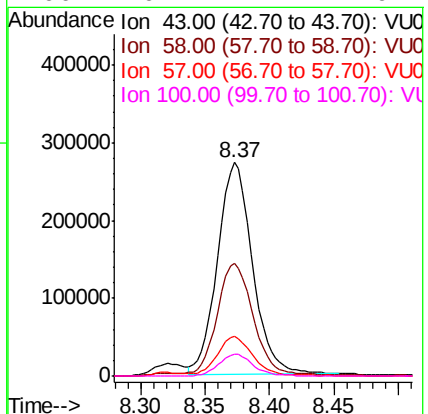
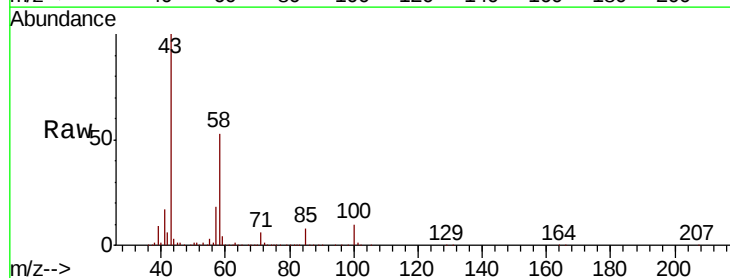
Instrument :
MSVOA_U
ClientSampleId :
X2G56

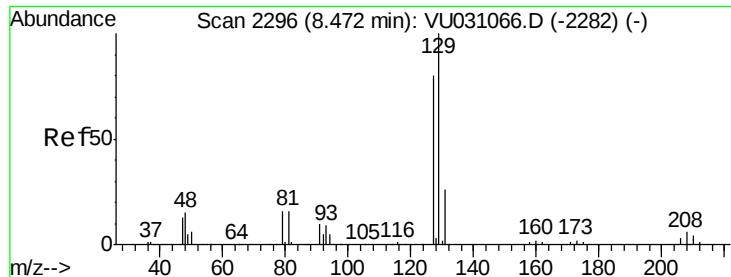
Tot Ion:	164	Resp:	516977
Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.4	125.2
131	94.5	65.9	122.5
166	129.5	88.6	164.6



#48
2-Hexanone
Concen: 91.518 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.02 min
Lab File: VU031072.D
Acq: 11 Apr 2019 16:36

Tgt Ion:	43	Resp:	515911
Ion	Ratio	Lower	Upper
43	100		
58	54.0	41.9	62.9
57	17.8	14.3	21.5
100	10.1	7.1	10.7





