

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036845.D
 Acq On : 19 Feb 2020 13:21
 Operator : JC/MD
 Sample : L1580-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

Quant Time: Feb 20 05:01:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 20 04:46:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	119124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115106	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45585	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	42743	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	76063	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.67	46	105380	49.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	5.11	84	76256	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	43109	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	168834	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	52208	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	149597	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	18357	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	88965	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40724	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46490	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
3) Chloromethane	1.54	50	40431	4.938	ug/L 100
6) Bromomethane	1.87	94	20935	3.643	ug/L 94
9) Trichlorofluoromethane	2.16	101	97179	7.723	ug/L 99
12) 1,1-Dichloroethene	2.60	96	27742	3.829	ug/L 87
13) Acetone	2.66	43	118777	43.237	ug/L 98
14) Carbon disulfide	2.82	76	130852	7.483	ug/L 100
16) Methylene chloride	3.08	84	24978	2.045	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	174617	8.136	ug/L 99
19) 1,1-Dichloroethane	3.91	63	144929	9.243	ug/L 97
21) 2-Butanone	4.75	43	279182	87.364	ug/L 99
27) 1,2-Dichloroethane	5.83	62	75991	7.119	ug/L 99
29) 1,1,1-Trichloroethane	5.36	97	106054	8.389	ug/L 99
30) Cyclohexane	5.42	56	167875	12.501	ug/L 98
34) Trichloroethene	6.57	95	47053	5.203	ug/L 96
35) Methylcyclohexane	6.79	83	99709	6.949	ug/L 98
37) 1,2-Dichloropropane	6.83	63	21515	2.219	ug/L 99
42) Toluene	8.00	91	327403	8.586	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

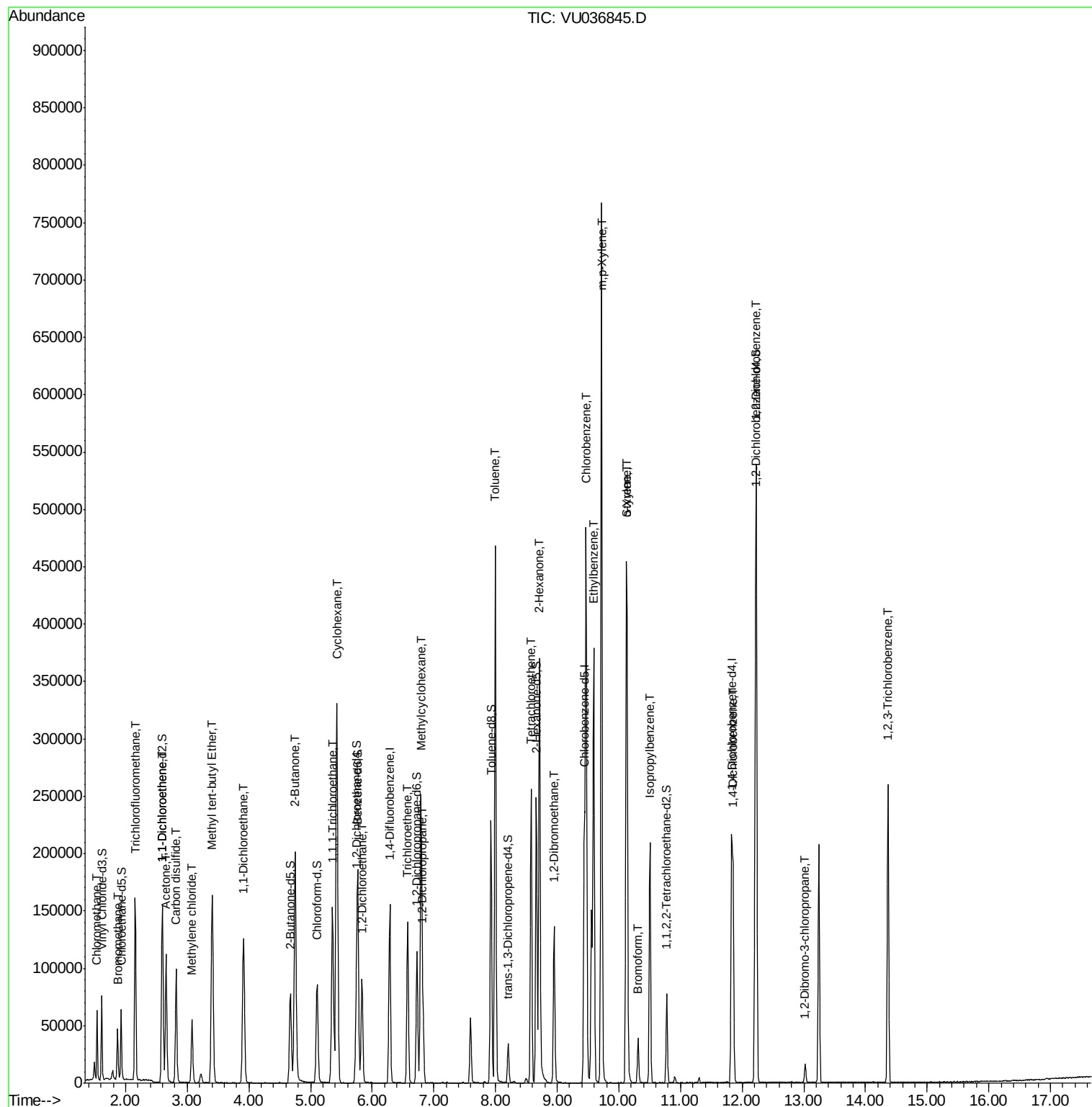
47) Tetrachloroethene	8.58	164	50882	8.272	ug/L	95
48) 2-Hexanone	8.71	43	233403	43.599	ug/L	98
50) 1,2-Dibromoethane	8.95	107	91749	15.062	ug/L	98
51) Chlorobenzene	9.47	112	242045	10.261	ug/L	99
52) Ethylbenzene	9.59	91	261121	6.131	ug/L	100
53) m,p-Xylene	9.72	106	198189	12.645	ug/L	92
54) o-Xylene	10.12	106	79092	5.139	ug/L	95
55) Styrene	10.13	104	129416	4.988	ug/L	100
56) Isopropylbenzene	10.50	105	127859	3.104	ug/L	99
61) Bromoform	10.31	173	16728	4.989	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	68047	4.094	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	182765	11.306	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	4290	3.556	ug/L	95
70) 1,2,3-Trichlorobenzene	14.37	180	72378	9.060	ug/L	98

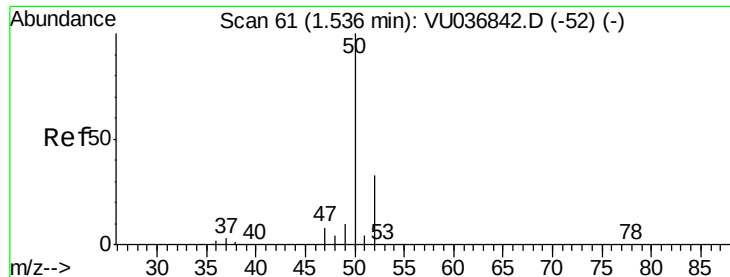
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.938 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampled :

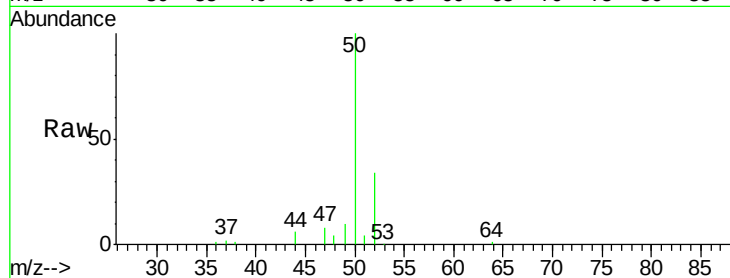
DBDJ1

Tot Ion: 50 Resp: 40431

Ion Ratio Lower Upper

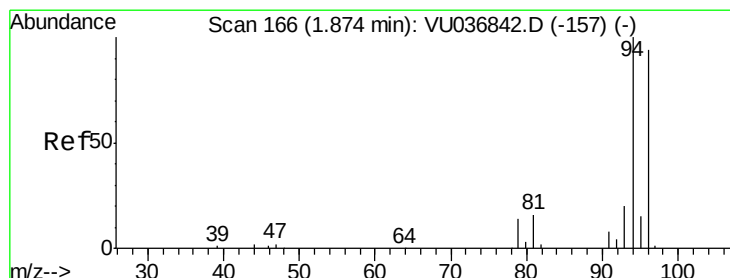
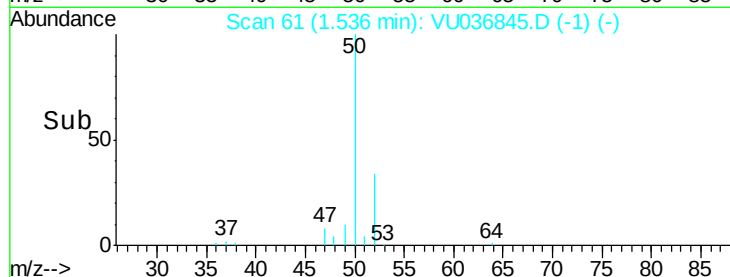
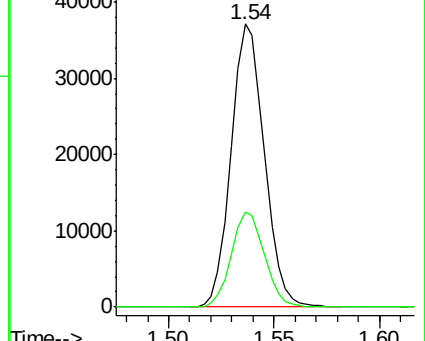
50 100

52 33.8 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 3.643 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU036845.D

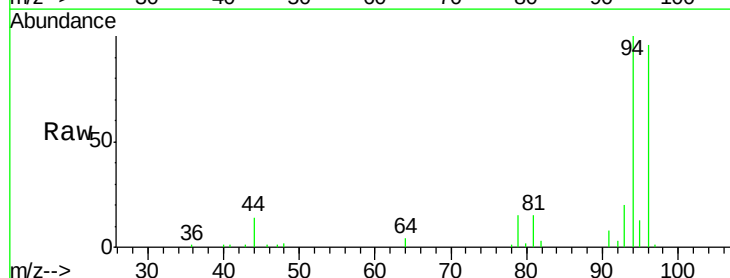
Acq: 19 Feb 2020 13:21

Tgt Ion: 94 Resp: 20935

Ion Ratio Lower Upper

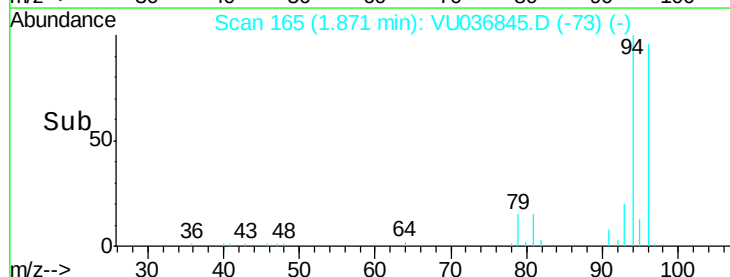
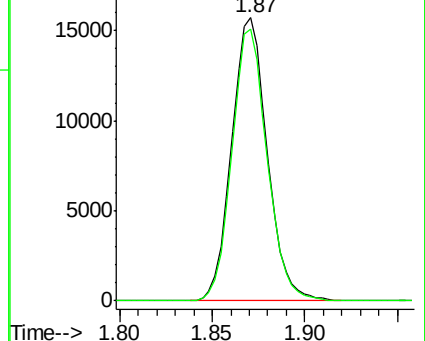
94 100

