

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037502.D
 Acq On : 31 Mar 2020 17:42
 Operator : JC/MD
 Sample : L2065-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW5

Quant Time: Apr 01 01:44:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	115014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	108481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34166	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.93	69	29625	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.59	63	71168	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.67	46	110375	42.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	5.11	84	68665	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	37491	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.76	84	131548	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.73	67	43485	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.92	98	118916	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.20	79	19180	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.66	63	93072	43.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37289	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	41094	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	22548	2.592	ug/L	97
3) Chloromethane	1.53	50	59235	6.788	ug/L	97
5) Vinyl chloride	1.62	62	46739	4.964	ug/L	95
6) Bromomethane	1.87	94	20411	4.262	ug/L	92
8) Chloroethane	1.95	64	24129	4.471	ug/L	95
9) Trichlorofluoromethane	2.16	101	119708	9.137	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	32813	4.330	ug/L	99
12) 1,1-Dichloroethene	2.60	96	41221	5.348	ug/L	96
16) Methylene chloride	3.08	84	26440	3.073	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	106710	5.013	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	50551	6.275	ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	53043	5.922	ug/L	98
23) Bromochloromethane	5.02	128	7257	1.964	ug/L	92
25) Chloroform	5.13	83	68054	4.421	ug/L	98
27) 1,2-Dichloroethane	5.83	62	48075	4.614	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	64602	4.694	ug/L	97
31) Carbon tetrachloride	5.56	117	55516	4.895	ug/L	99

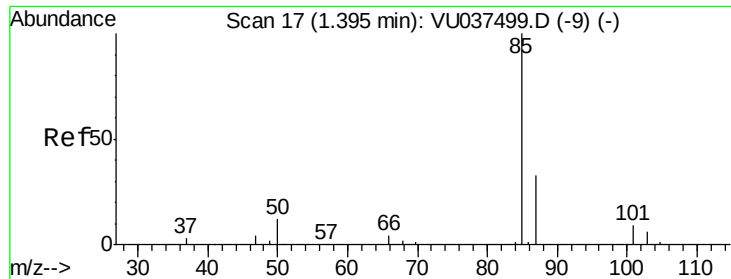
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	71195	7.913	ug/L	97
37) 1,2-Dichloropropane	6.83	63	43273	4.831	ug/L	100
38) Bromodichloromethane	7.14	83	23582	1.992	ug/L #	96
39) cis-1,3-Dichloropropene	7.64	75	25300	1.817	ug/L	99
42) Toluene	8.00	91	103798	2.914	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	48182	7.541	ug/L	94
47) Tetrachloroethene	8.58	164	30282	5.129	ug/L	98
49) Dibromochloromethane	8.83	129	43706	5.588	ug/L	88
52) Ethylbenzene	9.59	91	395688	9.560	ug/L	99
54) o-Xylene	10.12	106	43318	2.970	ug/L	93
55) Styrene	10.13	104	69939	2.755	ug/L	99
56) Isopropylbenzene	10.50	105	274342	6.968	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	37360	4.304	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	34363	1.992	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	31774	1.957	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 2.592 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

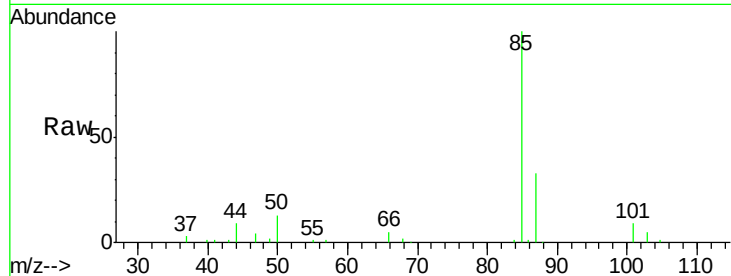
DBEW5

Tot Ion: 85 Resp: 22548

Ion Ratio Lower Upper

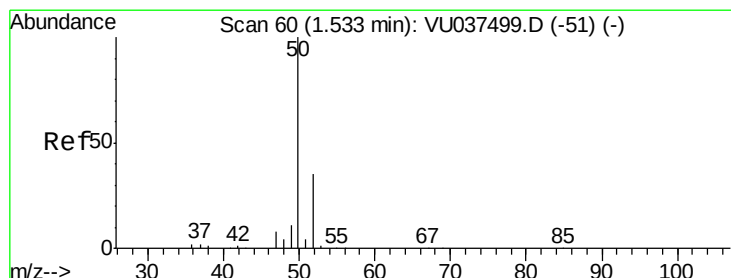
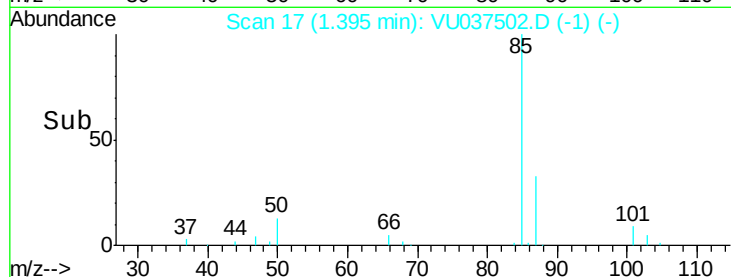
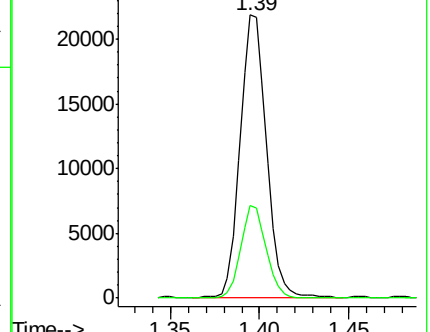
85 100

87 31.1 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU037499.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU037499.D (-9) (-)



#3

Chloromethane

Concen: 6.788 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037502.D

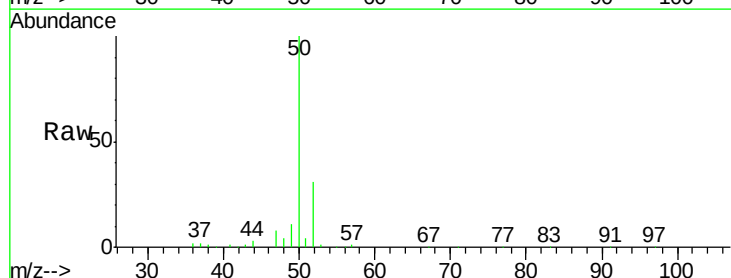
Acq: 31 Mar 2020 17:42

Tgt Ion: 50 Resp: 59235

Ion Ratio Lower Upper

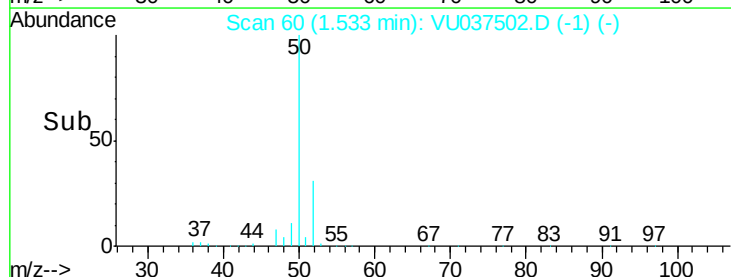
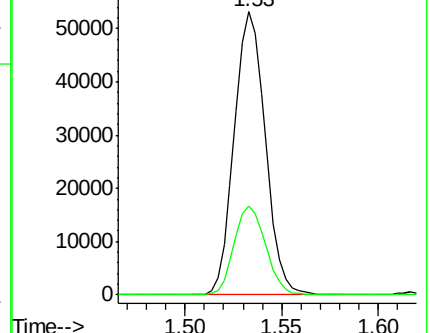
50 100

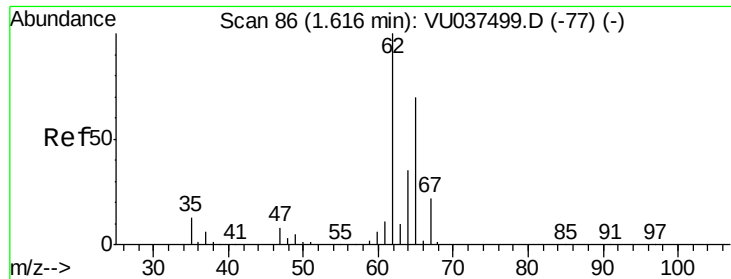
52 31.4 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VU037499.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU037499.D (-51) (-)





#5

Vinyl chloride

Concen: 4.964 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

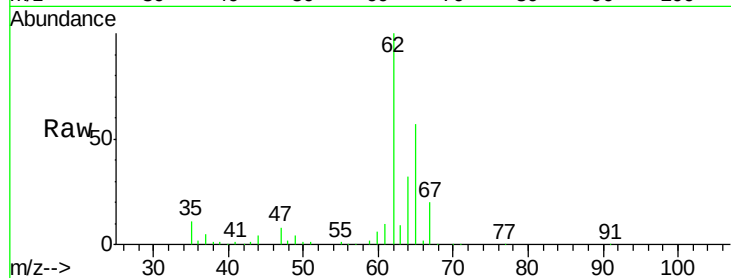
DBEW5

Tot Ion: 62 Resp: 46739

Ion Ratio Lower Upper

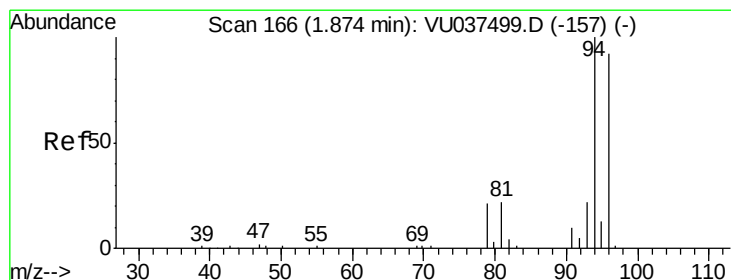
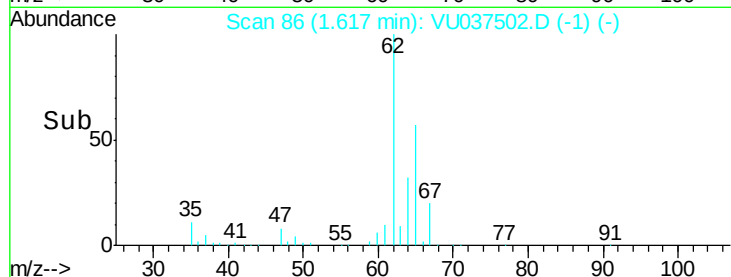
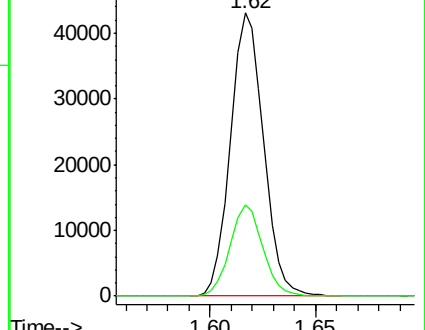
62 100

64 32.4 24.8 46.0



Abundance Ion 62.00 (61.70 to 62.70): VU037499.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU037499.D (-77) (-)