#49

Dibromochloromethane

Concen: 66.550 ug/L

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

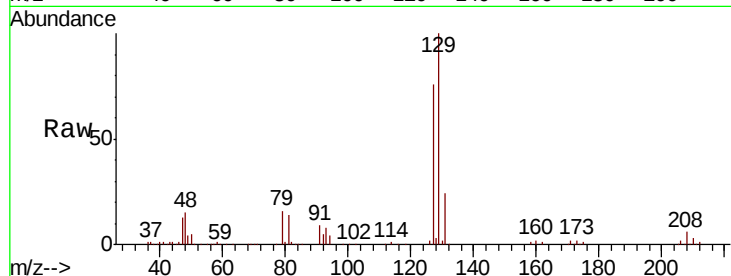
X2G56

Tot Ion:129 Resp: 269101

Ion Ratio Lower Upper

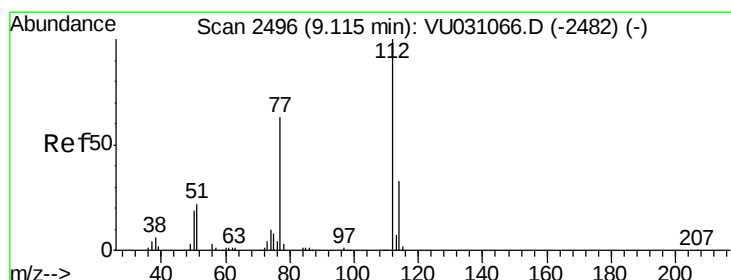
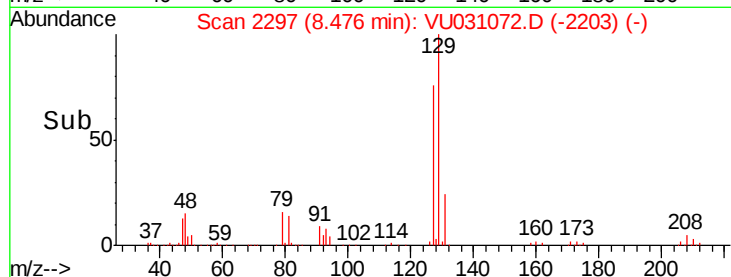
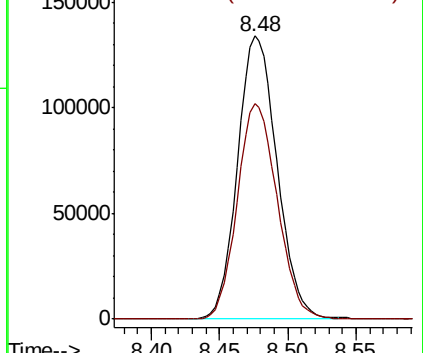
129 100

127 75.9 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#51

Chlorobenzene

Concen: 80.740 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

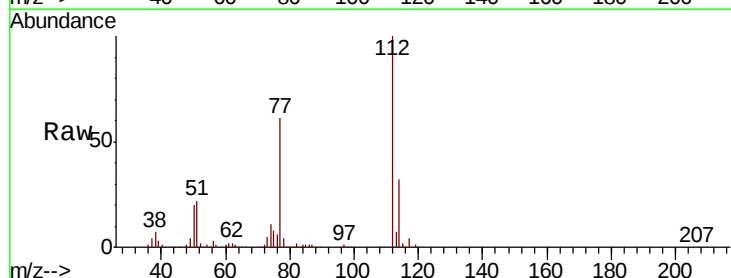
Tgt Ion:112 Resp: 802111

Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

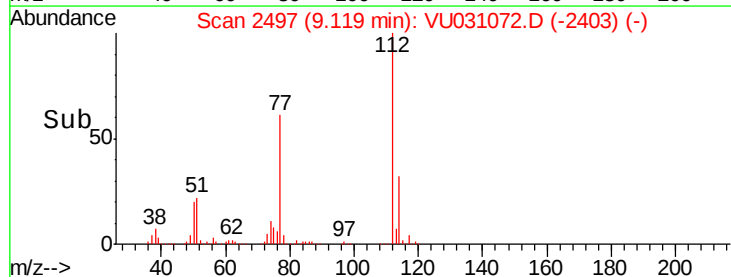
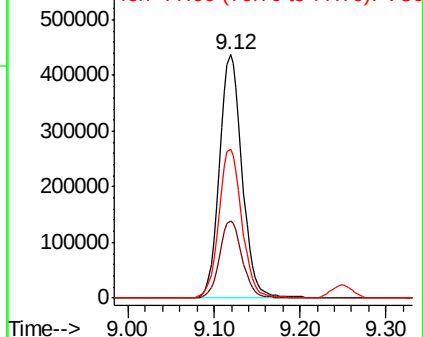
77 61.4 51.7 77.5

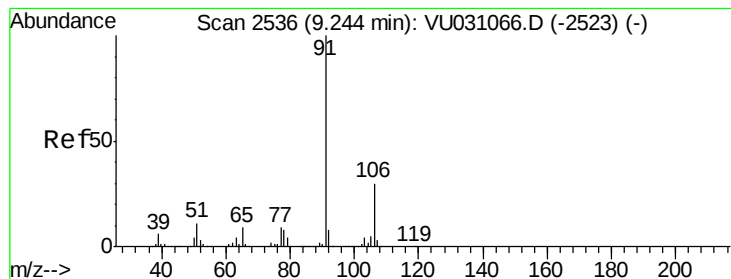


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU





#52

Ethylbenzene

Concen: 26.735 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.01 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