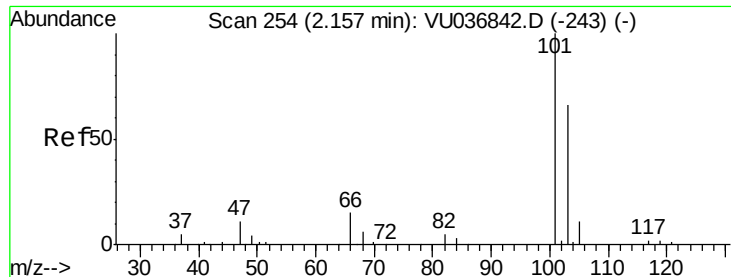
96 96.2 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



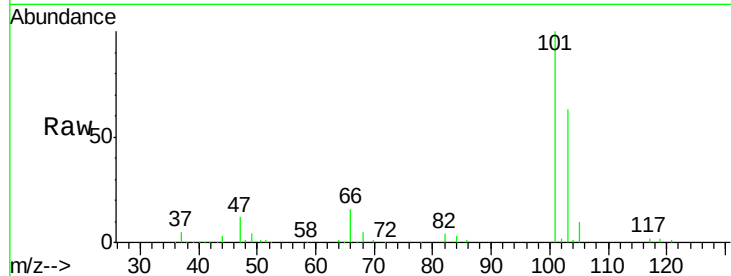


#9

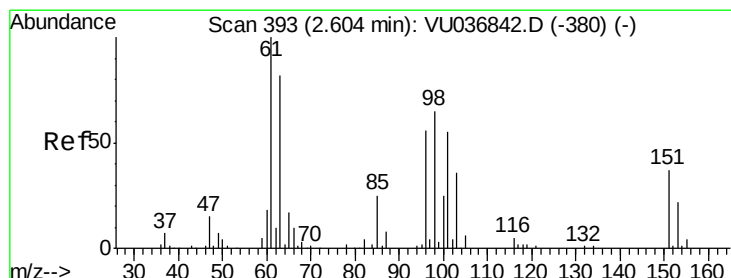
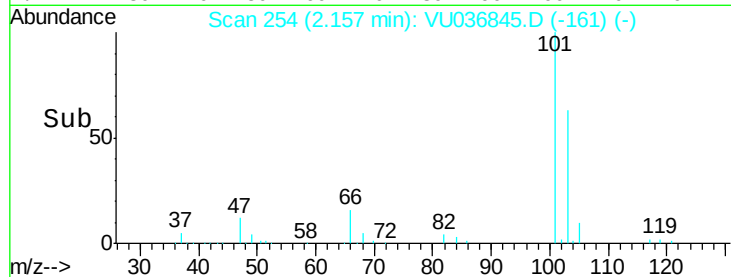
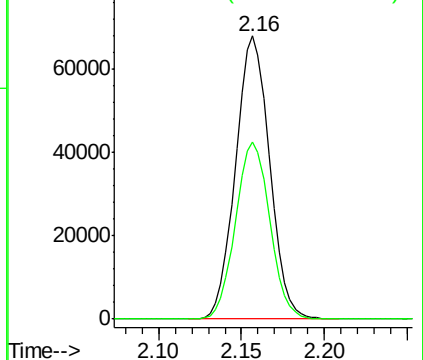
Trichlorofluoromethane
 Concen: 7.723 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

Tot Ion:101 Resp: 97179
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.0 76.6



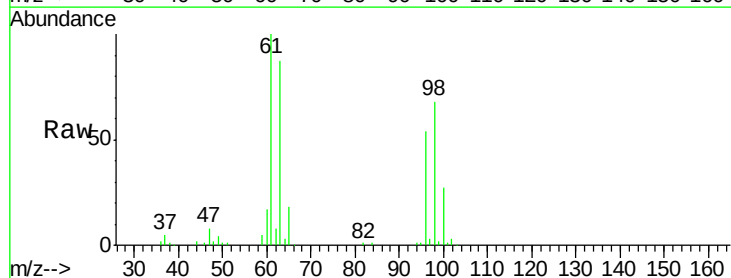
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



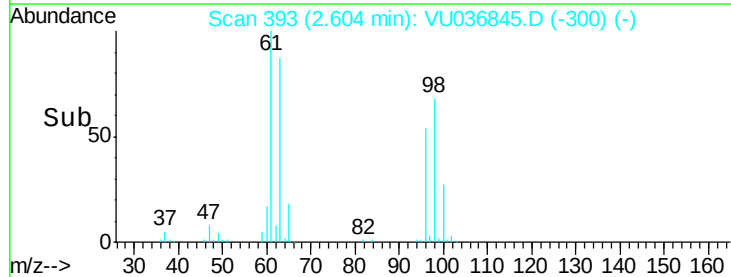
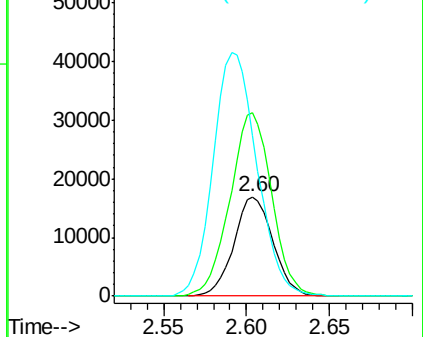
#12

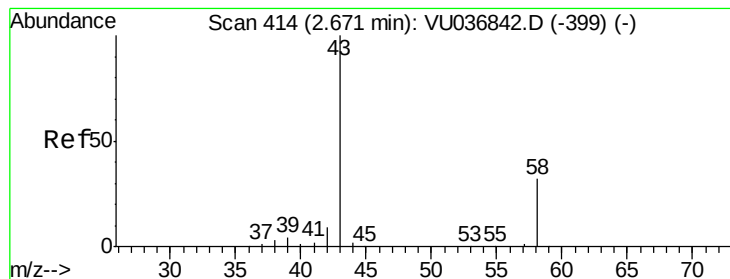
1,1-Dichloroethene
 Concen: 3.829 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 96 Resp: 27742
 Ion Ratio Lower Upper
 96 100
 61 184.0 126.4 234.8
 63 160.8 89.5 166.3



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: 43.237 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

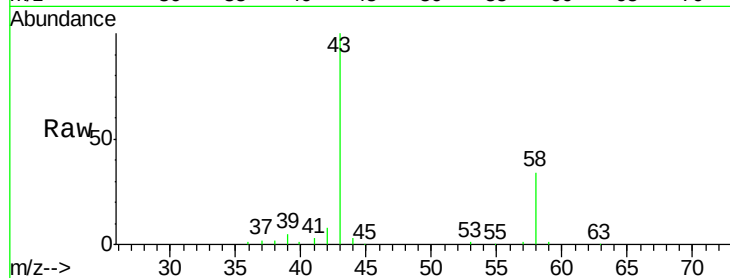
DBDJ1

Tot Ion: 43 Resp: 118777

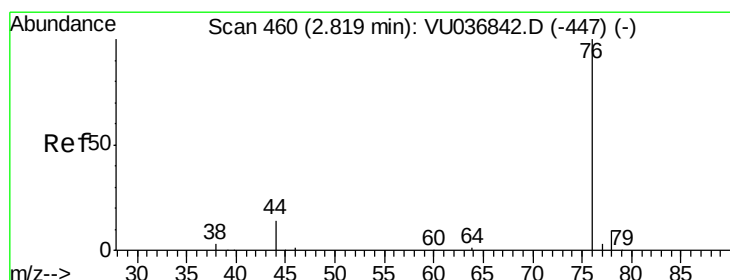
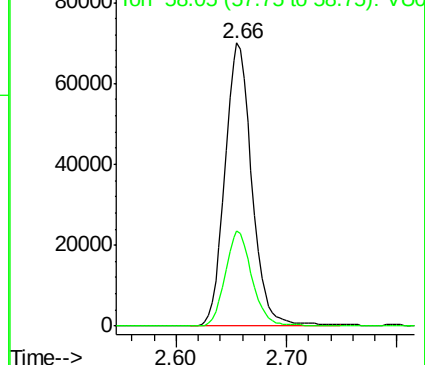
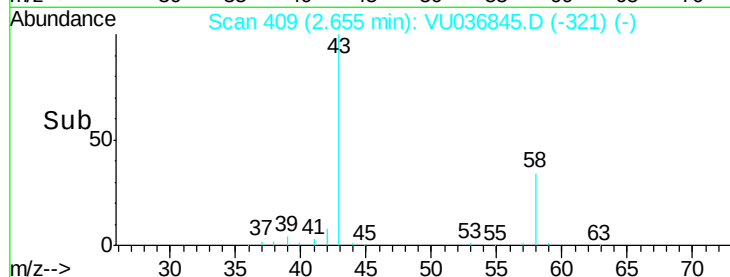
Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036845.D (-321) (-)



#14

Carbon disulfide

Concen: 7.483 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036845.D

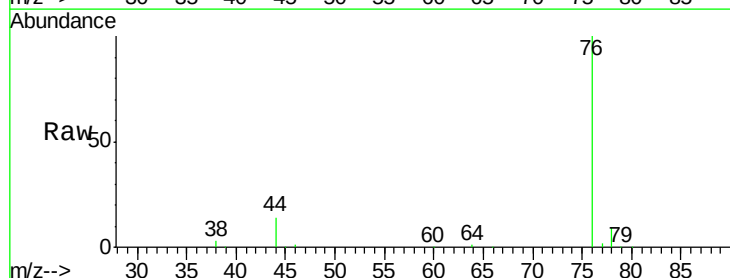
Acq: 19 Feb 2020 13:21

Tgt Ion: 76 Resp: 130852

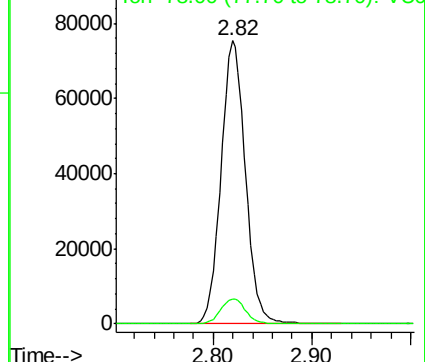
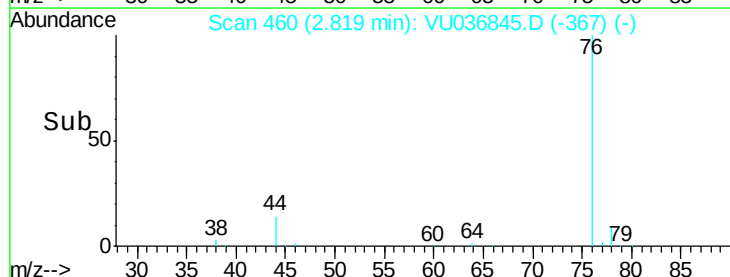
Ion Ratio Lower Upper

