

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036746.D
 Acq On : 12 Feb 2020 13:22
 Operator : JC/MD
 Sample : L1487-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT3

Quant Time: Feb 13 01:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50032	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	45160	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	87678	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.69	46	117673	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	5.11	84	81588	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	46032	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	172382	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.73	67	55979	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	156998	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.21	79	20397	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.66	63	99058	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42360	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	49643	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	20296	2.549	ug/L	99
3) Chloromethane	1.53	50	67425	8.135	ug/L	99
5) Vinyl chloride	1.62	62	56585	5.845	ug/L	97
6) Bromomethane	1.87	94	34518	5.934	ug/L	100
8) Chloroethane	1.95	64	33475	4.950	ug/L	99
9) Trichlorofluoromethane	2.16	101	118989	9.342	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	34716	4.268	ug/L	99
12) 1,1-Dichloroethene	2.60	96	44975	6.132	ug/L	92
16) Methylene chloride	3.08	84	30872	2.497	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	110780	5.099	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	54687	7.225	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	58739	6.413	ug/L	96
23) Bromochloromethane	5.02	128	7788	2.139	ug/L	95
25) Chloroform	5.13	83	74129	4.373	ug/L	99
27) 1,2-Dichloroethane	5.84	62	52495	4.858	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	63922	5.172	ug/L	99
31) Carbon tetrachloride	5.56	117	51306	5.146	ug/L	99

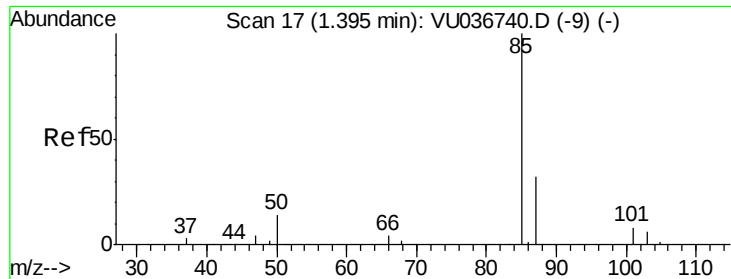
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	76088	8.607	ug/L	98
37) 1,2-Dichloropropane	6.83	63	47984	5.063	ug/L	100
38) Bromodichloromethane	7.14	83	23106	2.043	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	24616	1.795	ug/L	99
42) Toluene	8.00	91	116790	3.133	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	51948	7.879	ug/L	98
47) Tetrachloroethene	8.58	164	31628	5.259	ug/L	96
49) Dibromochloromethane	8.84	129	39151	5.742	ug/L	96
52) Ethylbenzene	9.59	91	417095	10.018	ug/L	100
54) o-Xylene	10.12	106	45827	3.046	ug/L	97
55) Styrene	10.13	104	74639	2.943	ug/L	99
56) Isopropylbenzene	10.50	105	283146	7.032	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	37490	4.344	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	34186	2.048	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	32670	2.030	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 2.549 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

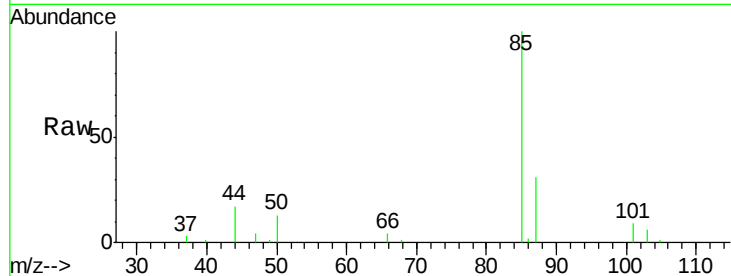
DBCT3

Tot Ion: 85 Resp: 20296

Ion Ratio Lower Upper

85 100

87 31.5 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU036746.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU036746.D (-9) (-)