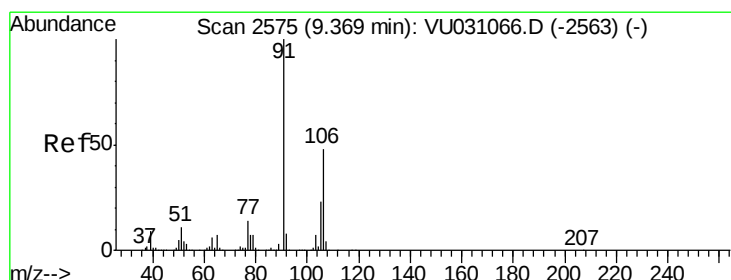
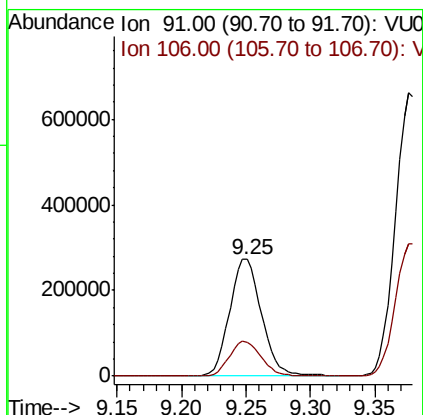
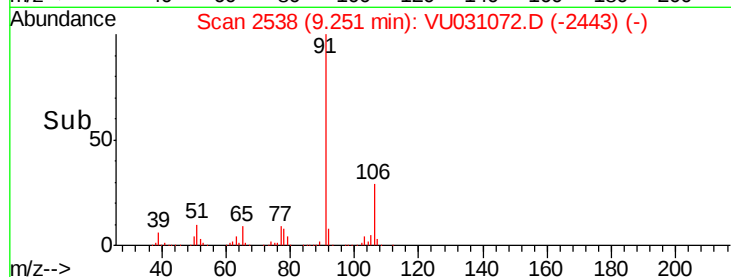
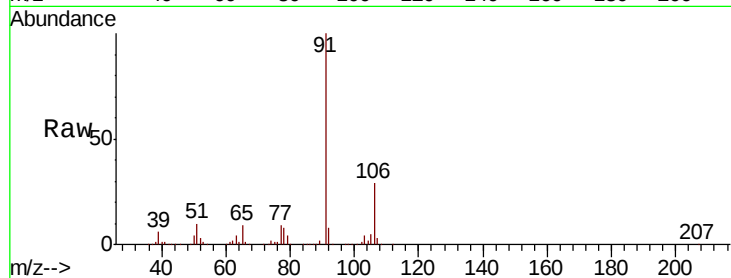
X2G56