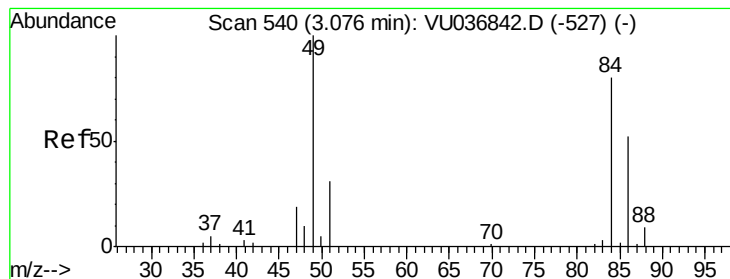
76 100

78 8.8 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036845.D (-367) (-)





#16

Methylene chloride

Concen: 2.045 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

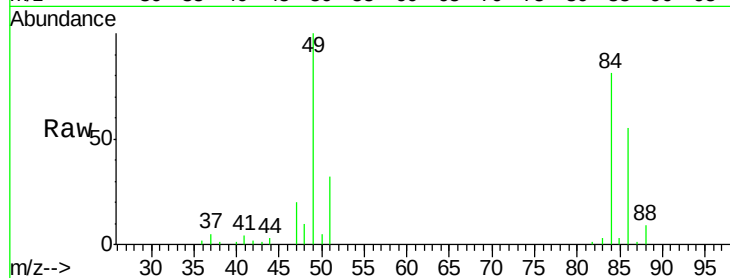
Tot Ion: 84 Resp: 24978

Ion Ratio Lower Upper

84 100

86 67.6 44.7 82.9

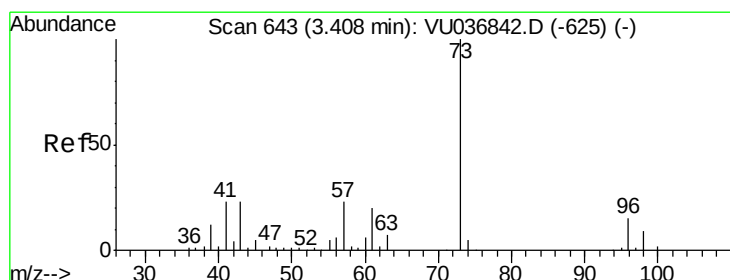
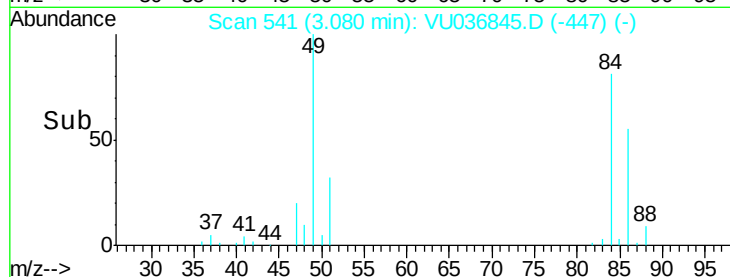
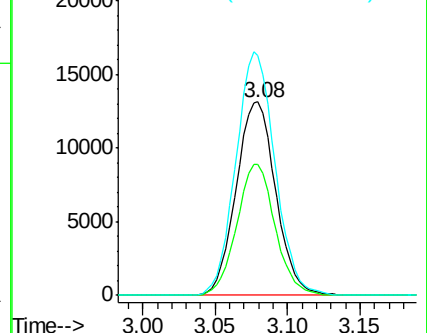
49 124.0 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036845.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU036845.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU036845.D (-540) (-)



#17

Methyl tert-butyl Ether

Concen: 8.136 ug/L

RT: 3.40 min Scan# 642

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

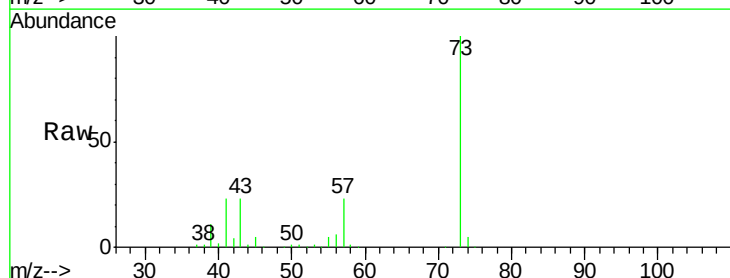
Tgt Ion: 73 Resp: 174617

Ion Ratio Lower Upper

73 100

43 23.0 18.7 28.1

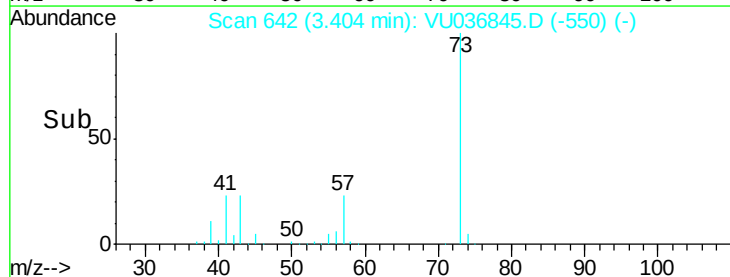
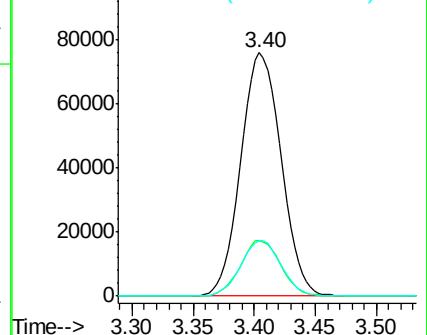
57 22.7 17.9 26.9

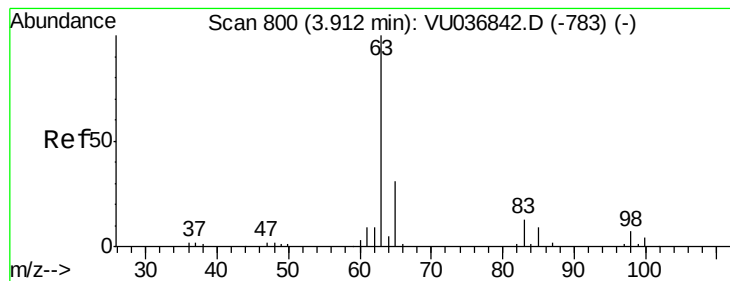


Abundance Ion 73.10 (72.80 to 73.80): VU036845.D (-643) (-)

Ion 43.05 (42.75 to 43.75): VU036845.D (-643) (-)

Ion 57.10 (56.80 to 57.80): VU036845.D (-643) (-)





#19

1,1-Dichloroethane

Concen: 9.243 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

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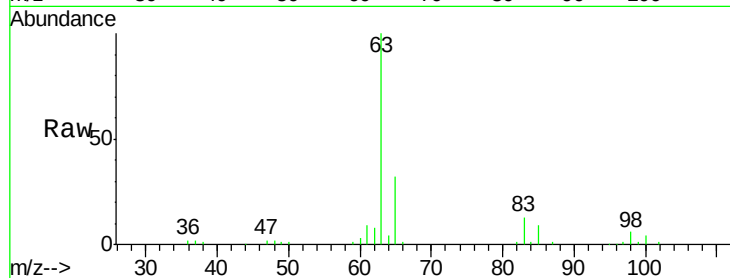
Tot Ion: 63 Resp: 144929

Ion Ratio Lower Upper

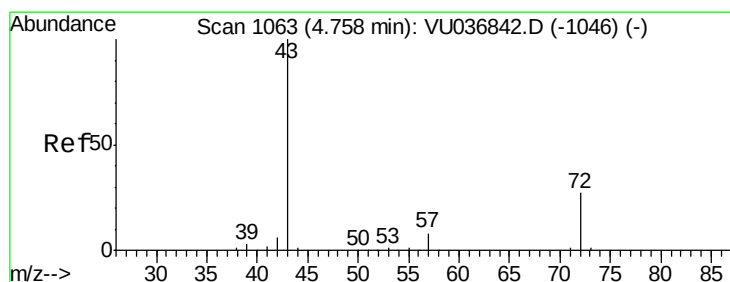
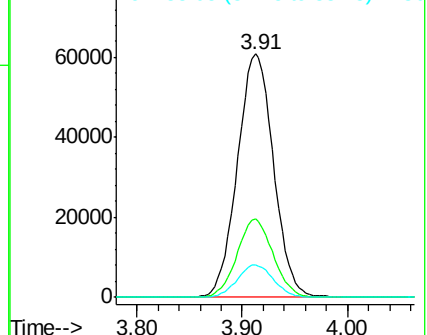
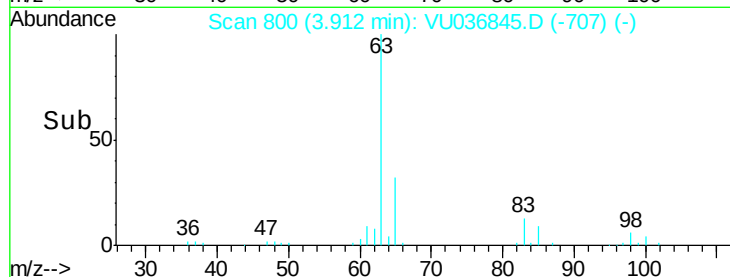
63 100

65 32.5 21.6 40.2

83 13.3 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VU036845.D (-707) (-)



#21

2-Butanone

Concen: 87.364 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU036845.D

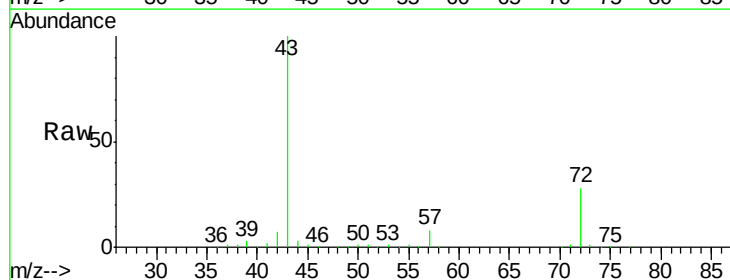
Acq: 19 Feb 2020 13:21

Tgt Ion: 43 Resp: 279182

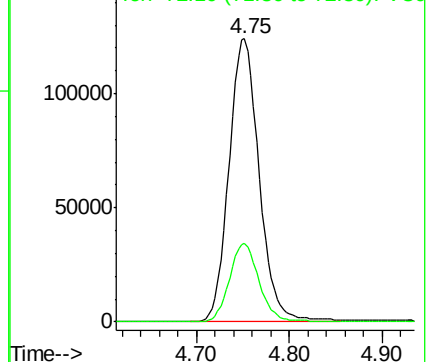
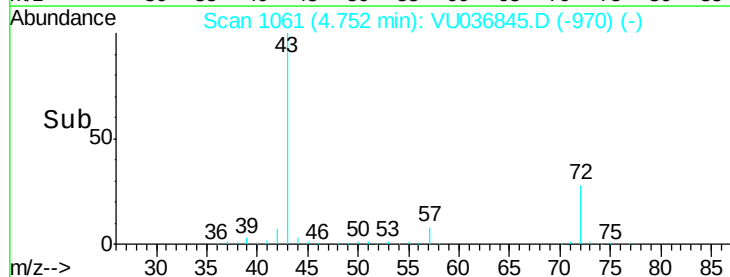
Ion Ratio Lower Upper