1.39

25000

20000

15000

10000

5000

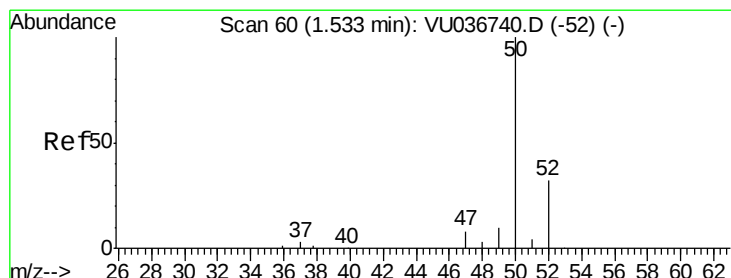
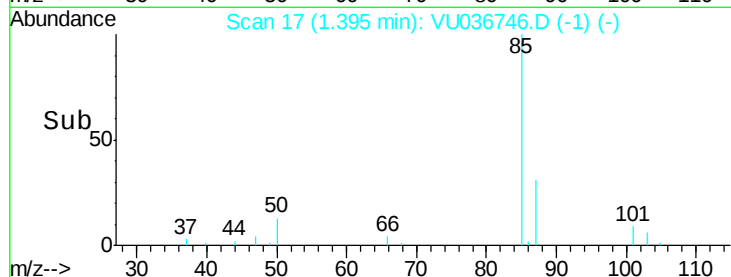
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Time-->

1.35

1.40

1.45



#3

Chloromethane

Concen: 8.135 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU036746.D

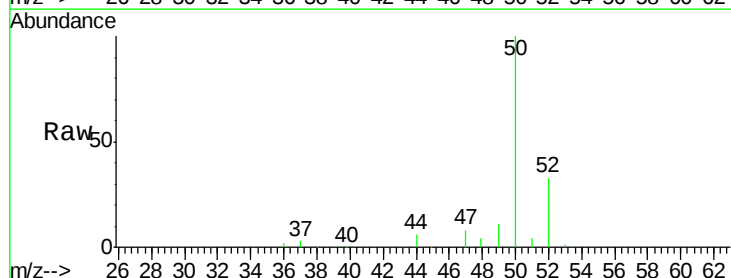
Acq: 12 Feb 2020 13:22

Tgt Ion: 50 Resp: 67425

Ion Ratio Lower Upper

50 100

52 33.3 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036746.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036746.D (-52) (-)

1.53

60000

40000

20000

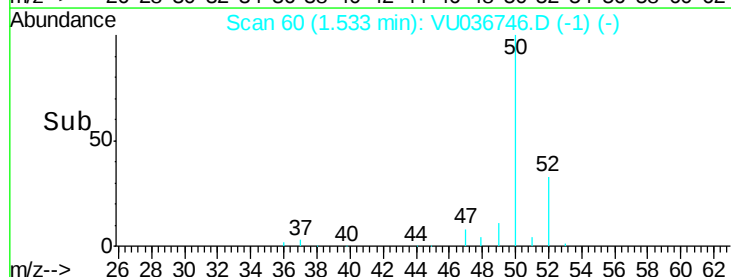
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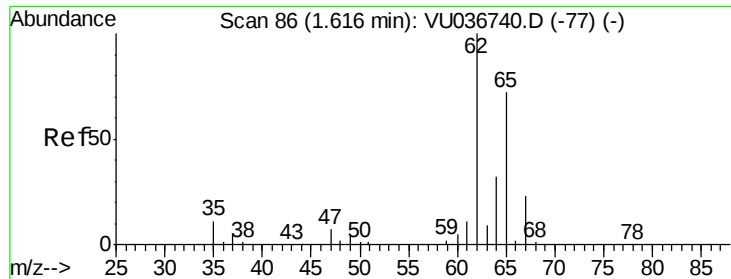
Time-->