Tot Ion: 91 Resp: 472042

Ion Ratio Lower Upper

91 100

106 29.2 20.4 37.8



#53

m,p-Xylene

Concen: 82.701 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU031072.D

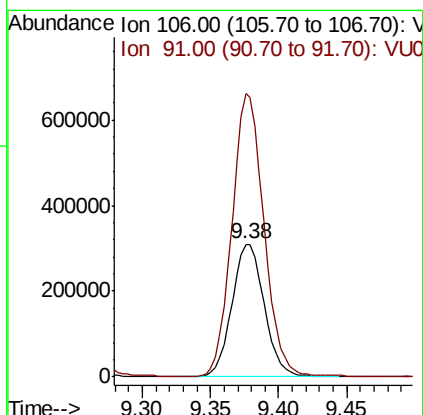
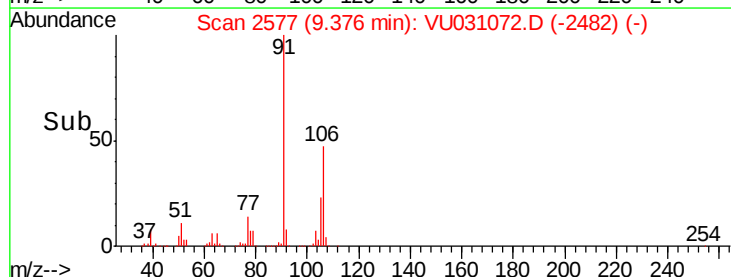
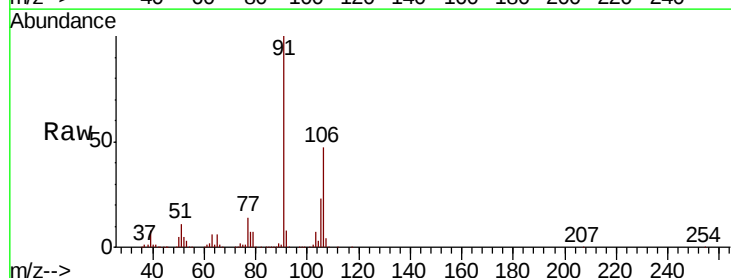
Acq: 11 Apr 2019 16:36