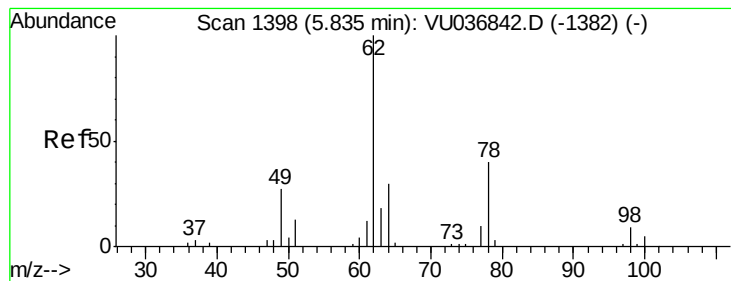
43 100

72 27.5 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036845.D (-970) (-)





#27

1,2-Dichloroethane

Concen: 7.119 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

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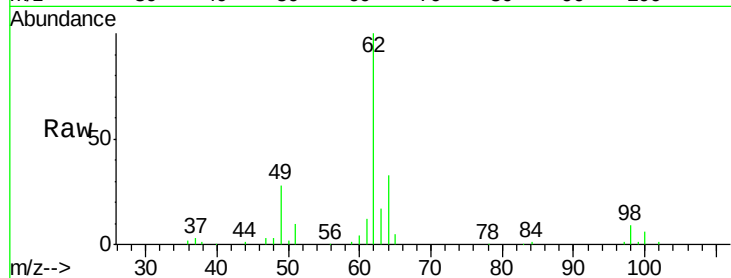
DBDJ1

Tot Ion: 62 Resp: 75991

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.4

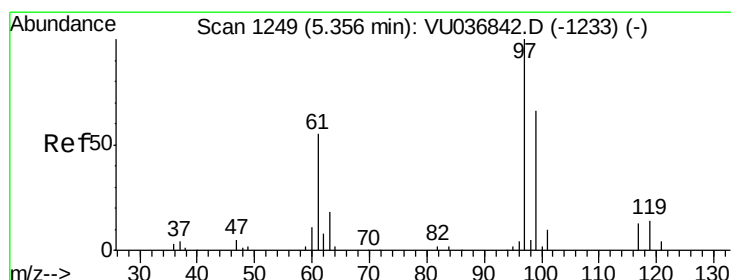
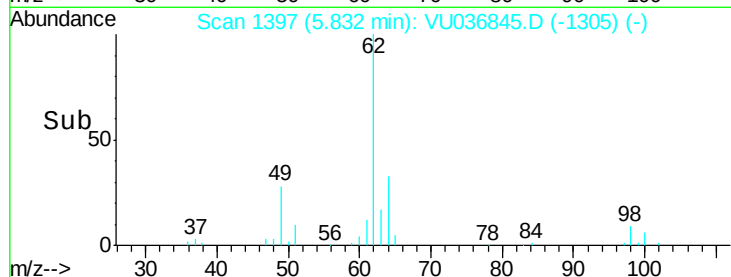


Abundance Ion 62.00 (61.70 to 62.70): VU036842.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU036842.D (-1382) (-)

5.83

Time-->



#29

1,1,1-Trichloroethane

Concen: 8.389 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

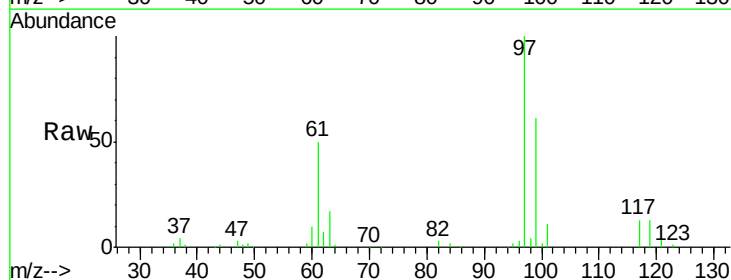
Tgt Ion: 97 Resp: 106054

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 51.5 41.6 62.4



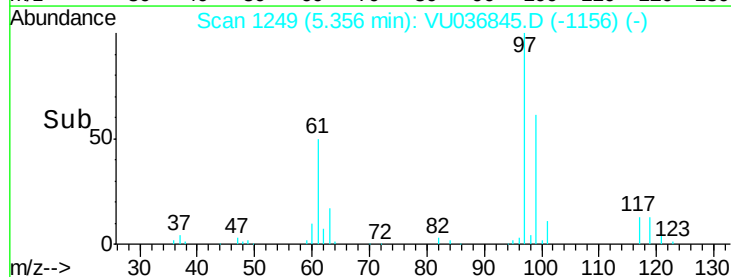
Abundance Ion 96.95 (96.65 to 97.65): VU036842.D (-1233) (-)

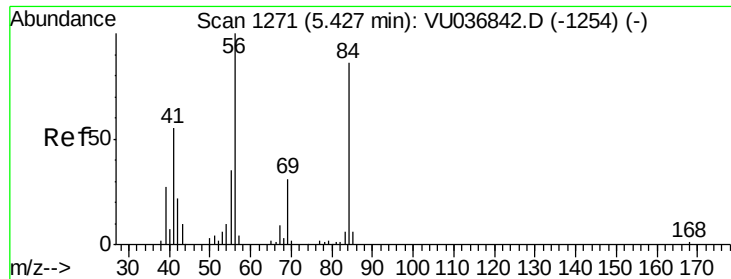
Ion 99.05 (98.75 to 99.75): VU036842.D (-1233) (-)

Ion 61.05 (60.75 to 61.75): VU036842.D (-1233) (-)

5.36

Time-->

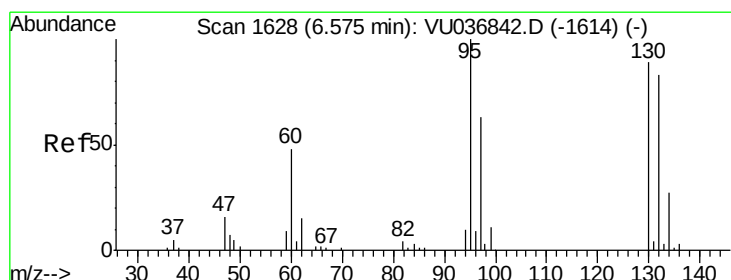
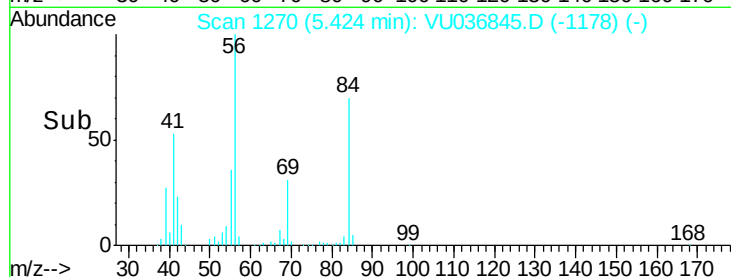
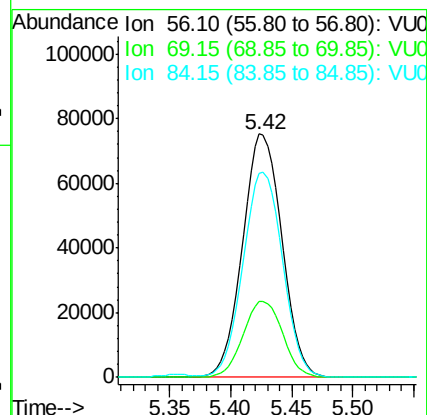
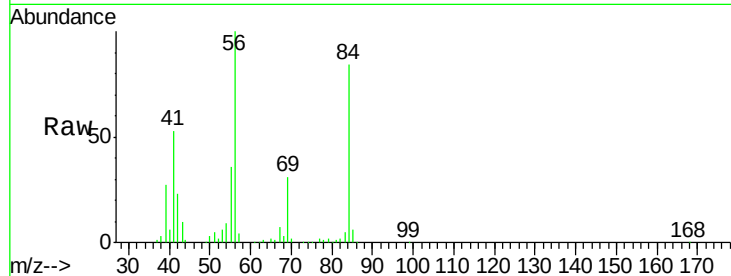




#30
Cyclohexane
Concen: 12.501 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

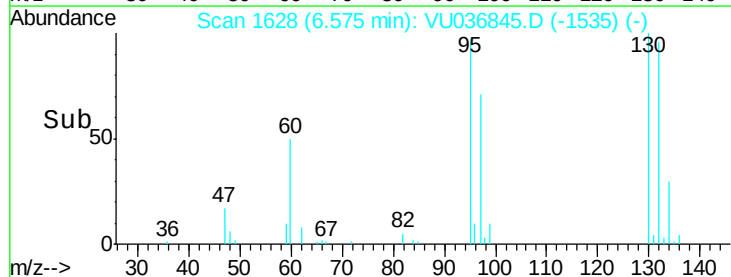
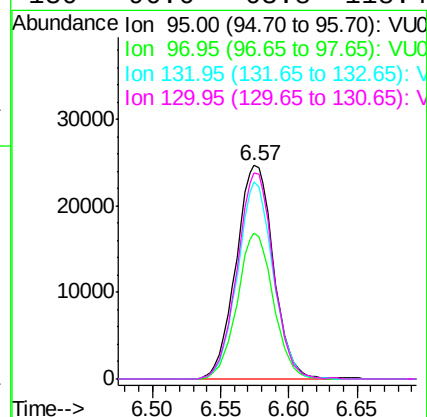
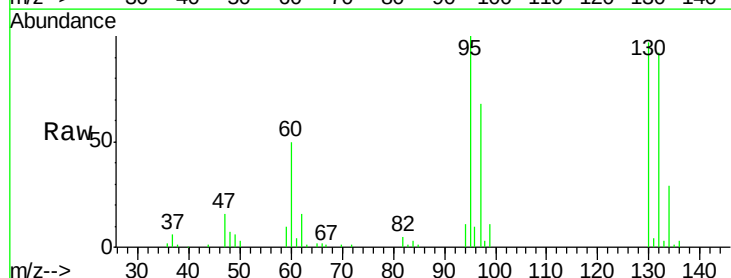
Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