#6

Bromomethane

Concen: 4.262 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037502.D

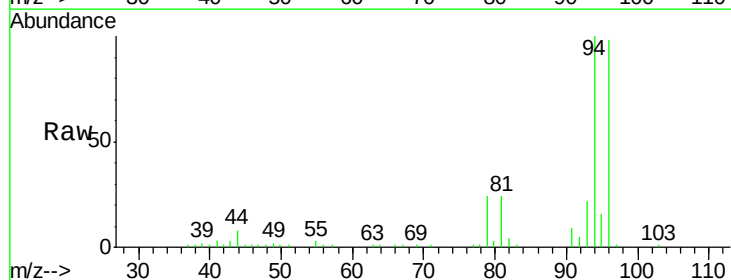
Acq: 31 Mar 2020 17:42

Tgt Ion: 94 Resp: 20411

Ion Ratio Lower Upper

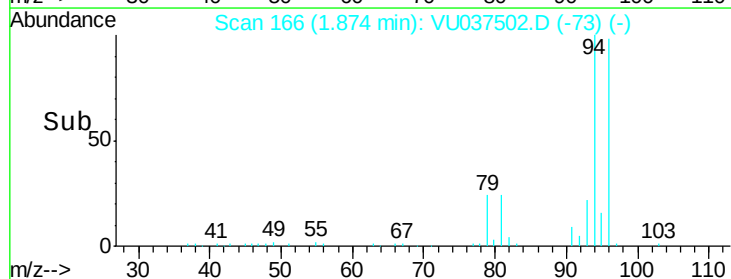
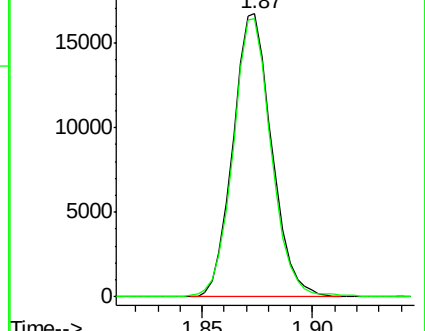
94 100

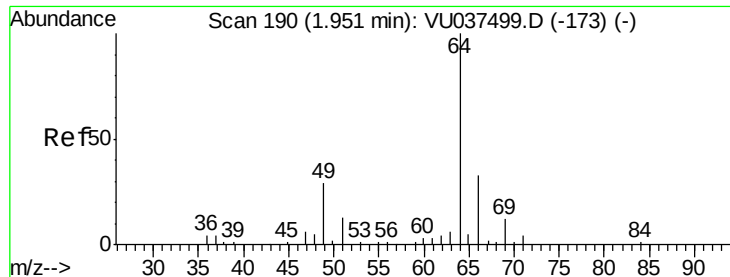
96 98.2 63.2 117.4



Abundance Ion 94.00 (93.70 to 94.70): VU037499.D (-157) (-)

Ion 96.00 (95.70 to 96.70): VU037499.D (-157) (-)





#8

Chloroethane

Concen: 4.471 ug/L

RT: 1.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

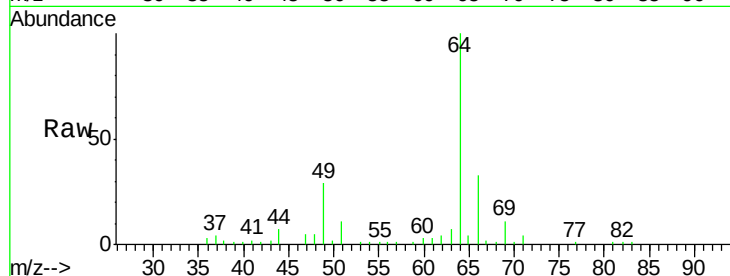
DBEW5

Tot Ion: 64 Resp: 24129

Ion Ratio Lower Upper

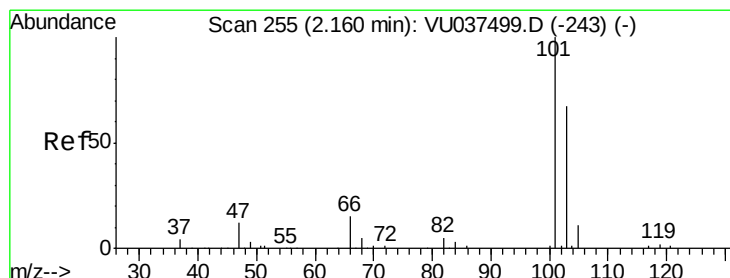
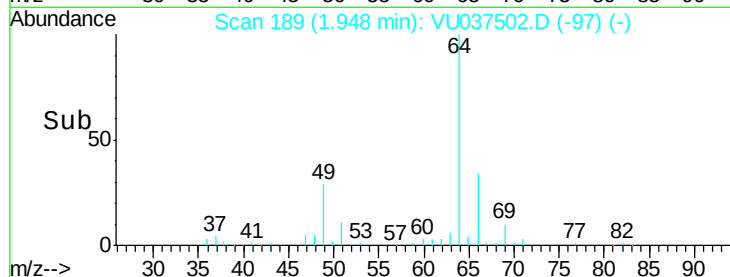
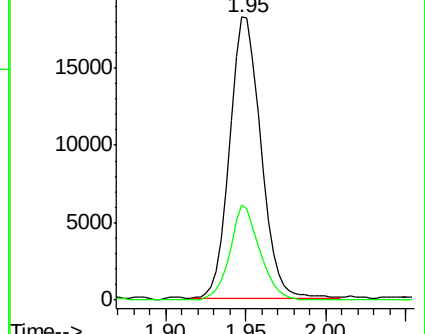
64 100

66 33.5 21.6 40.2



Abundance Ion 64.10 (63.80 to 64.80): VU037499.D (-173) (-)

Ion 66.05 (65.75 to 66.75): VU037499.D (-173) (-)



#9

Trichlorofluoromethane

Concen: 9.137 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU037502.D

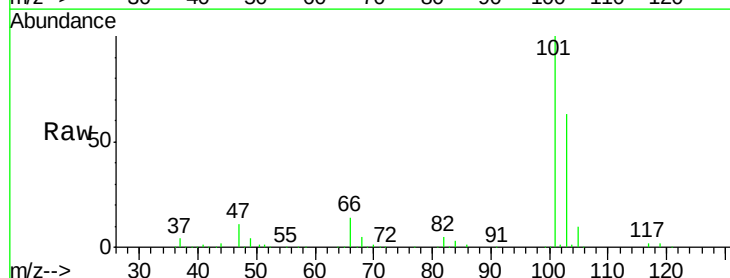
Acq: 31 Mar 2020 17:42

Tgt Ion:101 Resp: 119708

Ion Ratio Lower Upper

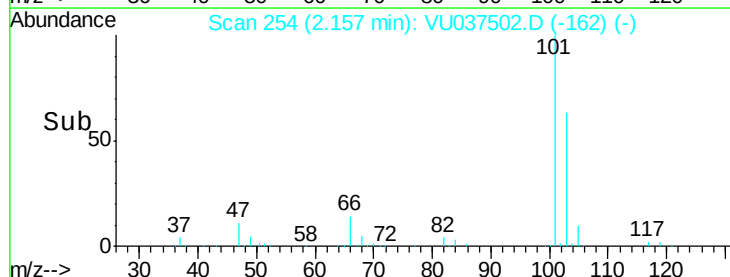
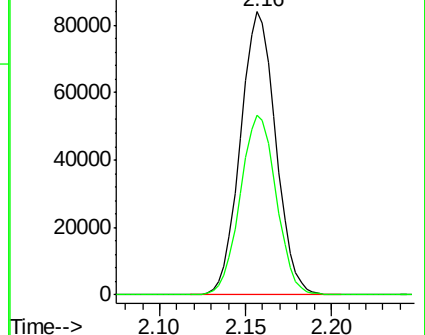
101 100

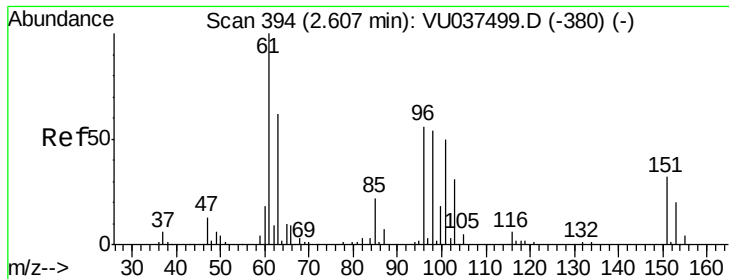
103 64.8 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU037499.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU037499.D (-243) (-)





#10

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

Concen: 4.330 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW5

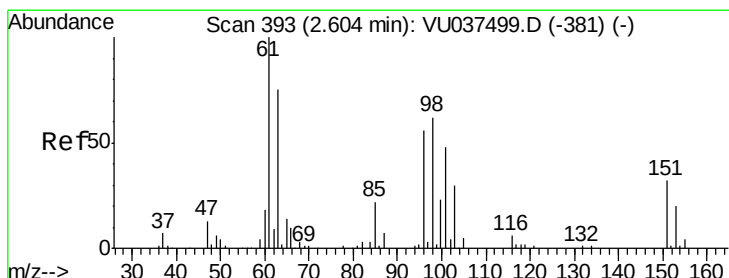
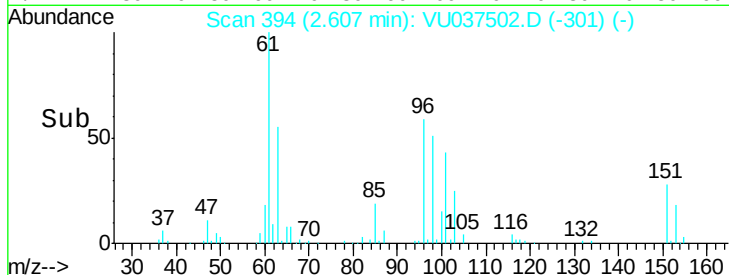
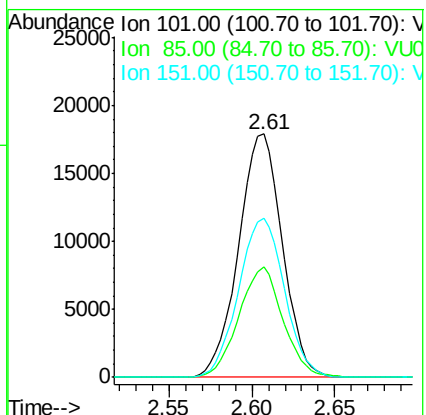
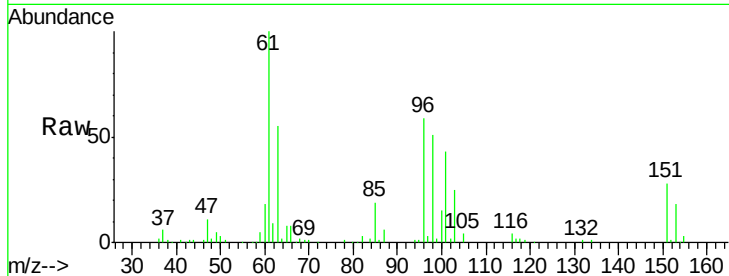
Tot Ion:101 Resp: 32813