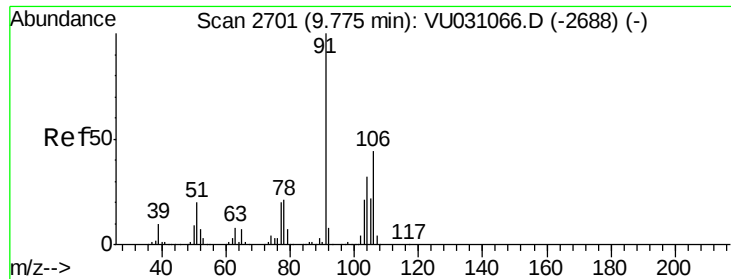
Tgt Ion: 106 Resp: 509261

Ion Ratio Lower Upper

106 100

91 212.9 148.0 274.8





#54

o-xylene

Concen: 52.878 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

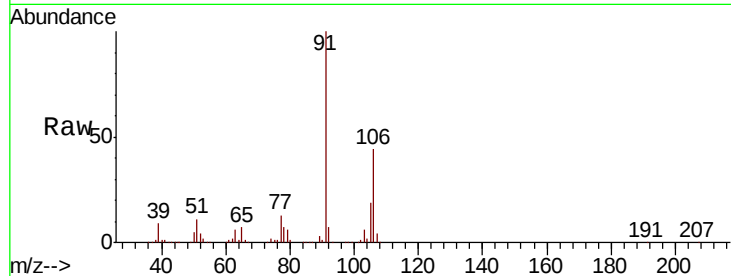
X2G56

Tot Ion:106 Resp: 323884

Ion Ratio Lower Upper

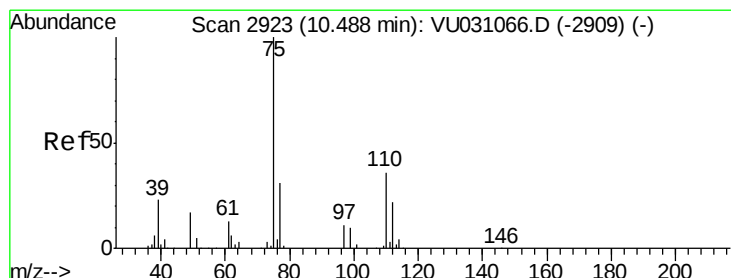
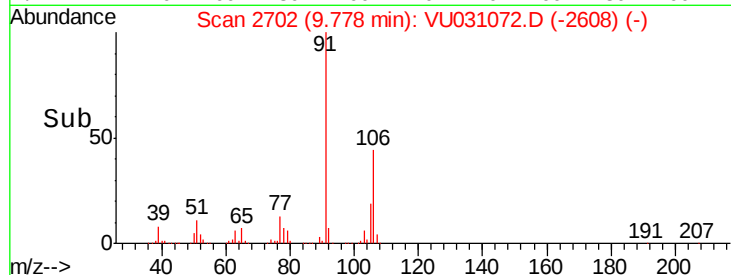
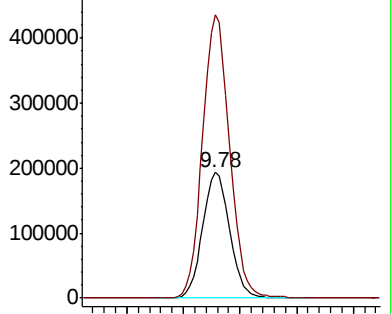
106 100

91 225.5 156.7 290.9



Abundance Ion 106.00 (105.70 to 106.70): VU031072.D (-2608) (-)

Ion 91.00 (90.70 to 91.70): VU031072.D (-2608) (-)



#59

1,2,3-Trichloropropane

Concen: 6.491 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031072.D

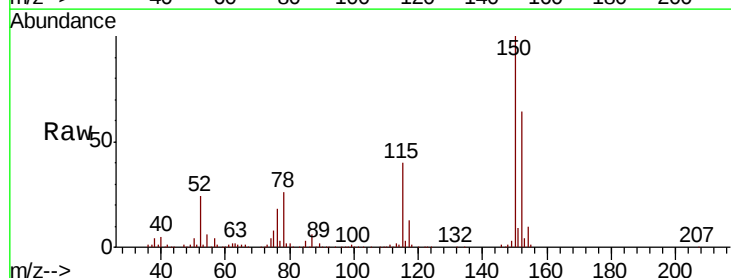
Acq: 11 Apr 2019 16:36

Tgt Ion: 75 Resp: 34930

Ion Ratio Lower Upper

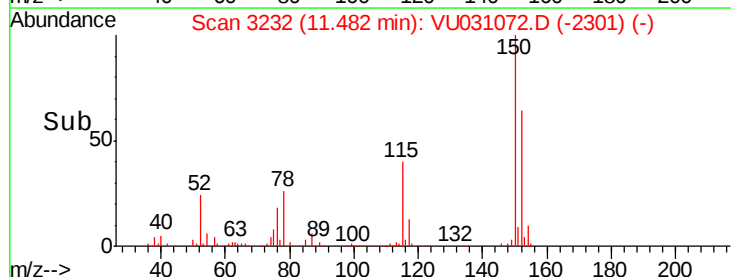
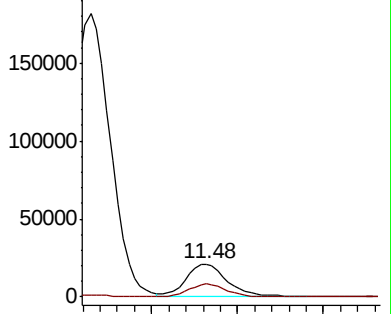
75 100

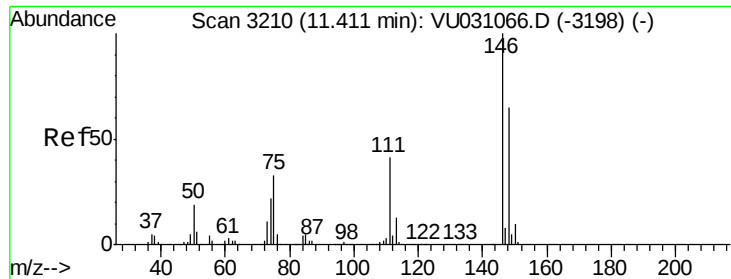
77 36.8 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU031072.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU031072.D (-2301) (-)