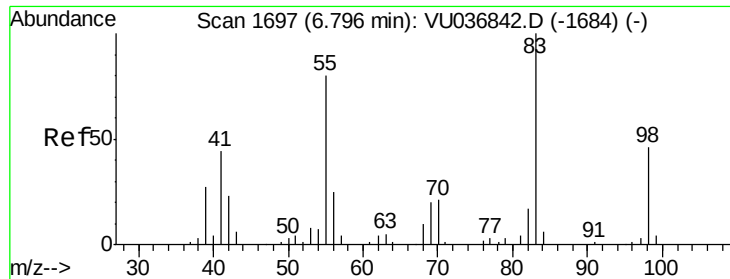
Tot Ion: 56 Resp: 167875
Ion Ratio Lower Upper
56 100
69 31.4 24.6 37.0
84 85.2 70.0 105.0



#34
Trichloroethene
Concen: 5.203 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion: 95 Resp: 47053
Ion Ratio Lower Upper
95 100
97 68.3 45.6 84.8
132 92.3 62.8 116.6
130 96.6 63.8 118.4

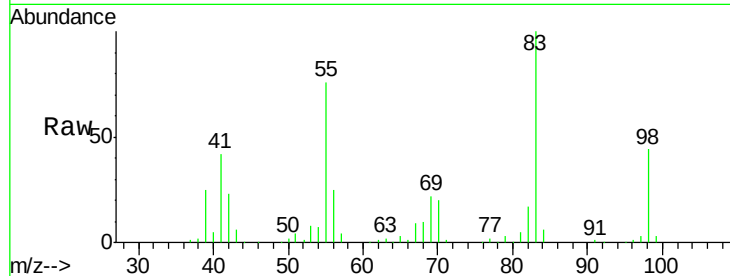




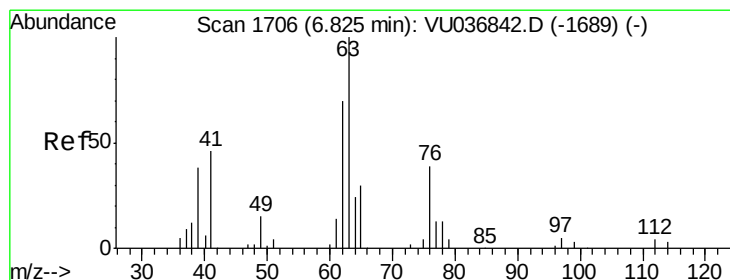
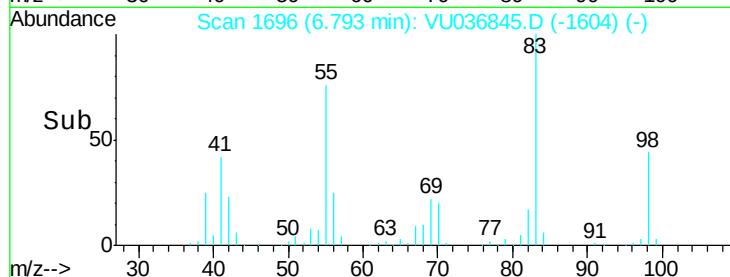
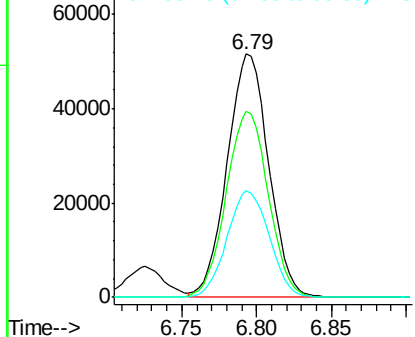
#35
Methylcyclohexane
Concen: 6.949 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Tot Ion: 83 Resp: 99709
Ion Ratio Lower Upper
83 100
55 77.5 61.0 91.4
98 44.6 34.2 51.4

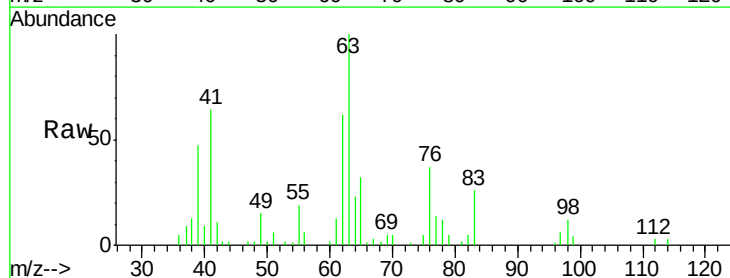


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

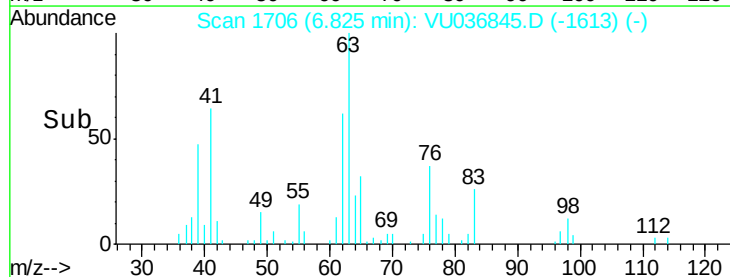
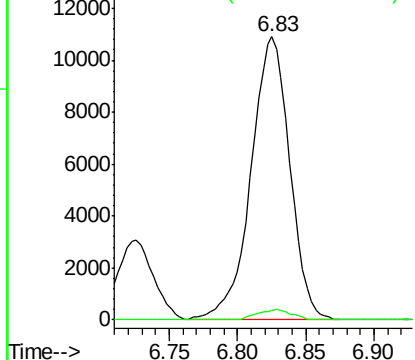


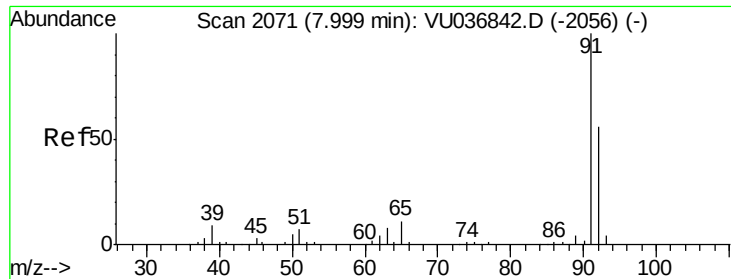
#37
1,2-Dichloropropane
Concen: 2.219 ug/L
RT: 6.83 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion: 63 Resp: 21515
Ion Ratio Lower Upper
63 100
112 3.2 3.0 4.4



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





#42

Toluene

Concen: 8.586 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampled :

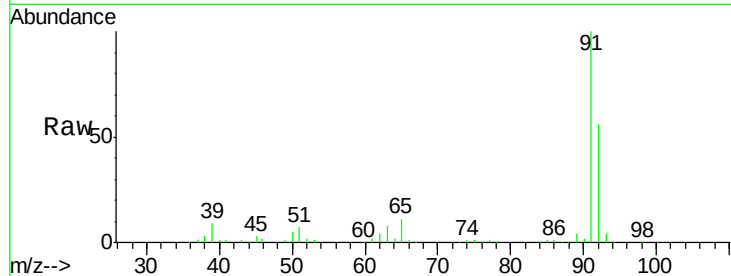
DBDJ1

Tot Ion: 91 Resp: 327403

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

8.00

200000

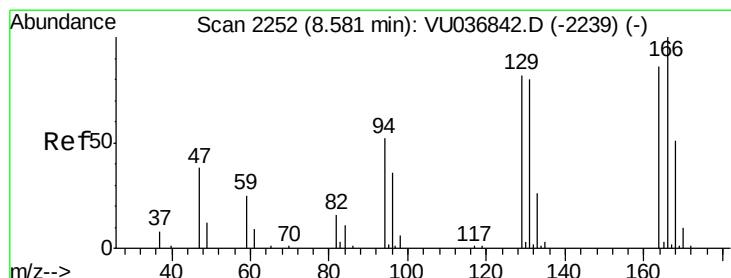
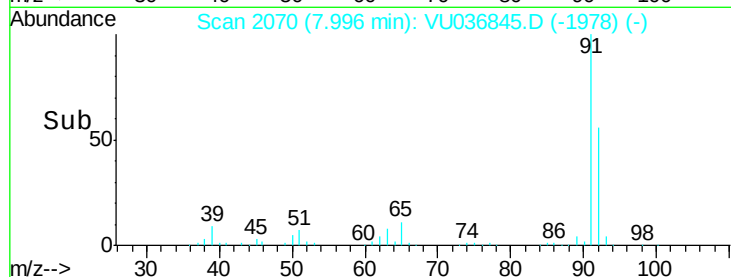
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 8.272 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Tgt Ion: 164 Resp: 50882