Ion Ratio Lower Upper

101 100

85 45.8 36.6 54.8

151 68.6 55.9 83.9



#12

1,1-Dichloroethene

Concen: 5.348 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

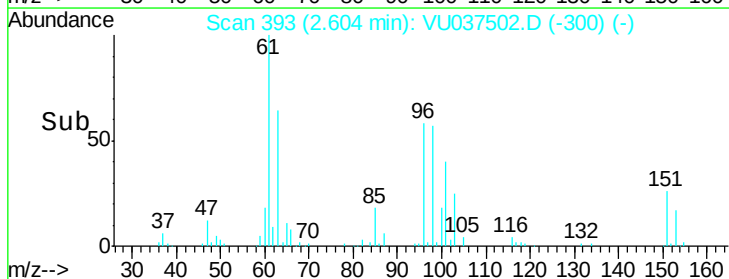
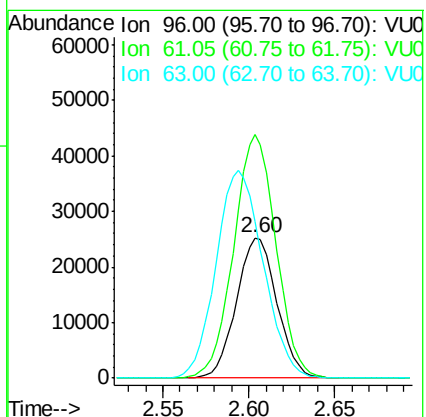
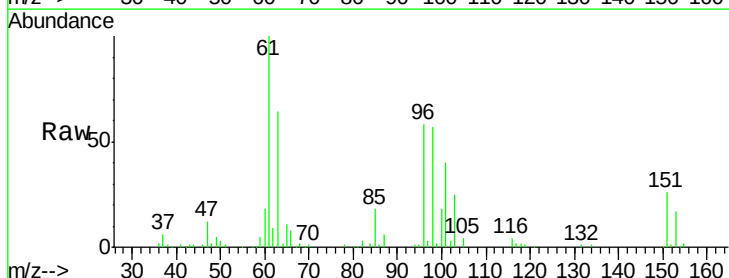
Tgt Ion: 96 Resp: 41221

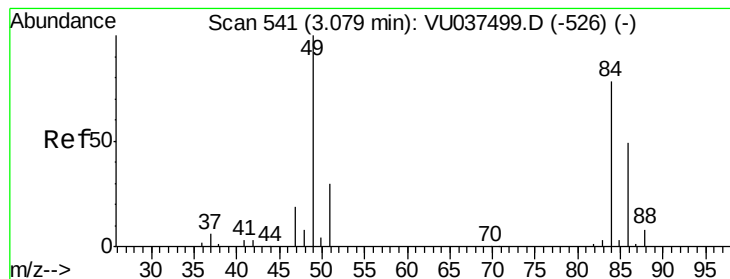
Ion Ratio Lower Upper

96 100

61 173.3 116.2 215.8

63 111.6 79.2 147.0





#16

Methylene chloride

Concen: 3.073 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampled :

DBEW5

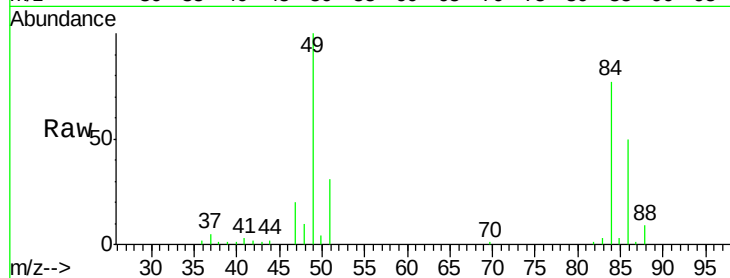
Tot Ion: 84 Resp: 26440

Ion Ratio Lower Upper

84 100

86 65.5 44.7 82.9

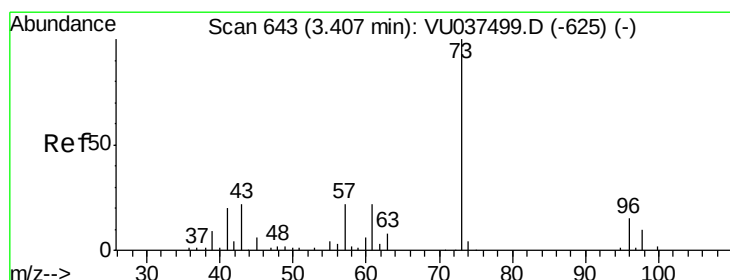
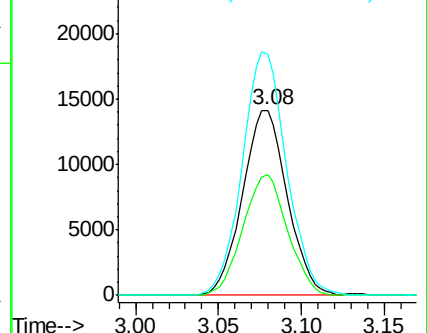
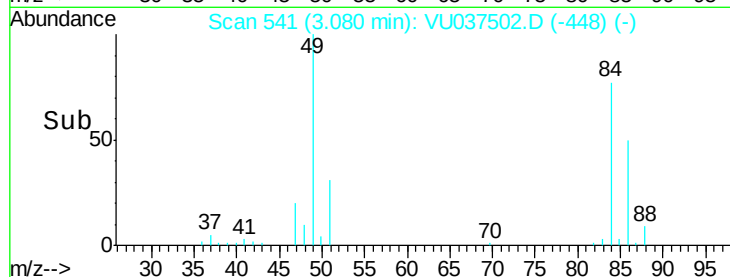
49 130.5 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU037502.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU037502.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU037502.D (-448) (-)



#17

Methyl tert-butyl Ether

Concen: 5.013 ug/L

RT: 3.40 min Scan# 642

Delta R.T. -0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

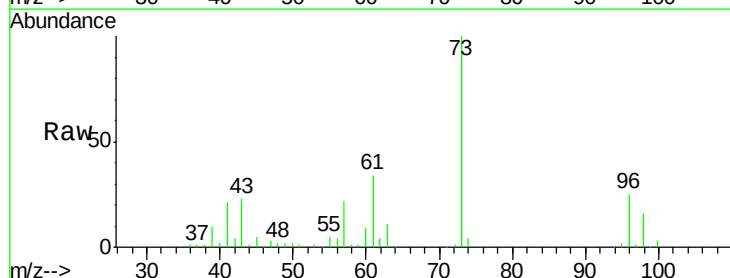
Tgt Ion: 73 Resp: 106710

Ion Ratio Lower Upper

73 100

43 22.2 17.4 26.2

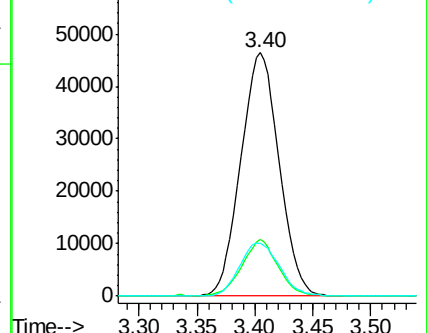
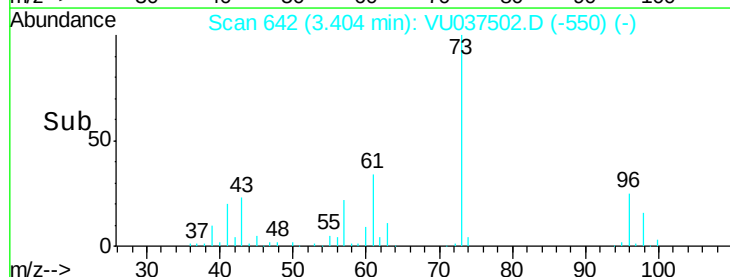
57 23.0 19.3 28.9

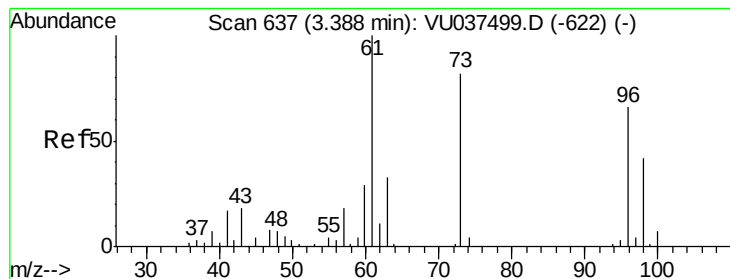


Abundance Ion 73.10 (72.80 to 73.80): VU037502.D (-550) (-)

Ion 43.05 (42.75 to 43.75): VU037502.D (-550) (-)

Ion 57.10 (56.80 to 57.80): VU037502.D (-550) (-)





#18

trans-1,2-Dichloroethene

Concen: 6.275 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW5

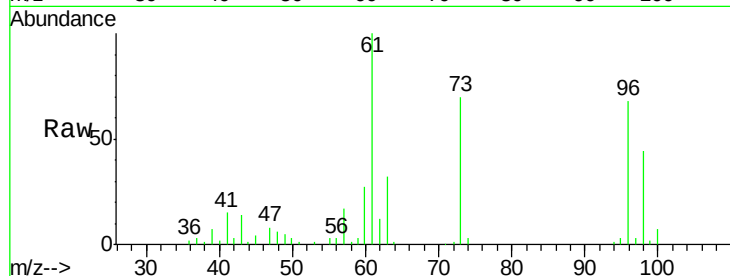
Tot Ion: 96 Resp: 50551

Ion Ratio Lower Upper

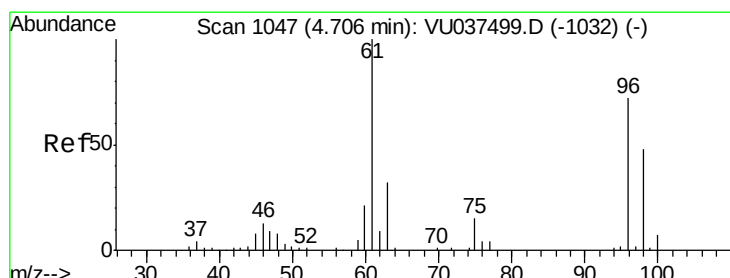
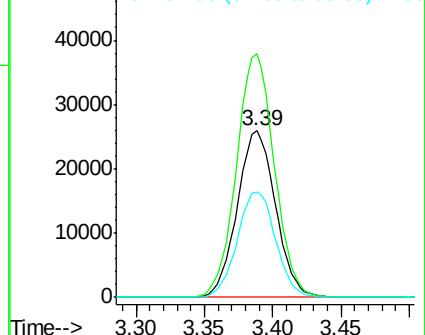
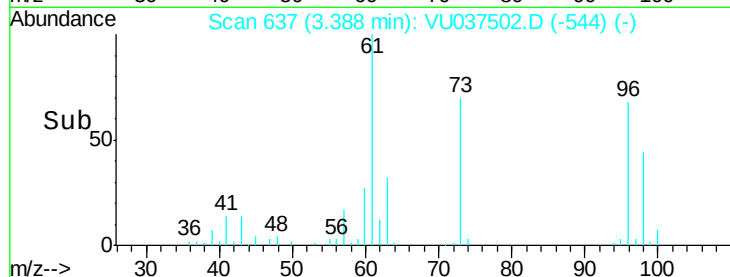
96 100