#62

1,3-Dichlorobenzene

Concen: 107.659 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2G56

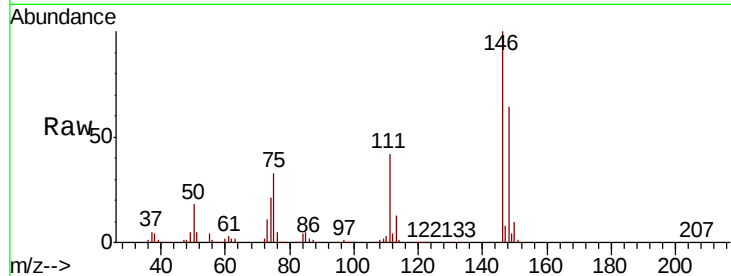
Tot Ion:146 Resp: 877050

Ion Ratio Lower Upper

146 100

111 41.8 30.9 57.5

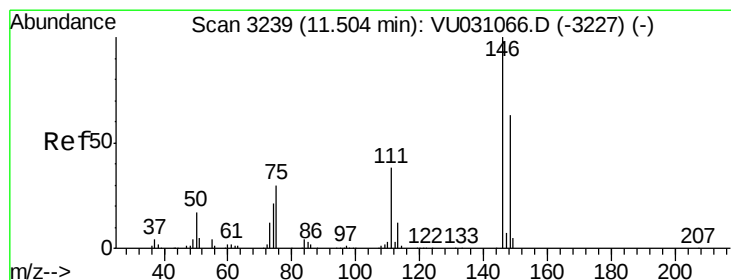
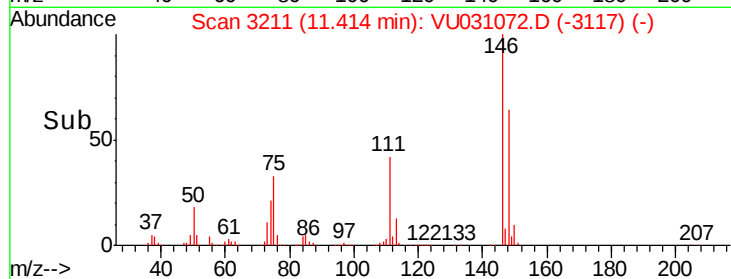
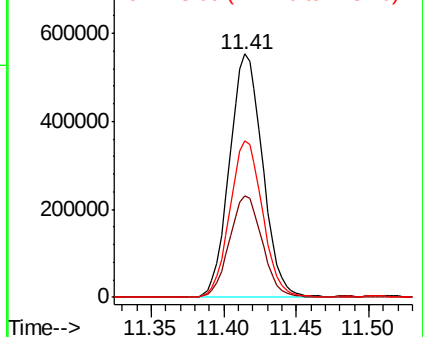
148 64.2 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.790 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU031072.D