1.50

1.55

1.60





#5

Vinyl chloride

Concen: 5.845 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

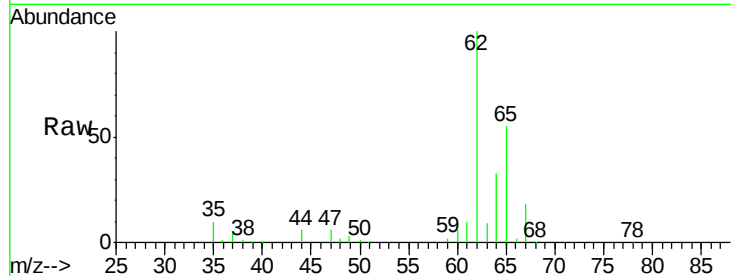
DBCT3

Tot Ion: 62 Resp: 56585

Ion Ratio Lower Upper

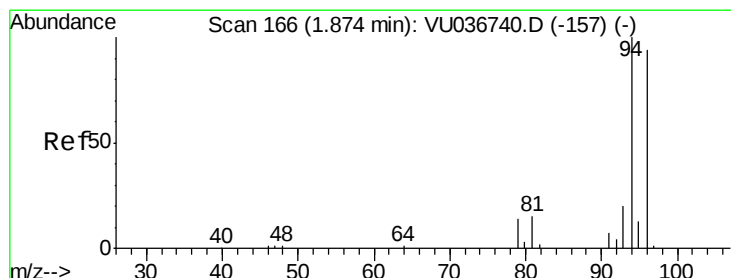
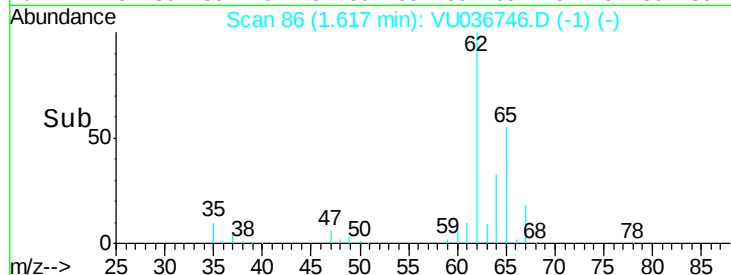
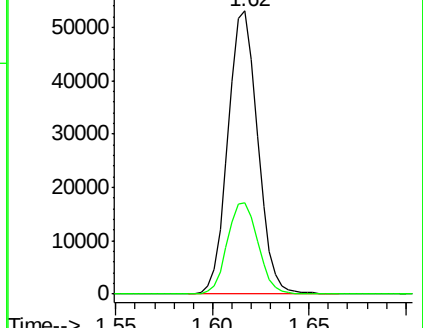
62 100

64 32.5 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU036746.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU036746.D (-77) (-)



#6

Bromomethane

Concen: 5.934 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU036746.D

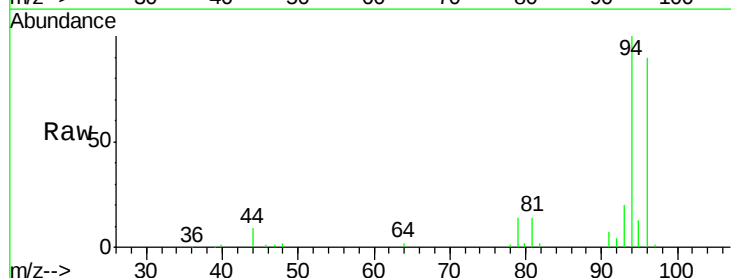
Acq: 12 Feb 2020 13:22

Tgt Ion: 94 Resp: 34518

Ion Ratio Lower Upper

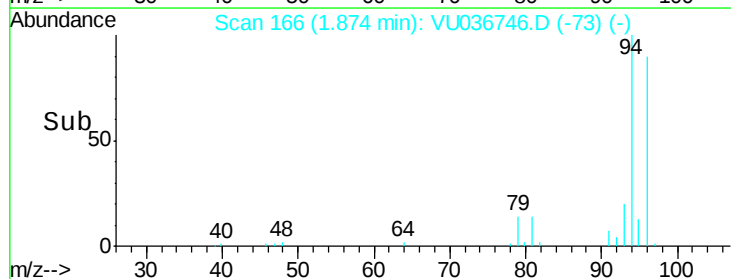
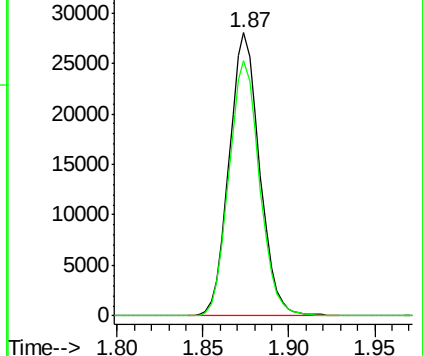
94 100