61 146.4 105.3 195.6

98 63.7 42.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VU037502.D (-544) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.922 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

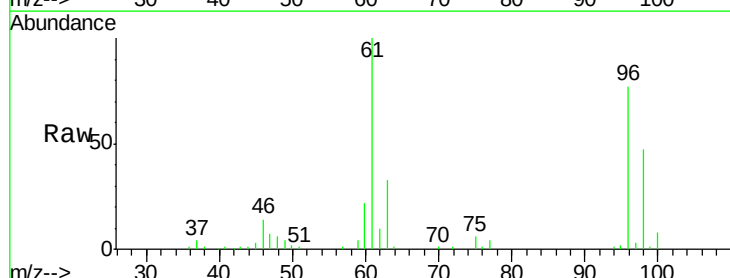
Tgt Ion: 96 Resp: 53043

Ion Ratio Lower Upper

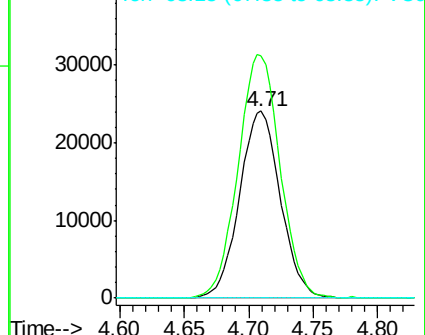
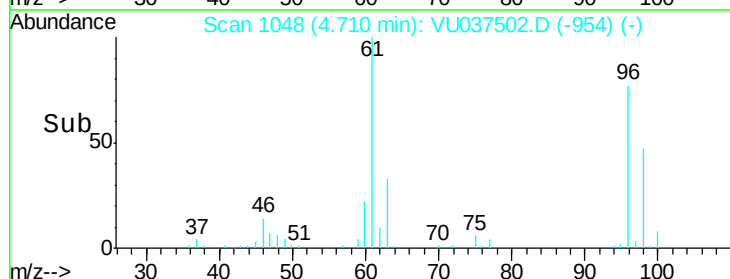
96 100

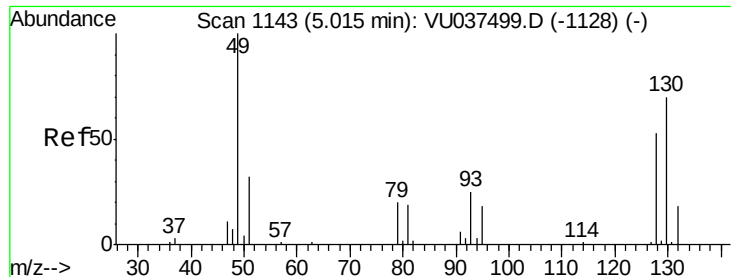
61 129.9 89.1 165.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037502.D (-954) (-)

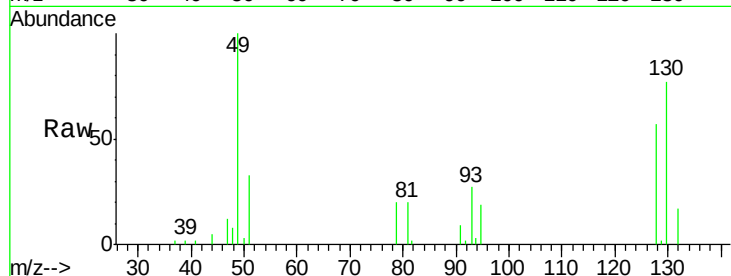




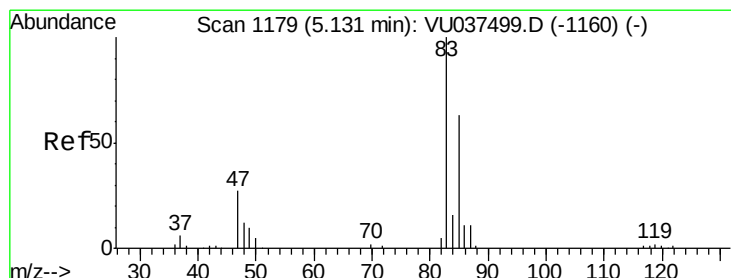
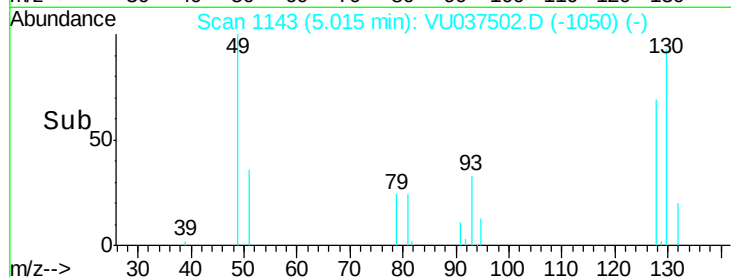
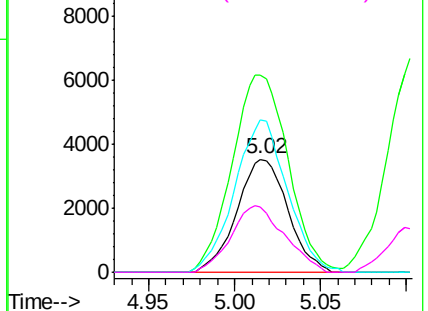
#23
Bromochloromethane
Concen: 1.964 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037502.D
Acq: 31 Mar 2020 17:42

Instrument :
MSVOA_U
ClientSampleId :
DBEW5

Tot Ion:128 Resp: 7257
Ion Ratio Lower Upper
128 100
49 174.5 132.4 245.8
130 134.6 88.6 164.6
51 57.3 45.4 68.0

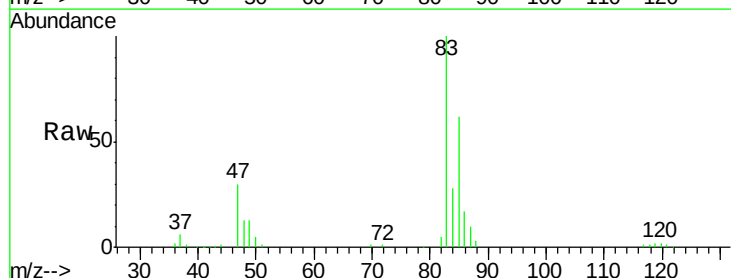


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VU0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VU0

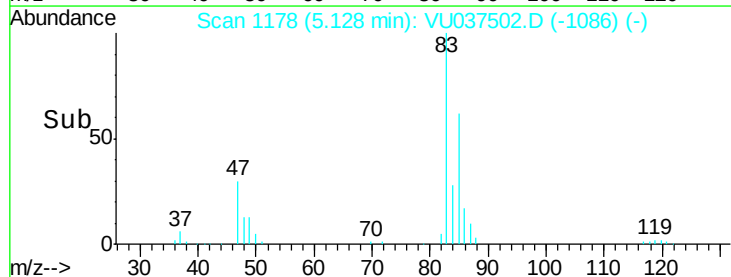
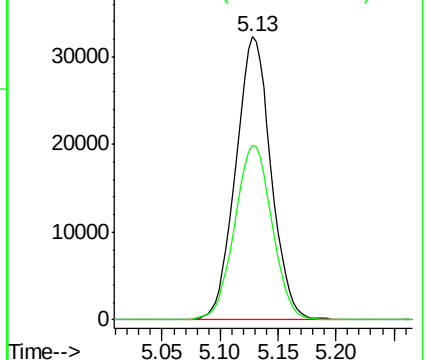


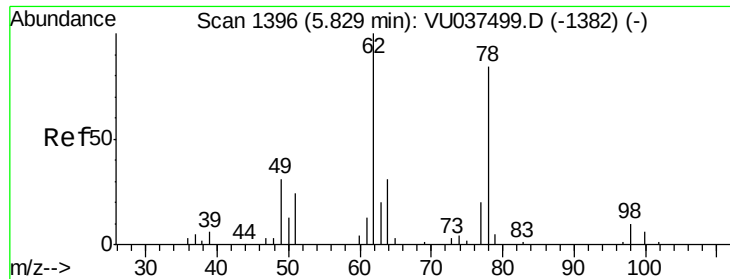
#25
Chloroform
Concen: 4.421 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037502.D
Acq: 31 Mar 2020 17:42

Tgt Ion: 83 Resp: 68054
Ion Ratio Lower Upper
83 100
85 61.8 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

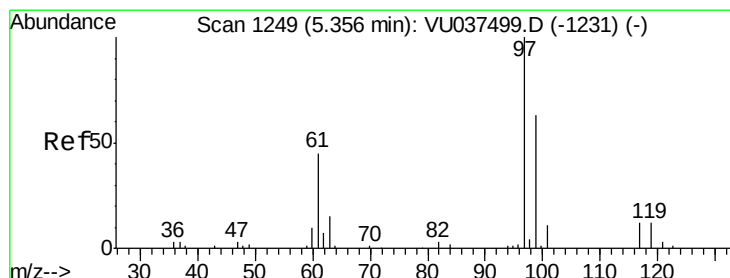
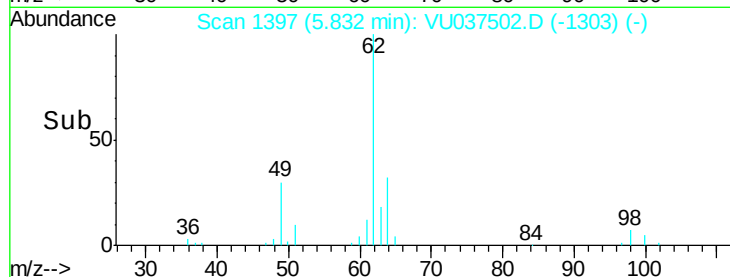
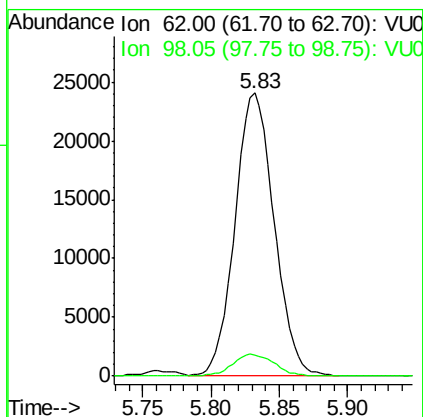
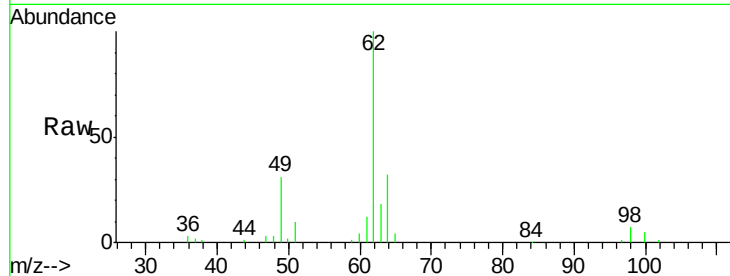




#27
 1,2-Dichloroethane
 Concen: 4.614 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