Acq: 11 Apr 2019 16:36

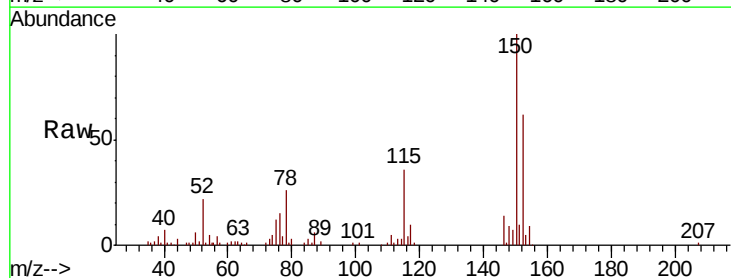
Tgt Ion:146 Resp: 6548

Ion Ratio Lower Upper

146 100

111 35.1 27.7 51.5

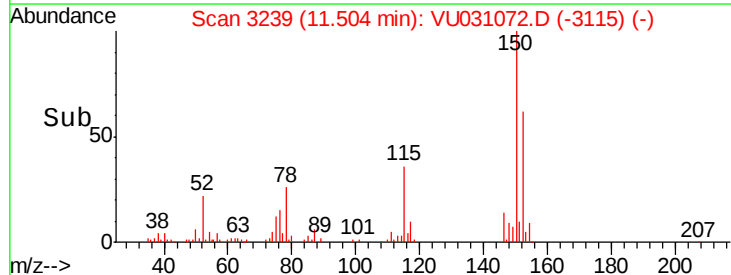
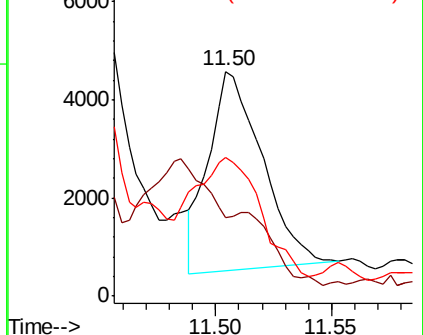
148 61.8 45.4 84.4

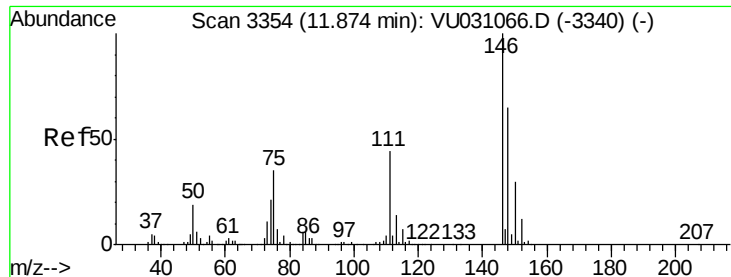


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

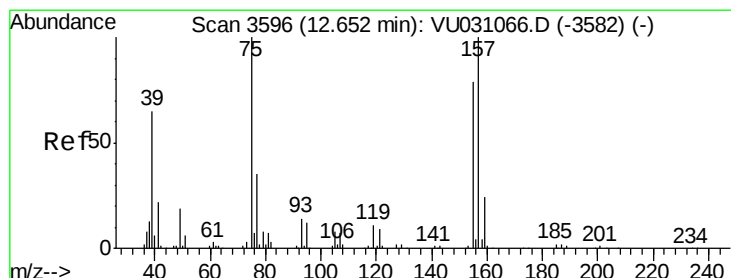
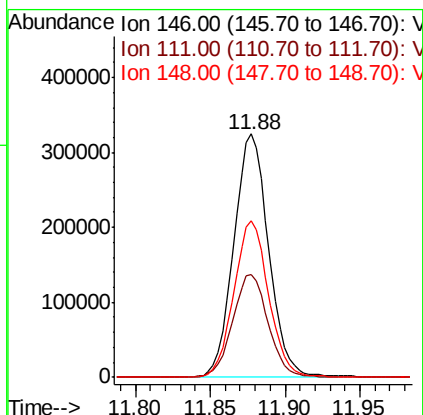
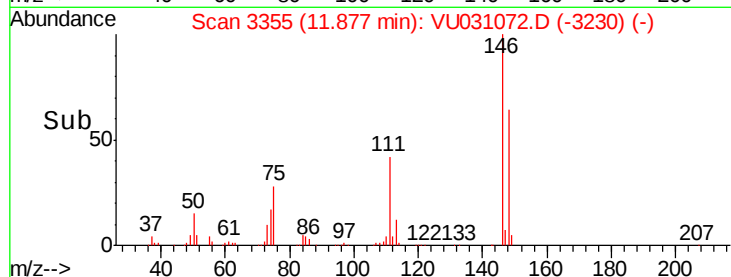
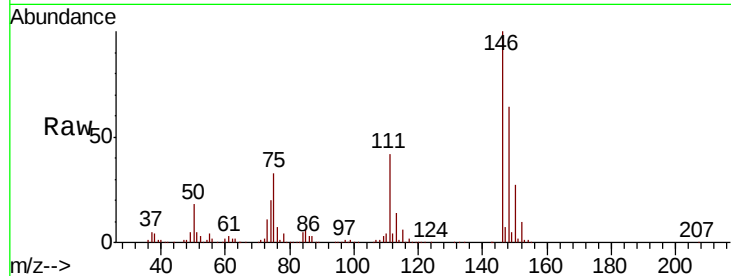