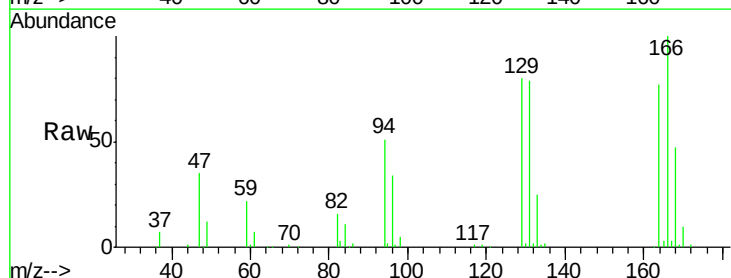
Ion Ratio Lower Upper

164 100

129 103.2 68.0 126.4

131 101.9 69.4 128.8

166 129.8 86.6 160.8



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

8.58

60000

50000

40000

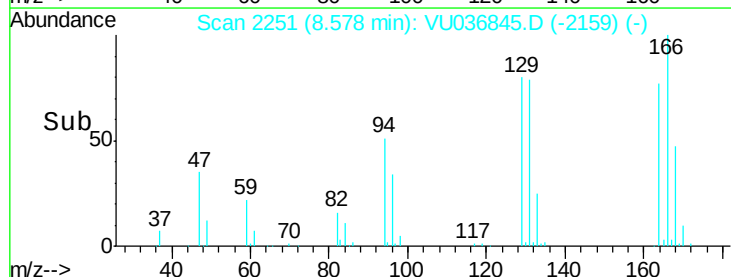
30000

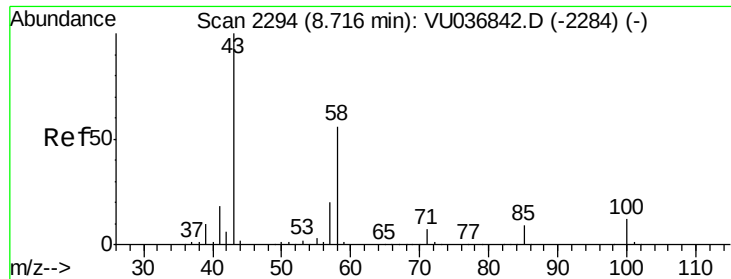
20000

10000

0

Time-->

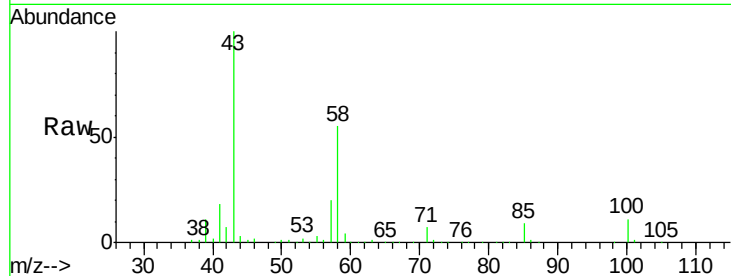




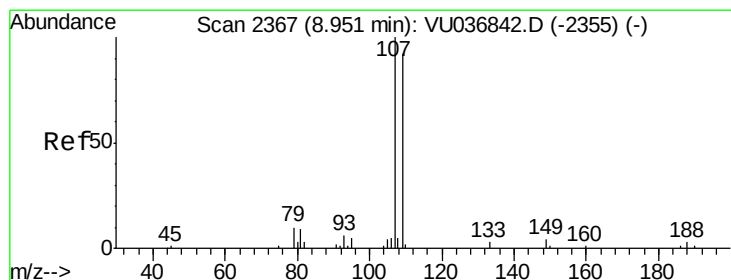
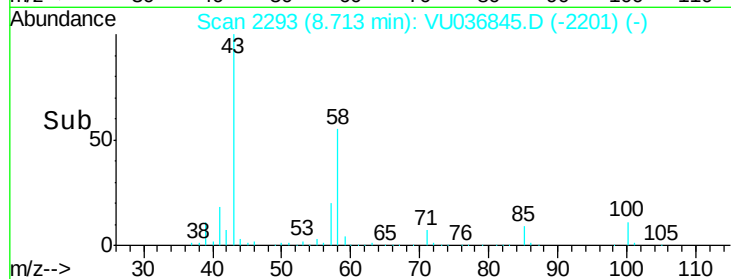
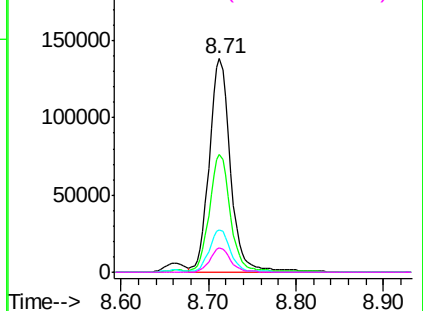
#48
2-Hexanone
Concen: 43.599 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampled :
DBDJ1

Tot Ion: 43 Resp: 233403
Ion Ratio Lower Upper
43 100
58 53.2 43.6 65.4
57 19.6 15.0 22.4
100 11.1 9.0 13.6

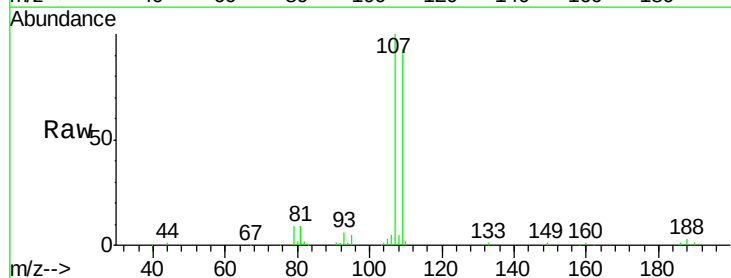


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

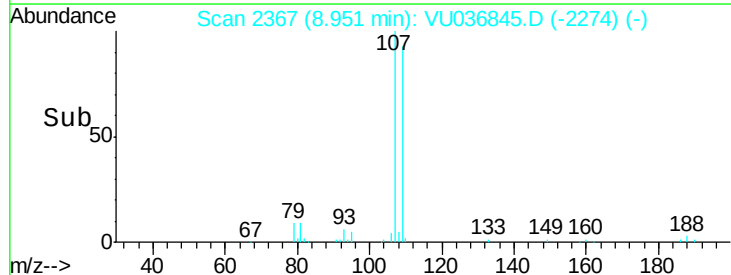
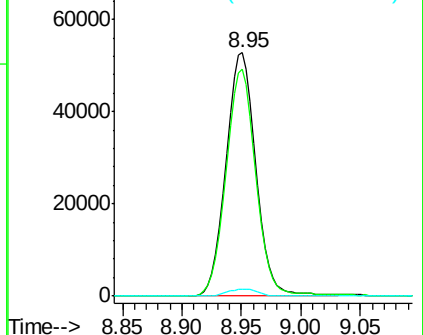


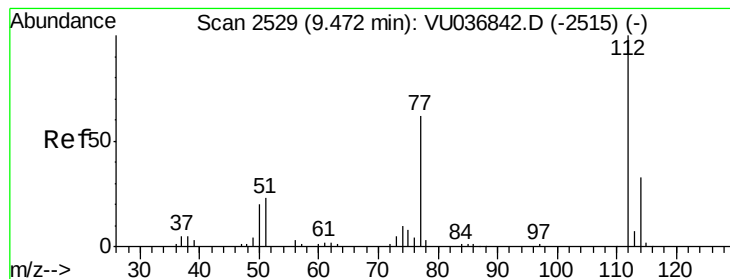
#50
1,2-Dibromoethane
Concen: 15.062 ug/L
RT: 8.95 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion: 107 Resp: 91749
Ion Ratio Lower Upper
107 100
109 93.1 66.4 123.2
188 2.8 2.4 3.6



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V





#51

Chlorobenzene

Concen: 10.261 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

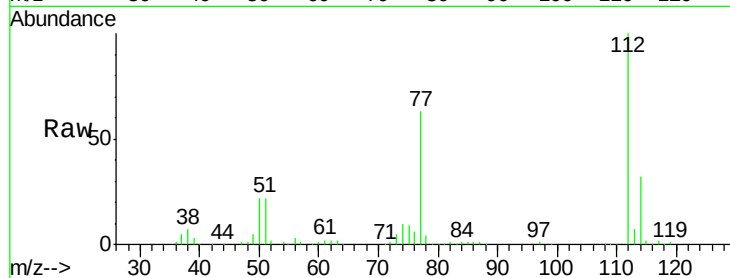
Tot Ion:112 Resp: 242045

Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

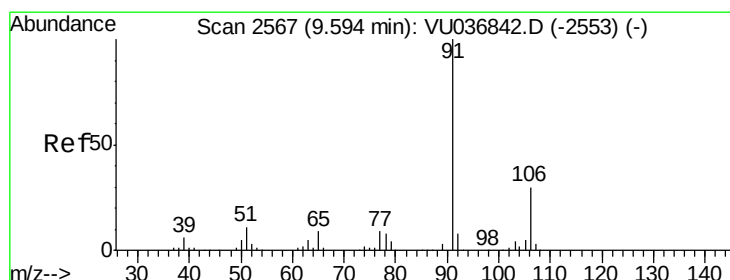
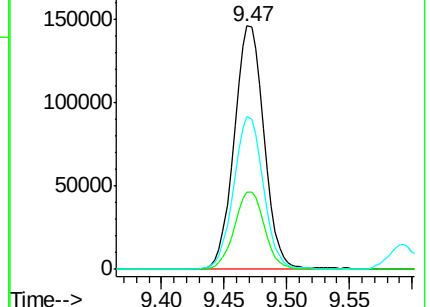
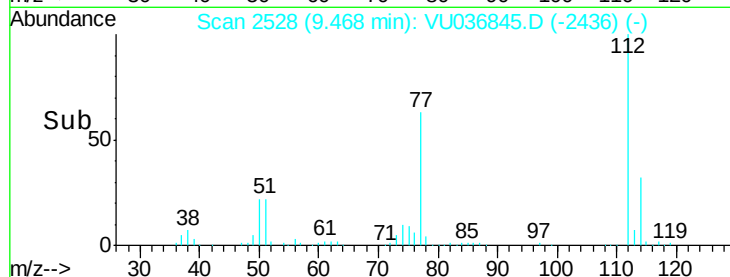
77 62.6 51.0 76.4



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: 6.131 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036845.D

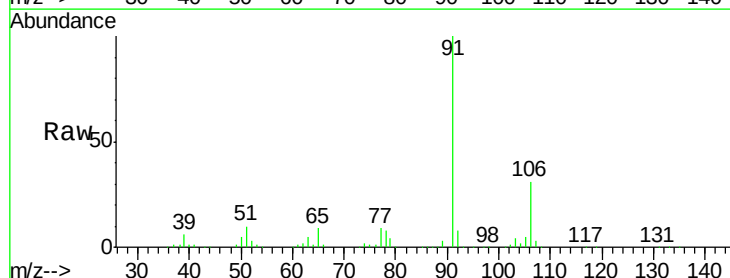
Acq: 19 Feb 2020 13:21

Tgt Ion: 91 Resp: 261121

Ion Ratio Lower Upper

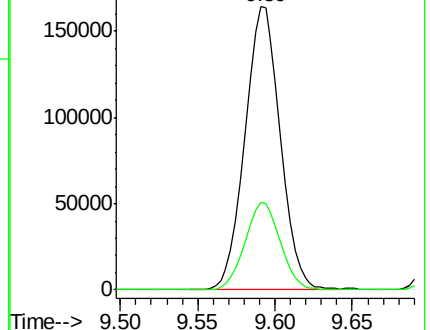
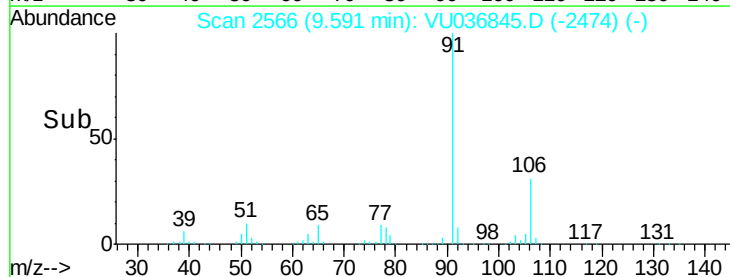
91 100

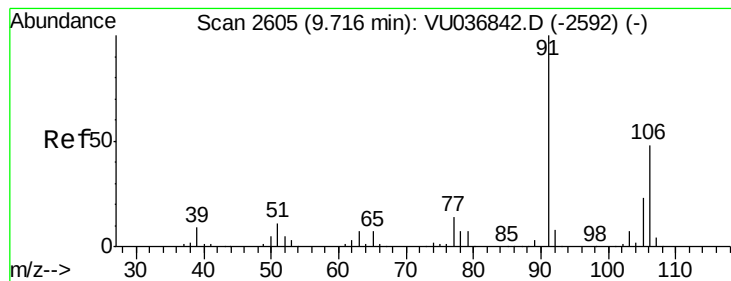
106 30.8 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 12.645 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