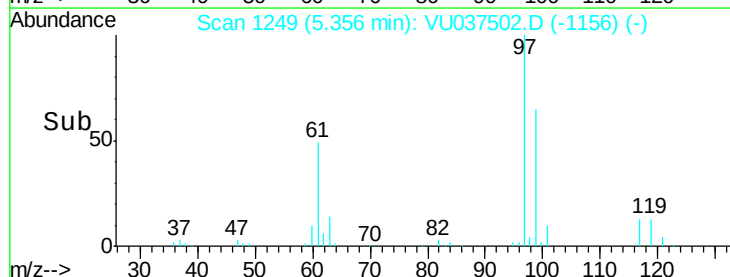
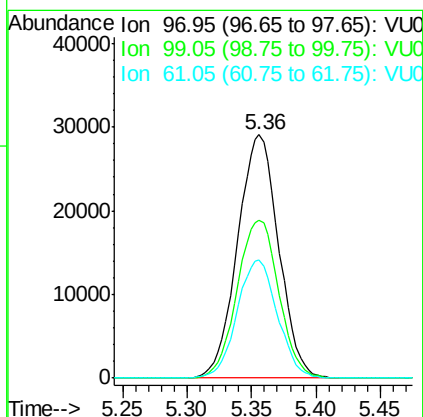
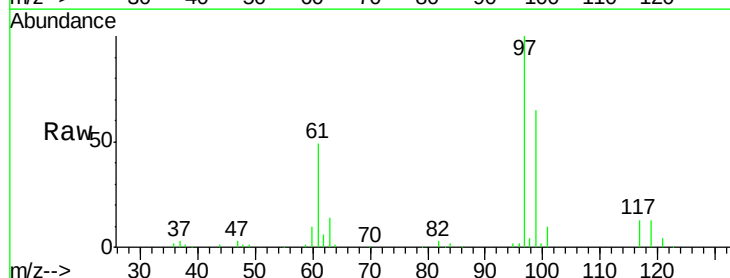
Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW5

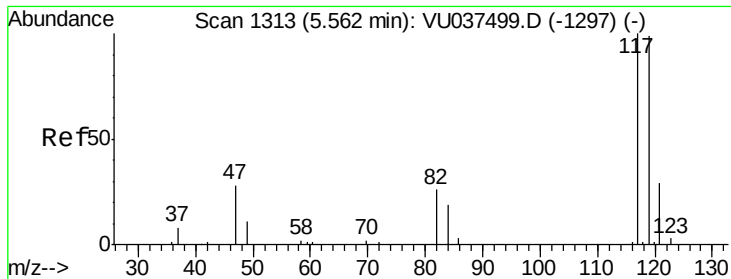
Tot Ion: 62 Resp: 48075
 Ion Ratio Lower Upper
 62 100
 98 7.4 6.3 9.5



#29
 1,1,1-Trichloroethane
 Concen: 4.694 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

Tgt Ion: 97 Resp: 64602
 Ion Ratio Lower Upper
 97 100
 99 65.6 50.9 76.3
 61 47.6 36.5 54.7





#31

Carbon tetrachloride

Concen: 4.895 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampled :

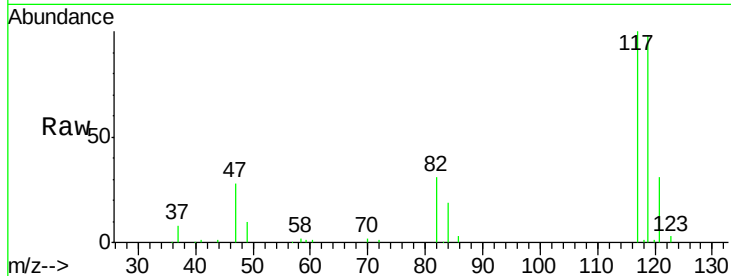
DBEW5

Tot Ion:117 Resp: 55516

Ion Ratio Lower Upper

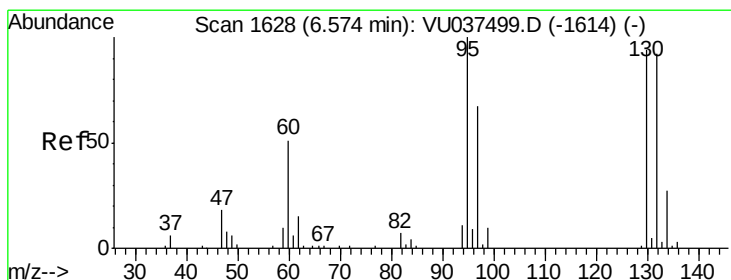
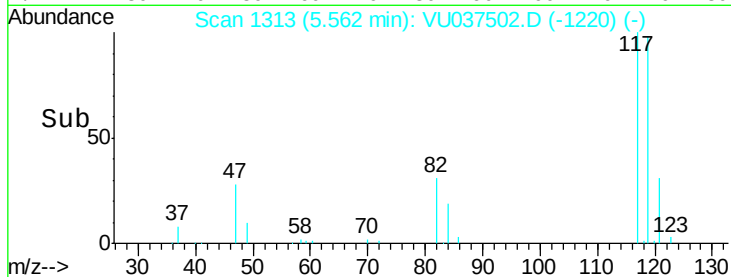
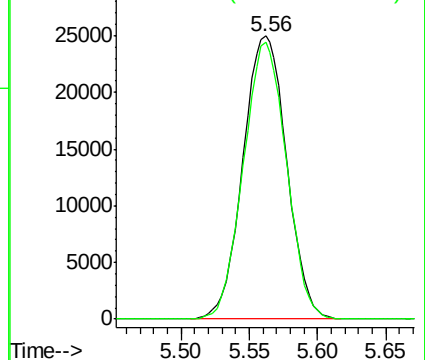
117 100

119 96.1 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.913 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Tgt Ion: 95 Resp: 71195

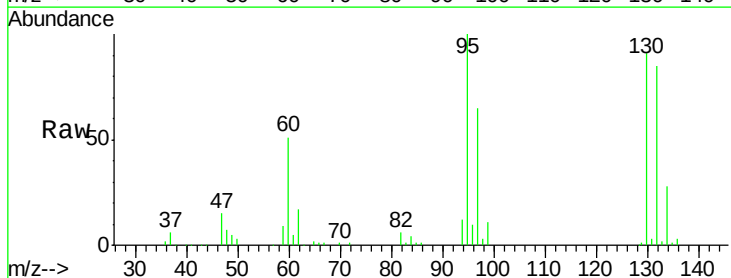
Ion Ratio Lower Upper

95 100

97 65.2 41.8 77.6

132 84.8 59.8 111.0

130 90.9 65.0 120.8

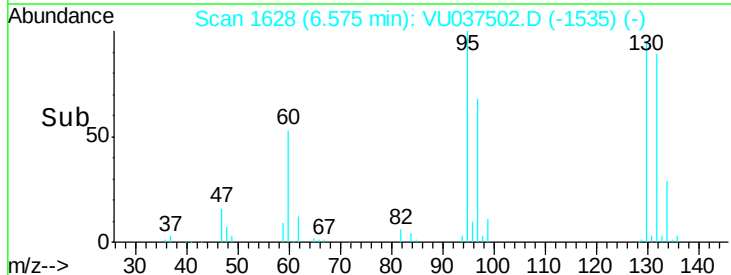
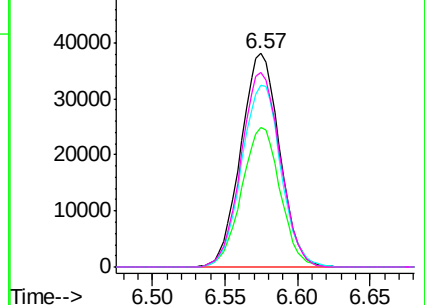


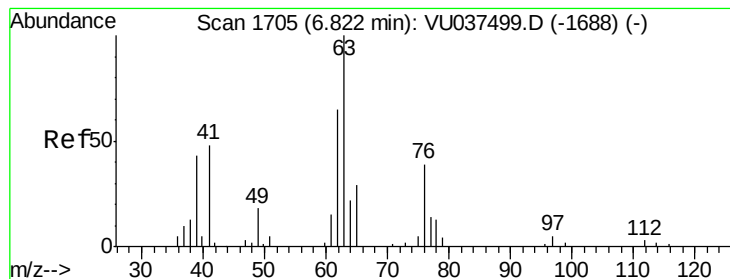
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#37

1,2-Dichloropropane

Concen: 4.831 ug/L

RT: 6.83 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

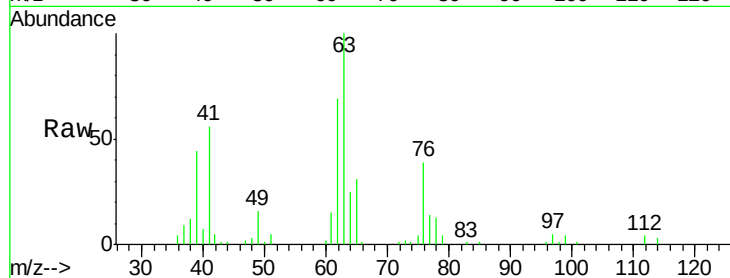
DBEW5

Tot Ion: 63 Resp: 43273

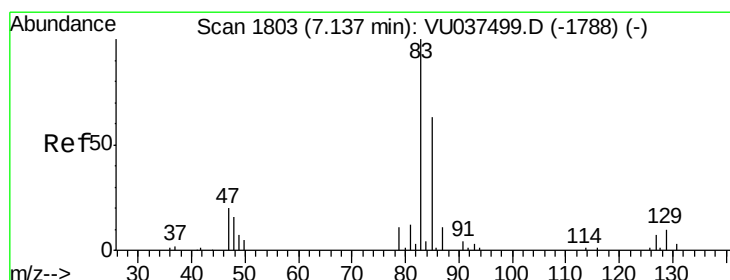
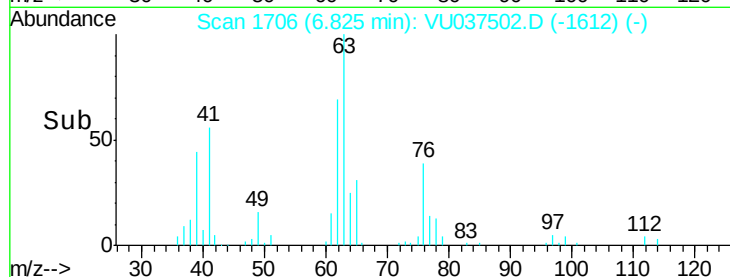
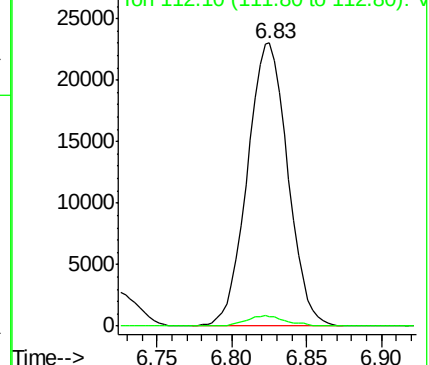
Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



Abundance Ion 63.10 (62.80 to 63.80): VU037499.D (-1688) (-)