#65
 1,2-Dichlorobenzene
 Concen: 64.236 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

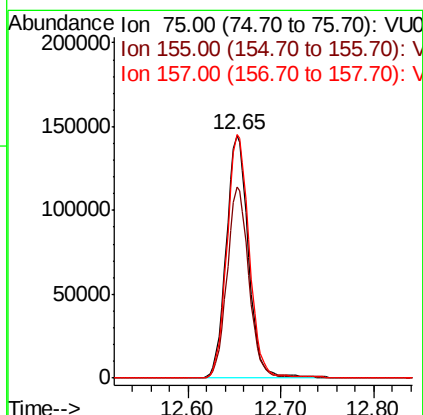
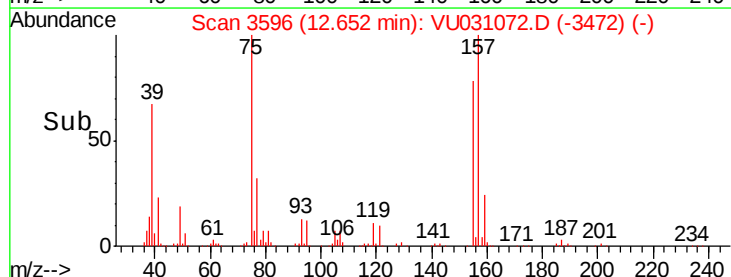
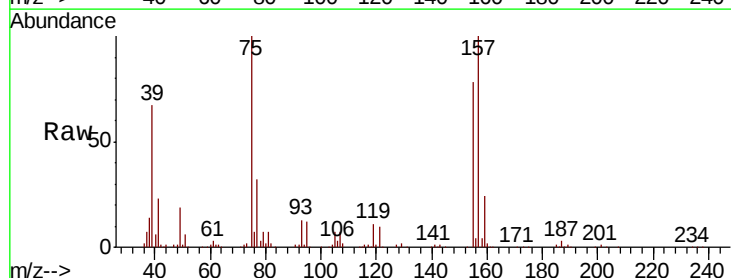
Instrument :
 MSVOA_U
 ClientSampleId :
 X2G56

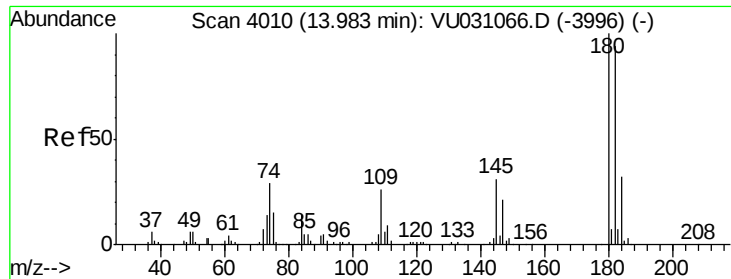
Tot Ion:146 Resp: 524922
 Ion Ratio Lower Upper
 146 100
 111 42.4 34.9 52.3
 148 64.2 50.4 75.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 138.302 ug/L
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

Tgt Ion: 75 Resp: 240255
 Ion Ratio Lower Upper
 75 100
 155 78.7 64.1 96.1
 157 100.4 80.6 120.8





#70
 1,2,3-Trichlorobenzene
 Concen: 42.718 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU031072.D
 Acq: 11 Apr 2019 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G56

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.1	117.1
145	29.8	26.6	40.0