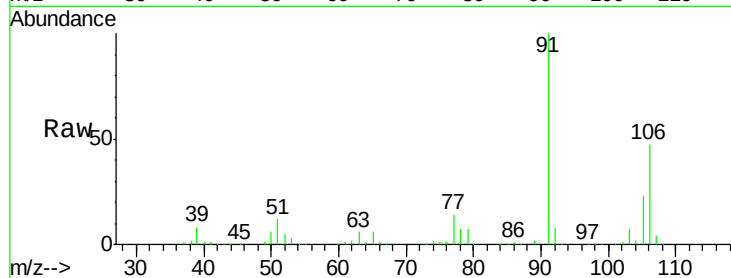
DBDJ1

Tot Ion:106 Resp: 198189

Ion Ratio Lower Upper

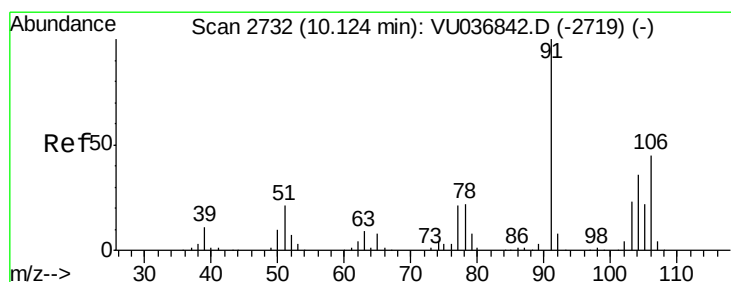
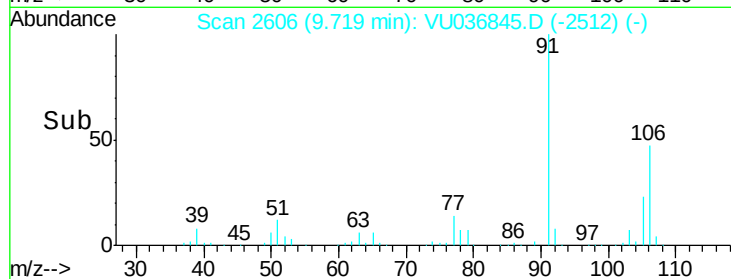
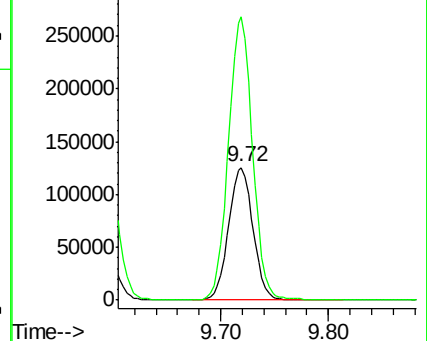
106 100

91 213.1 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 5.139 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036845.D

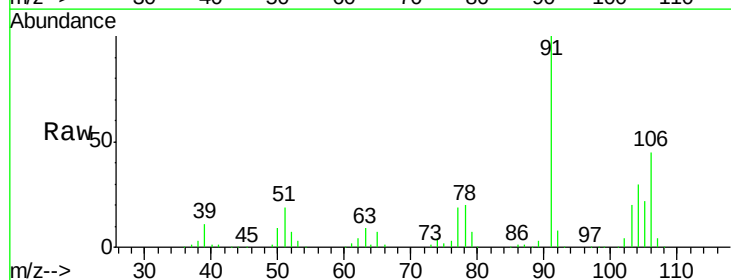
Acq: 19 Feb 2020 13:21

Tgt Ion:106 Resp: 79092

Ion Ratio Lower Upper

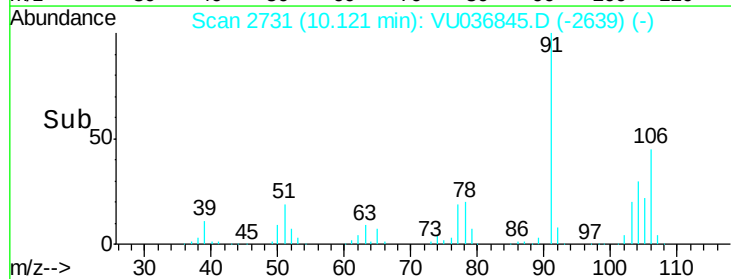
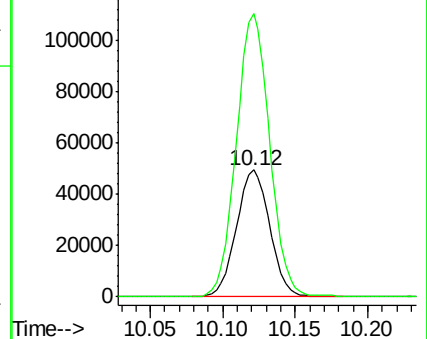
106 100

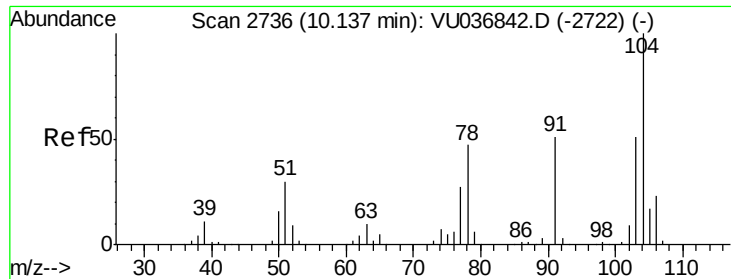
91 223.2 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 4.988 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

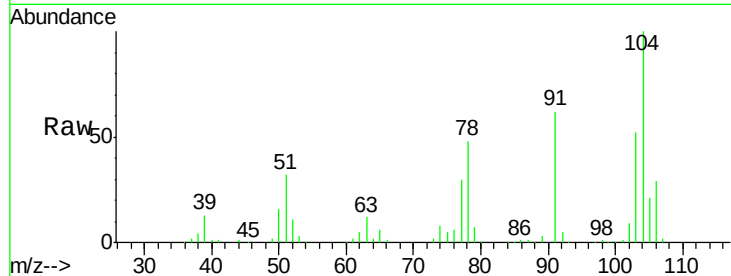
DBDJ1

Tot Ion:104 Resp: 129416

Ion Ratio Lower Upper

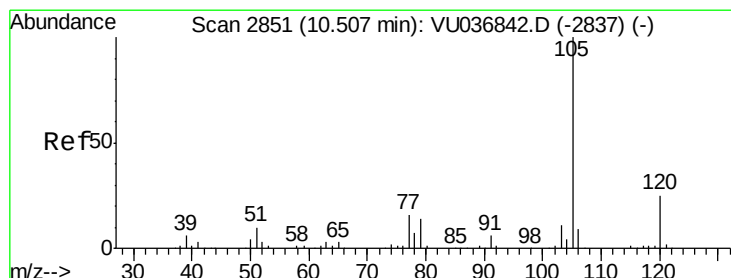
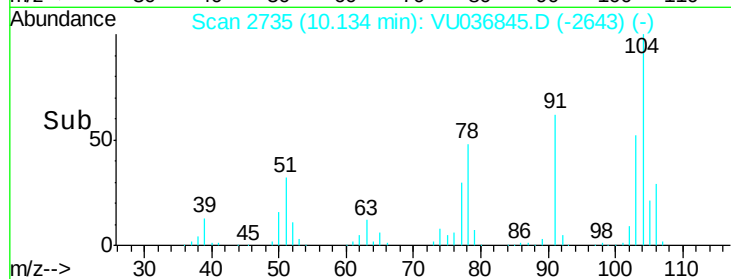
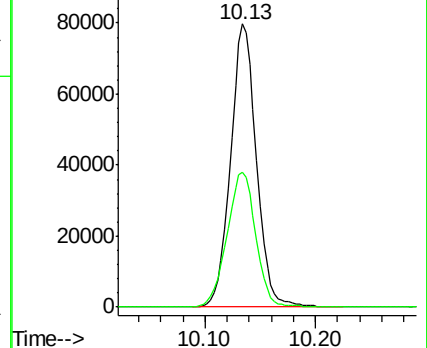
104 100

78 47.9 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 3.104 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

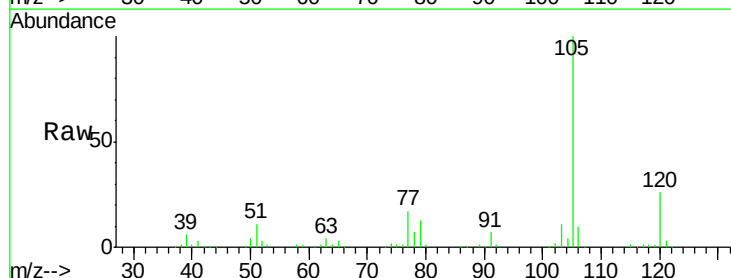
Tgt Ion:105 Resp: 127859

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

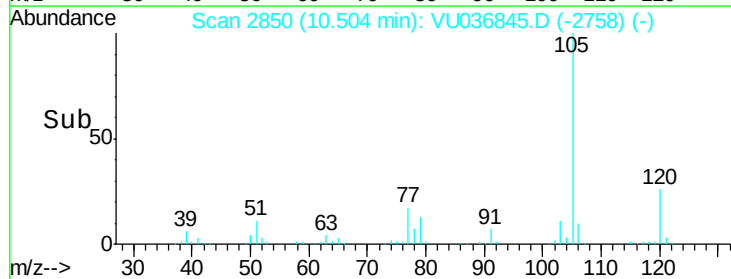
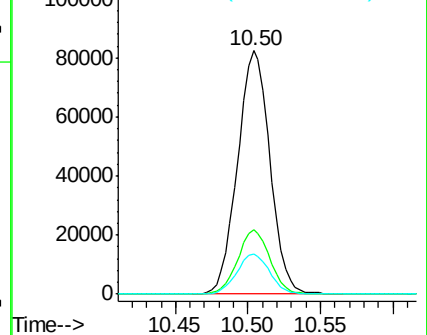
77 16.8 13.0 19.6