#38

Bromodichloromethane

Concen: 1.992 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

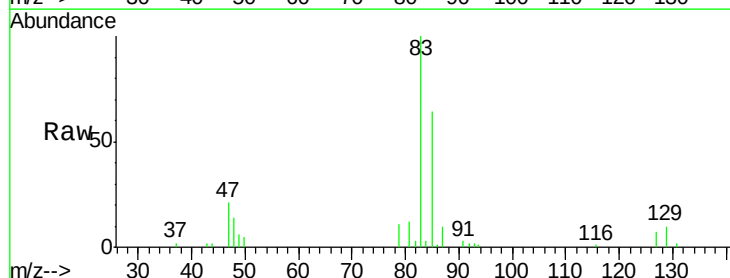
Tgt Ion: 83 Resp: 23582

Ion Ratio Lower Upper

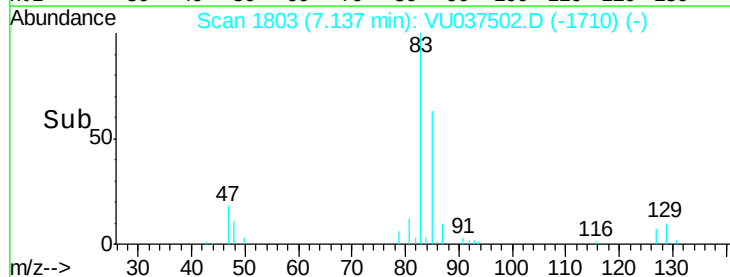
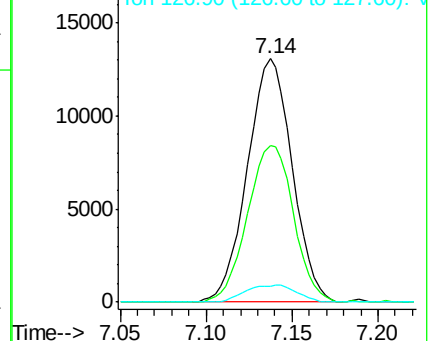
83 100

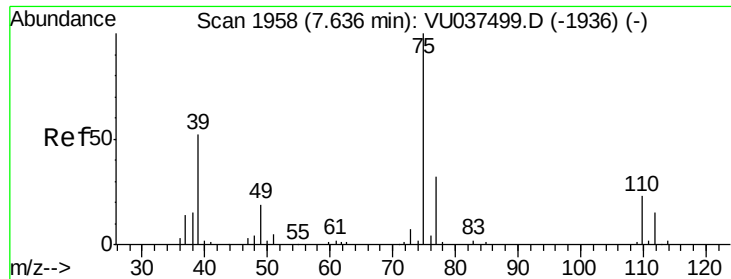
85 64.1 42.7 79.3

127 6.7 6.9 10.3#



Abundance Ion 82.95 (82.65 to 83.65): VU037499.D (-1788) (-)

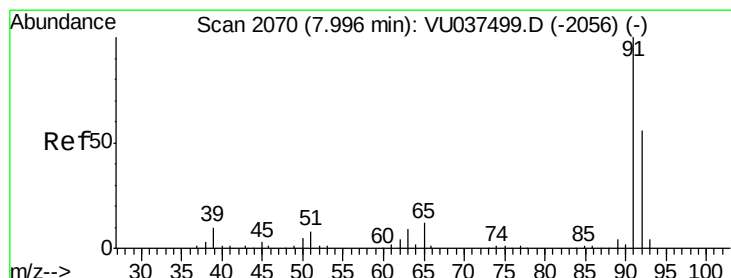
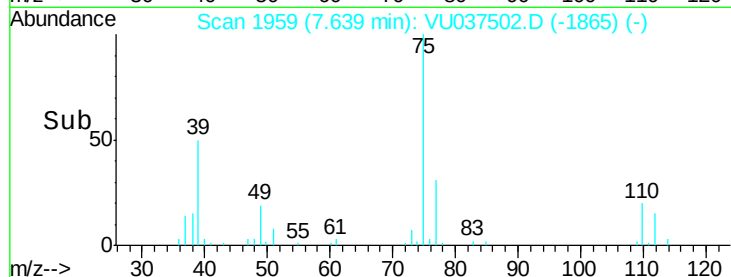
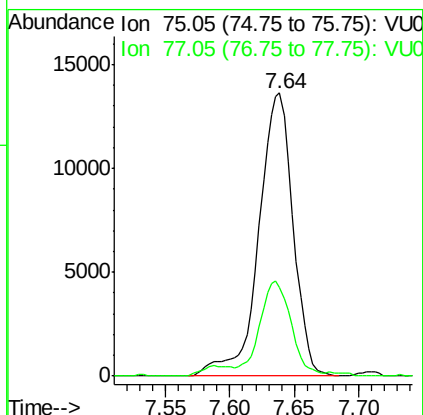
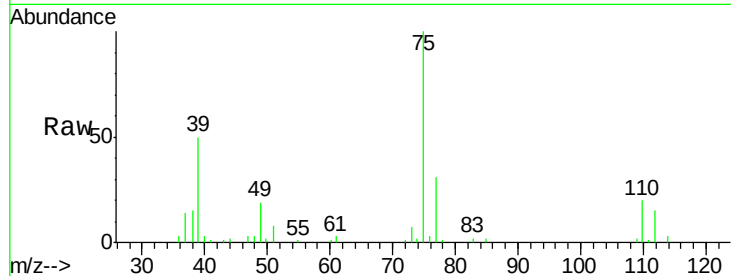




#39
 cis-1,3-Dichloropropene
 Concen: 1.817 ug/L
 RT: 7.64 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

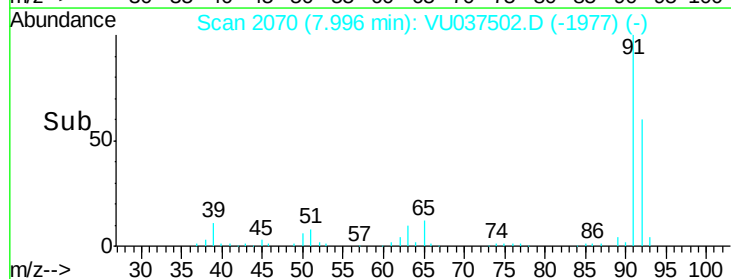
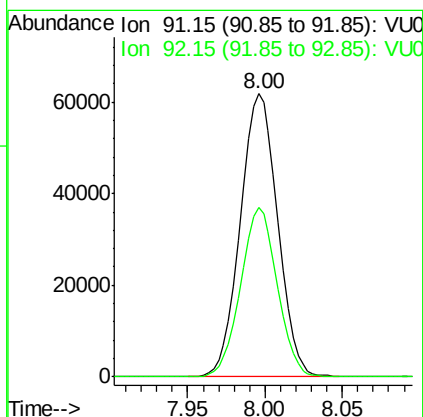
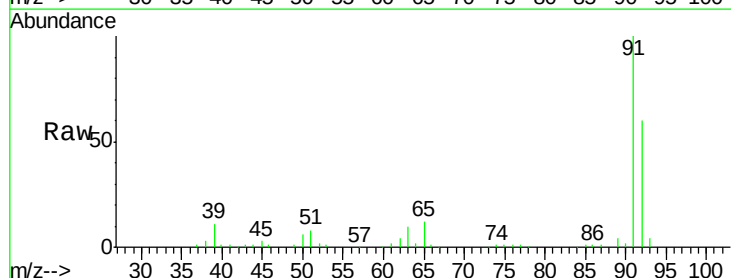
Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW5

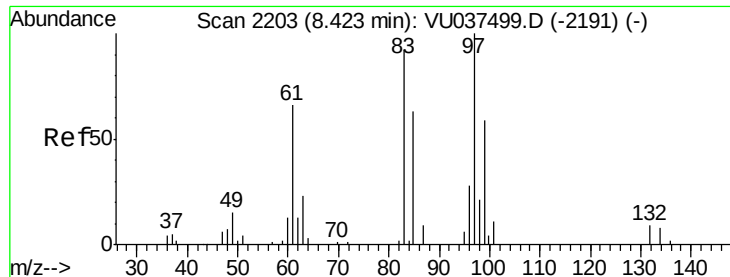
Tot Ion: 75 Resp: 25300
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.4 41.6



#42
 Toluene
 Concen: 2.914 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

Tgt Ion: 91 Resp: 103798
 Ion Ratio Lower Upper
 91 100
 92 59.7 40.2 74.6





#45

1,1,2-Trichloroethane

Concen: 7.541 ug/L

RT: 8.43 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW5

Tot Ion: 97 Resp: 48182

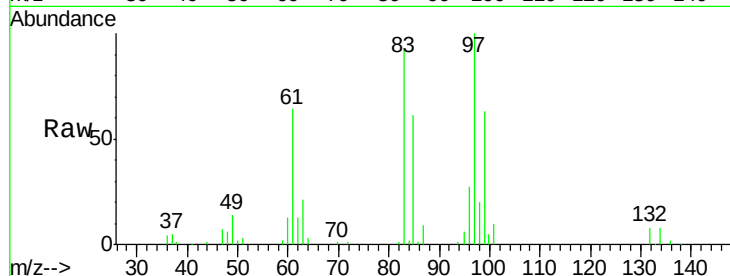
Ion Ratio Lower Upper

97 100

99 62.6 41.6 77.2

83 93.5 61.5 114.1

85 60.6 39.3 73.1

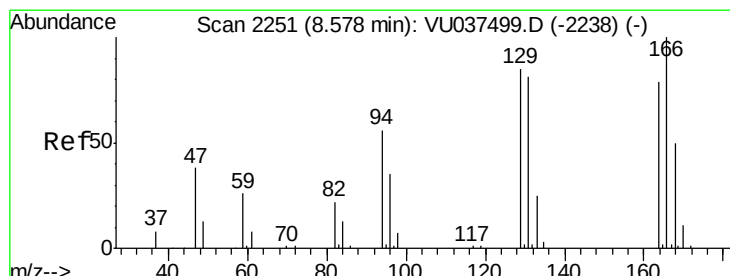
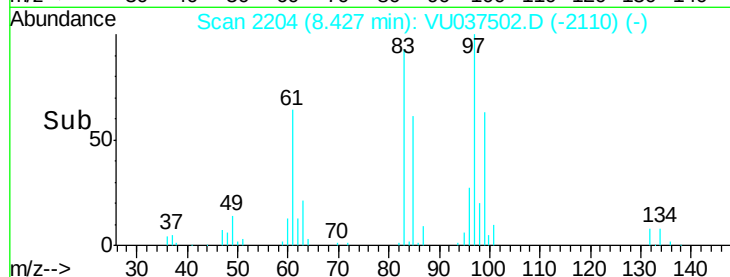
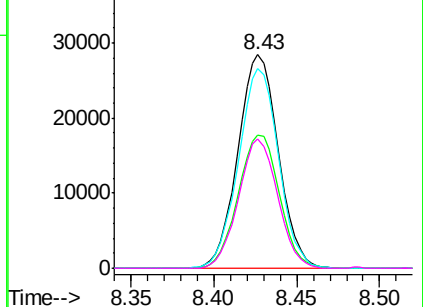


Abundance Ion 96.95 (96.65 to 97.65): VU0

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: 5.129 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Tgt Ion:164 Resp: 30282