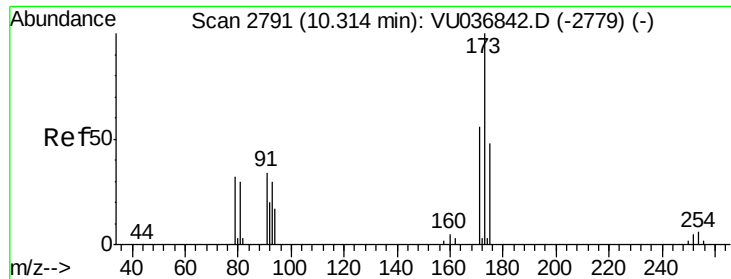


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#61

Bromoform

Concen: 4.989 ug/L

RT: 10.31 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

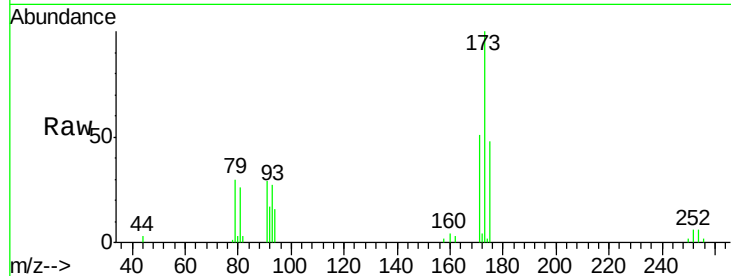
Tot Ion:173 Resp: 16728

Ion Ratio Lower Upper

173 100

175 47.7 39.9 59.9

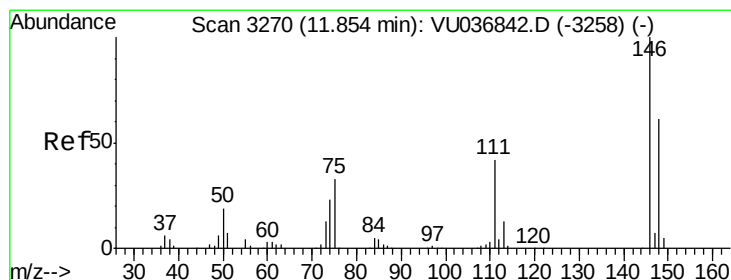
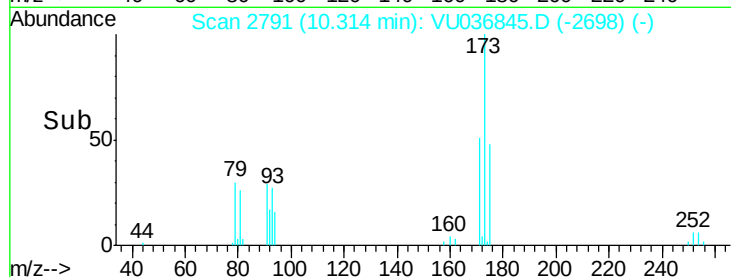
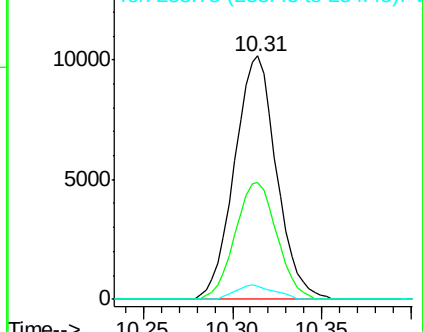
254 5.5 4.6 6.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,4-Dichlorobenzene

Concen: 4.094 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

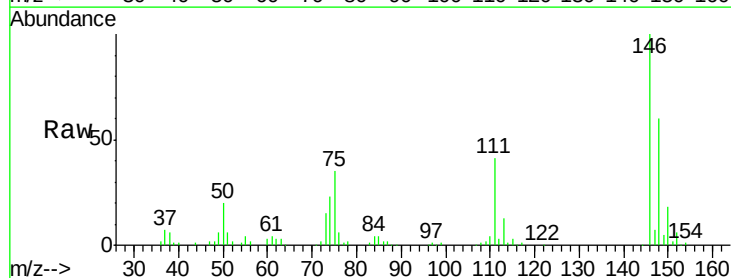
Tgt Ion:146 Resp: 68047

Ion Ratio Lower Upper

146 100

111 41.0 29.2 54.2

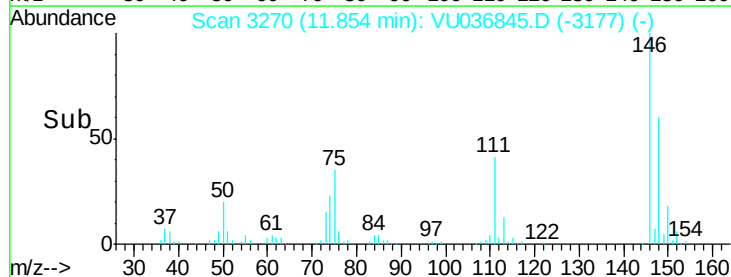
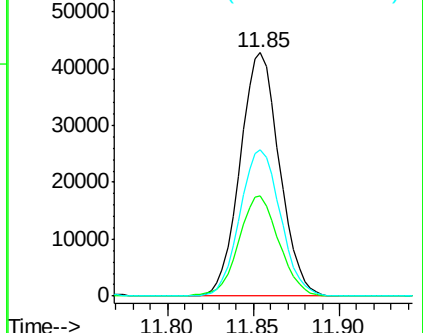
148 60.0 44.3 82.3

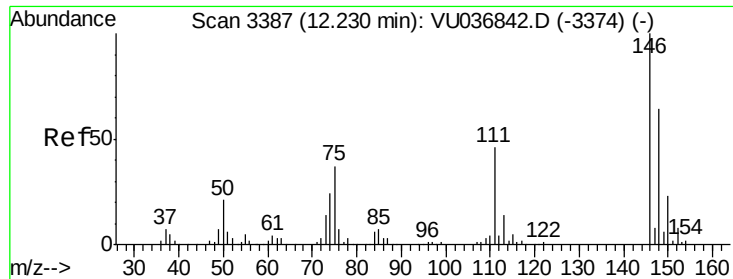


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 11.306 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

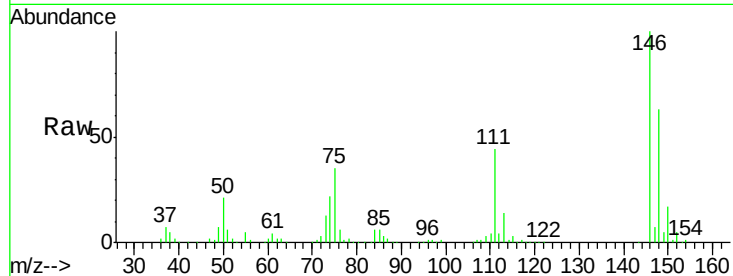
Tot Ion:146 Resp: 182765

Ion Ratio Lower Upper

146 100

111 44.3 35.9 53.9

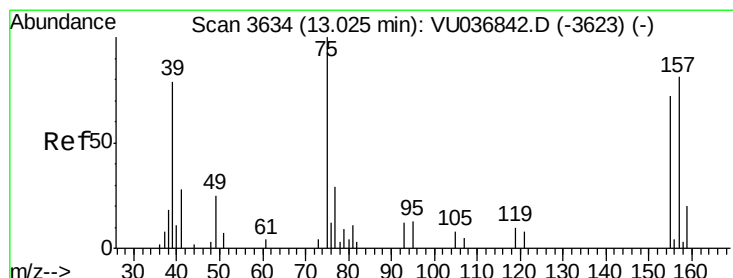
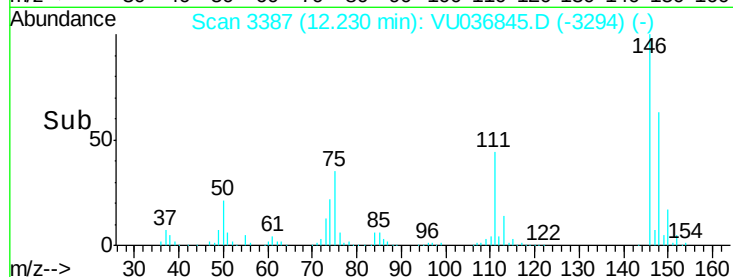
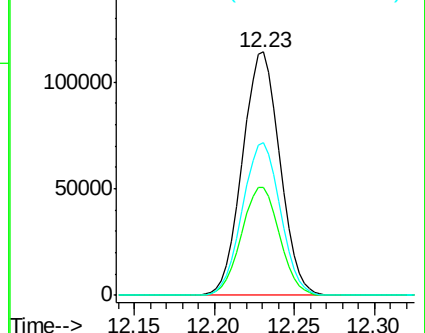
148 62.7 50.4 75.6



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



#66

1,2-Dibromo-3-chloropropane

Concen: 3.556 ug/L

RT: 13.02 min Scan# 3633

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

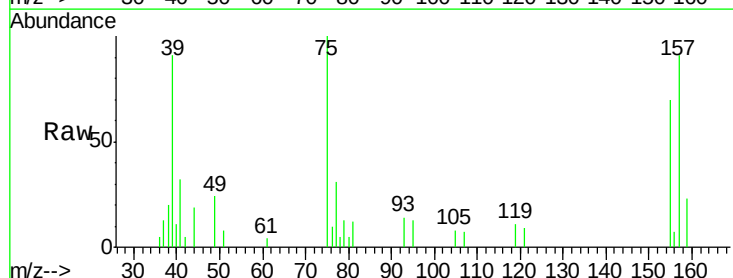
Tgt Ion: 75 Resp: 4290

Ion Ratio Lower Upper

75 100

155 69.9 52.9 79.3

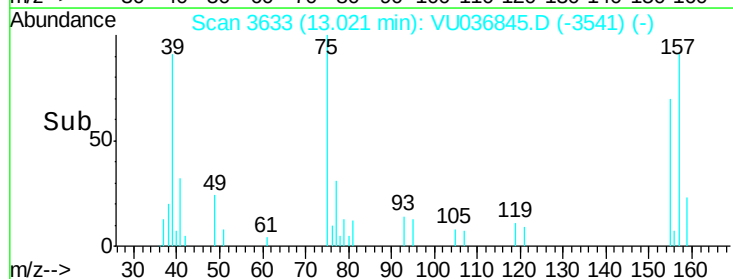
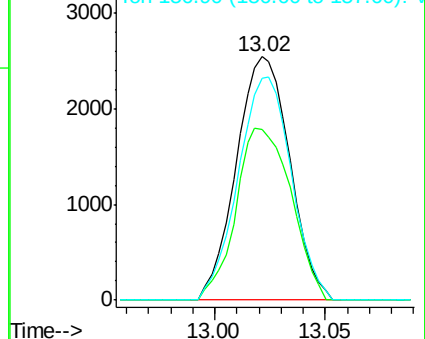
157 91.3 69.2 103.8

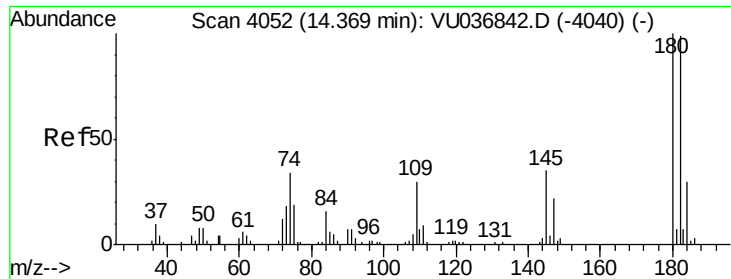


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#70

1,2,3-Trichlorobenzene

Concen: 9.060 ug/L

RT: 14.37 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VU036845.D

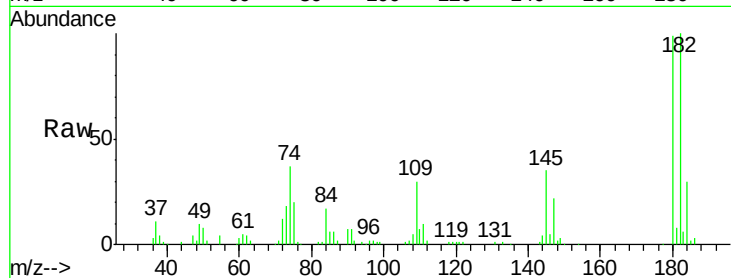
Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1



Tot Ion:180 Resp: 72378

Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.4

145 34.0 27.0 40.6