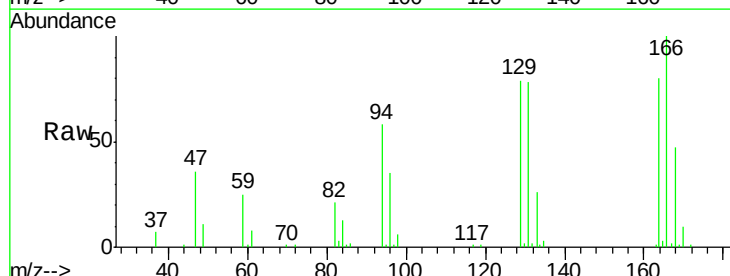
Ion Ratio Lower Upper

164 100

129 98.8 71.3 132.3

131 98.3 67.9 126.1

166 125.5 87.0 161.6

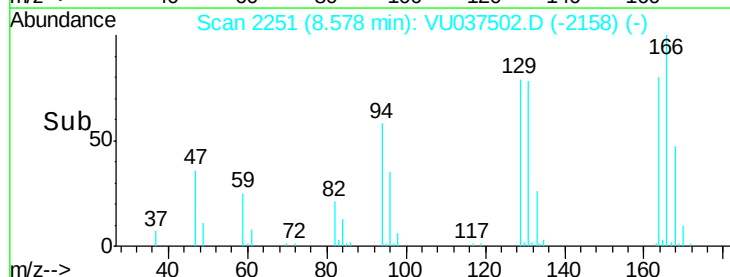
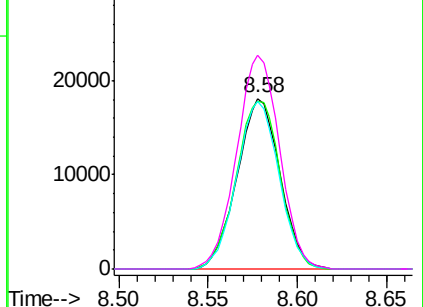


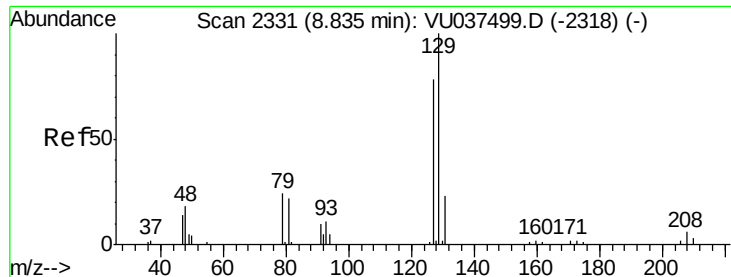
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 5.588 ug/L

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

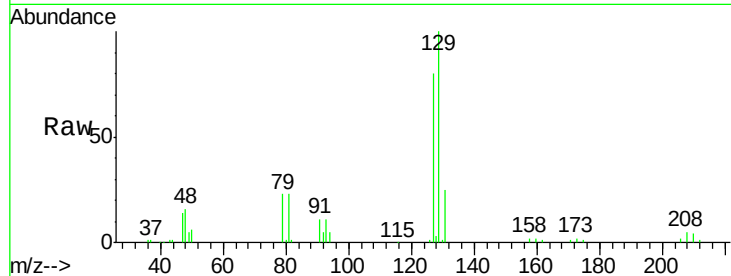
DBEW5

Tot Ion:129 Resp: 43706

Ion Ratio Lower Upper

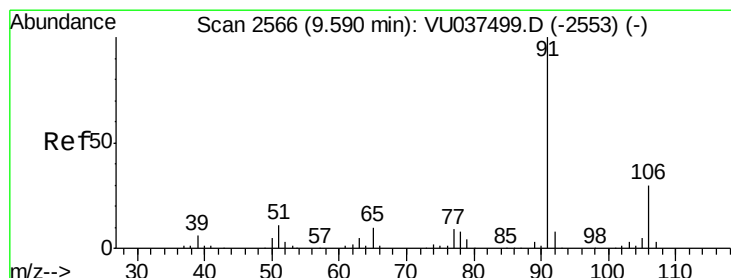
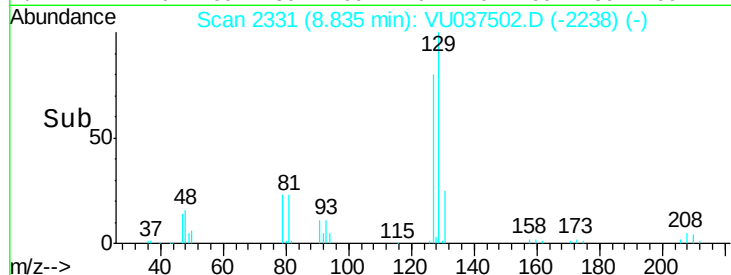
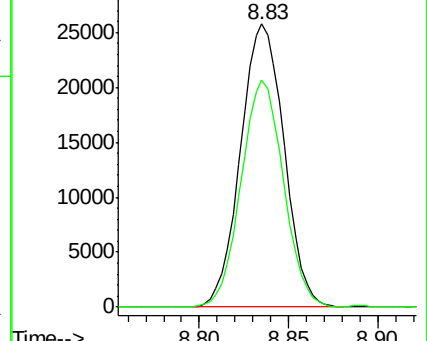
129 100

127 80.2 49.4 91.8



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 9.560 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037502.D

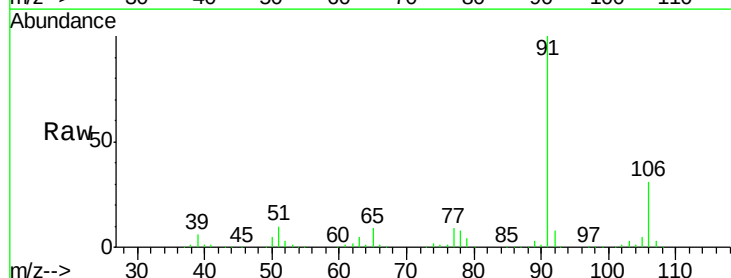
Acq: 31 Mar 2020 17:42

Tgt Ion: 91 Resp: 395688

Ion Ratio Lower Upper

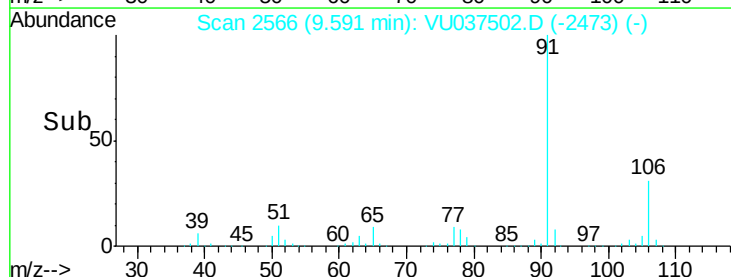
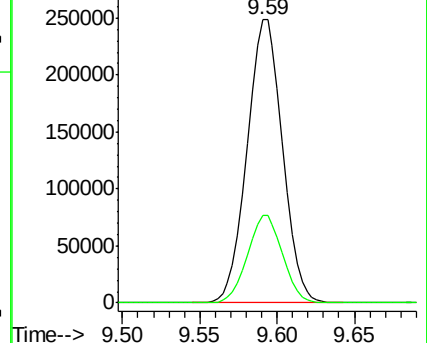
91 100

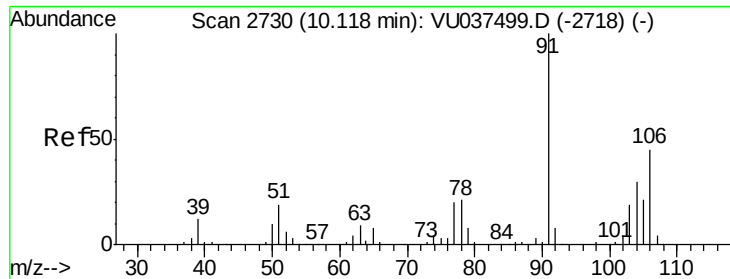
106 30.8 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

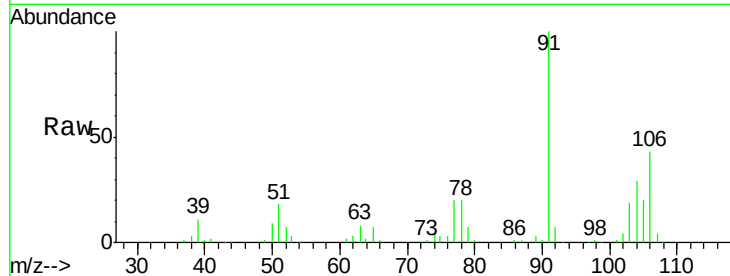




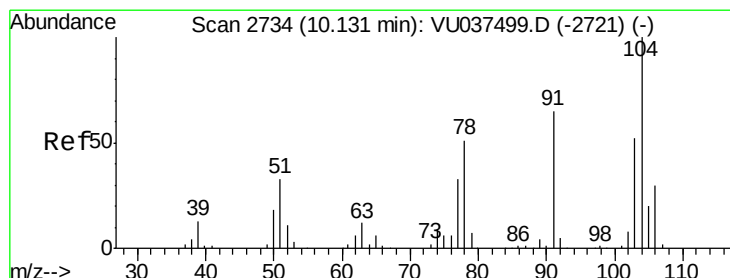
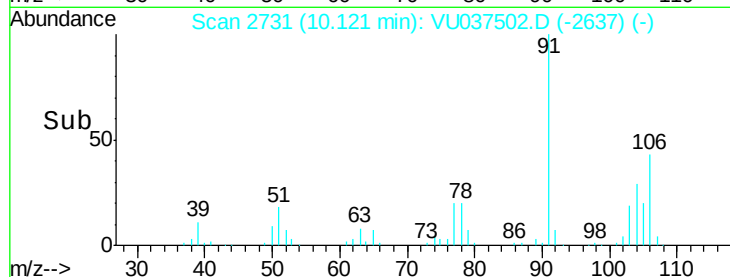
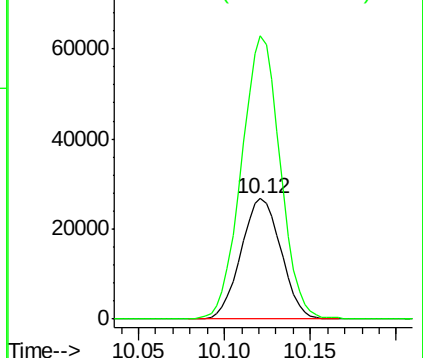
#54
o-Xylene
Concen: 2.970 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037502.D
Acq: 31 Mar 2020 17:42

Instrument :
MSVOA_U
ClientSampleId :
DBEW5

Tot Ion:106 Resp: 43318
Ion Ratio Lower Upper
106 100
91 234.4 155.6 289.0

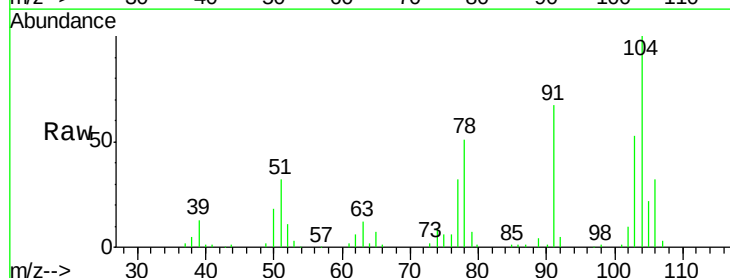


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

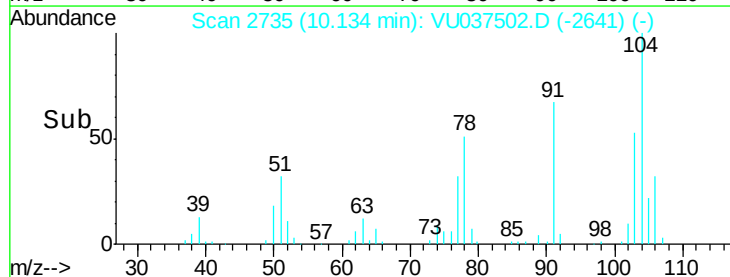
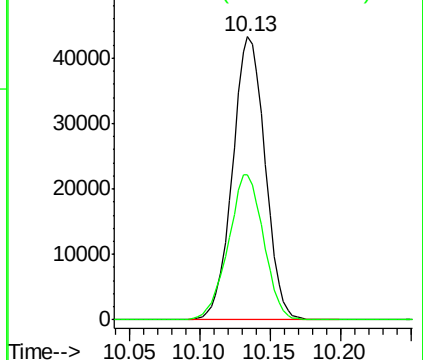


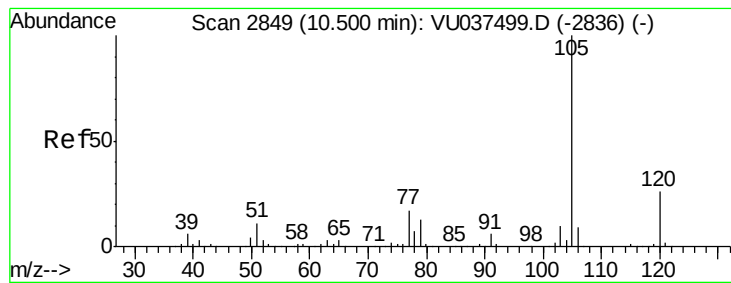
#55
Styrene
Concen: 2.755 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037502.D
Acq: 31 Mar 2020 17:42

Tgt Ion:104 Resp: 69939
Ion Ratio Lower Upper
104 100
78 51.5 35.7 66.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 6.968 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW5

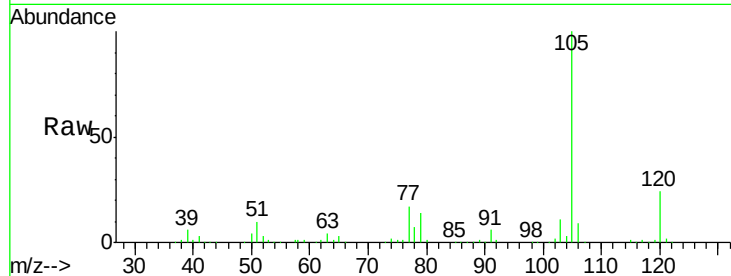
Tot Ion:105 Resp: 274342

Ion Ratio Lower Upper

105 100

120 24.6 20.5 30.7

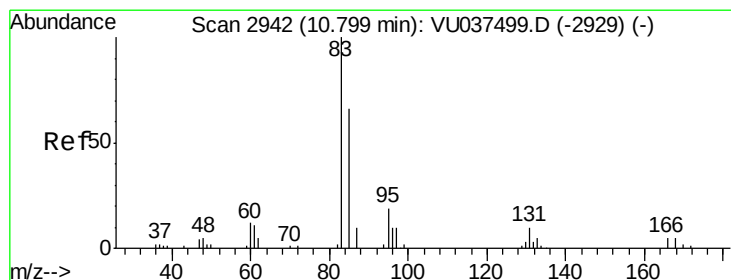
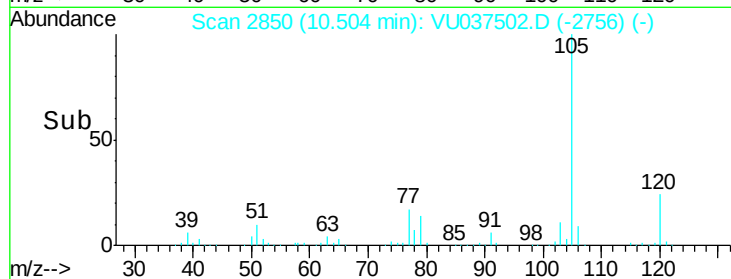
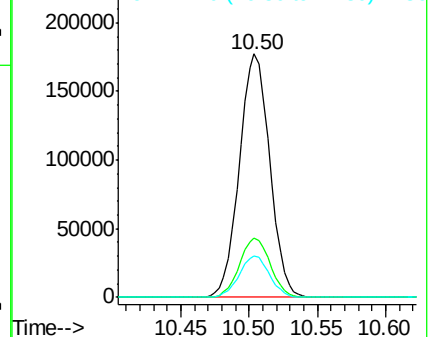
77 16.9 13.6 20.4



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.304 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037502.D

Acq: 31 Mar 2020 17:42

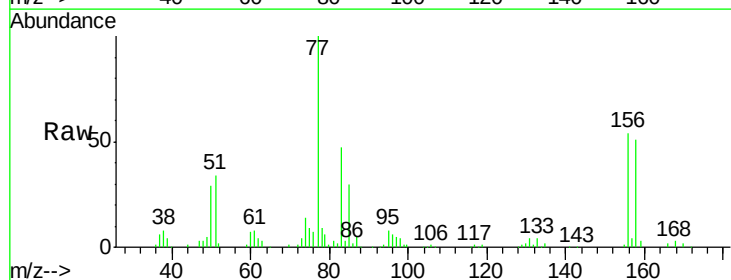
Tgt Ion: 83 Resp: 37360

Ion Ratio Lower Upper

83 100

85 64.7 45.9 85.3

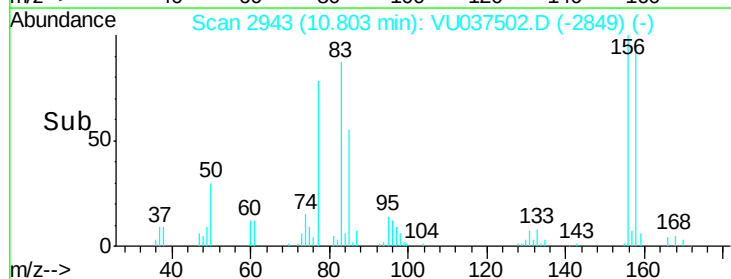
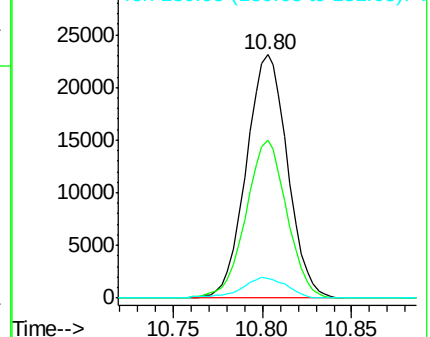
131 8.3 6.5 9.7

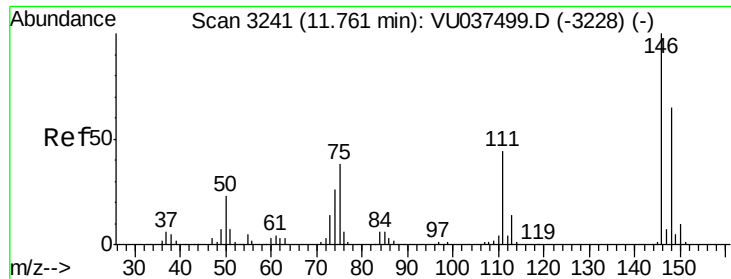


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

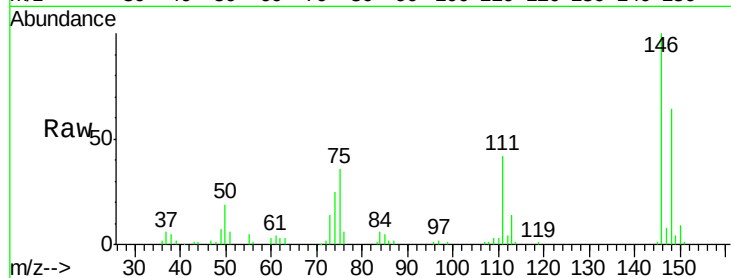




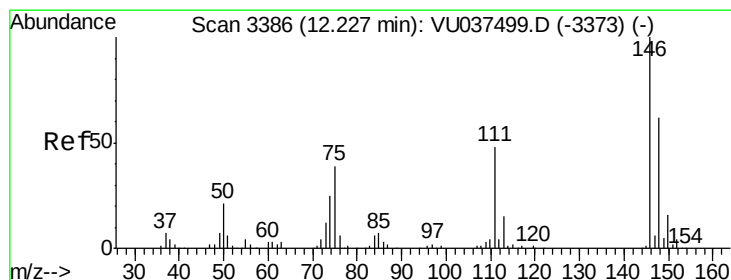
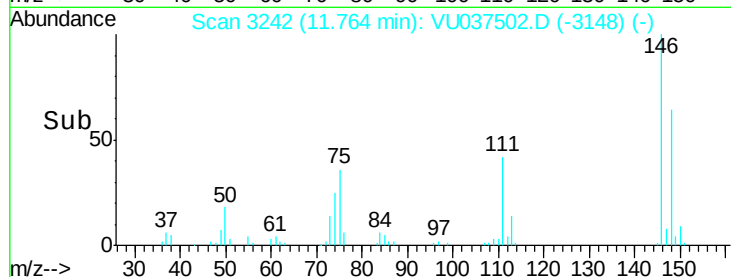
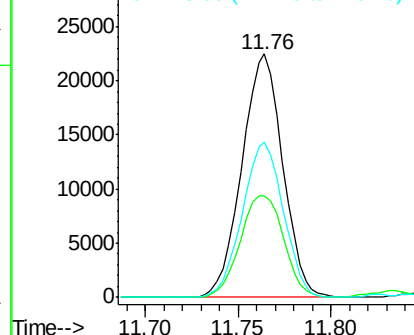
#62
 1,3-Dichlorobenzene
 Concen: 1.992 ug/L
 RT: 11.76 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW5

Tot Ion:146 Resp: 34363
 Ion Ratio Lower Upper
 146 100
 111 41.7 31.4 58.2
 148 63.8 44.9 83.5

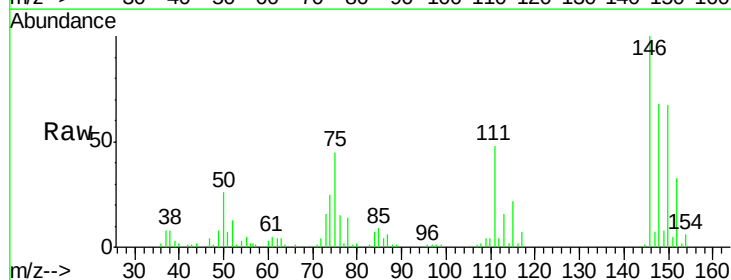


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#65
 1,2-Dichlorobenzene
 Concen: 1.957 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037502.D
 Acq: 31 Mar 2020 17:42

Tgt Ion:146 Resp: 31774
 Ion Ratio Lower Upper
 146 100
 111 48.1 38.9 58.3
 148 67.6 51.2 76.8



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