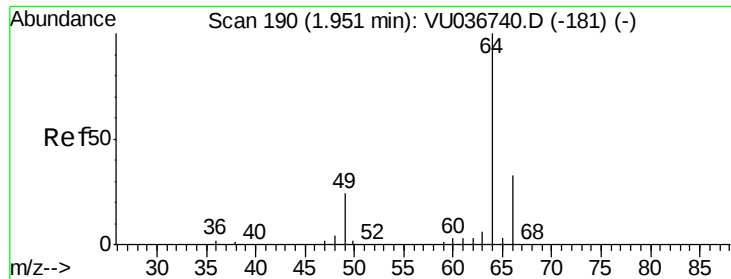
96 90.1 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU036746.D (-157) (-)

Ion 96.00 (95.70 to 96.70): VU036746.D (-157) (-)





#8

Chloroethane

Concen: 4.950 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

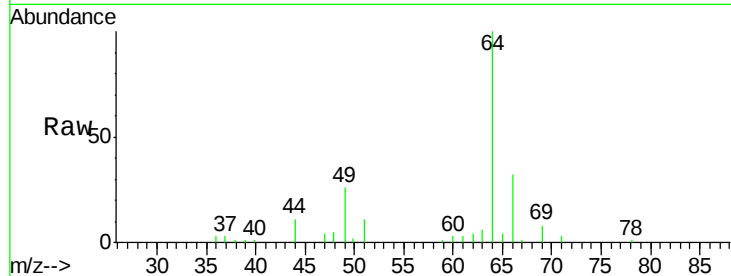
DBCT3

Tot Ion: 64 Resp: 33475

Ion Ratio Lower Upper

64 100

66 31.9 21.8 40.6

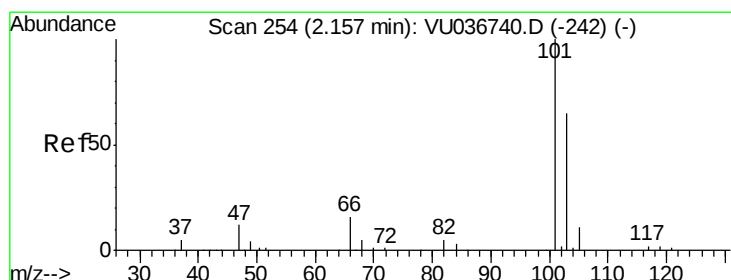
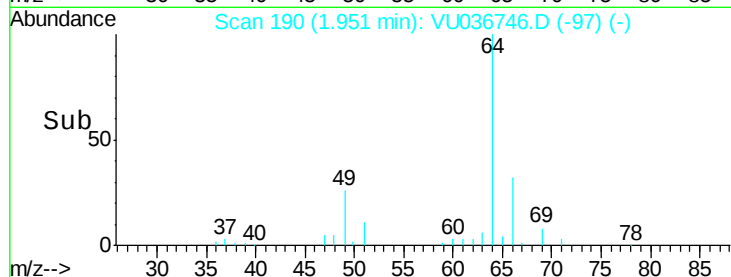


Abundance Ion 64.10 (63.80 to 64.80): VU036740.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU036740.D (-181) (-)

1.95

Time-->



#9

Trichlorofluoromethane

Concen: 9.342 ug/L

RT: 2.16 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU036746.D

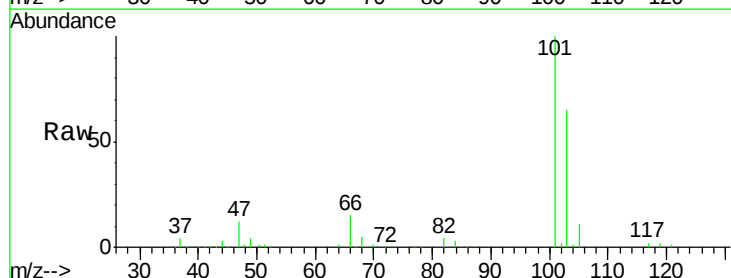
Acq: 12 Feb 2020 13:22

Tgt Ion: 101 Resp: 118989

Ion Ratio Lower Upper

101 100

103 64.8 51.0 76.6

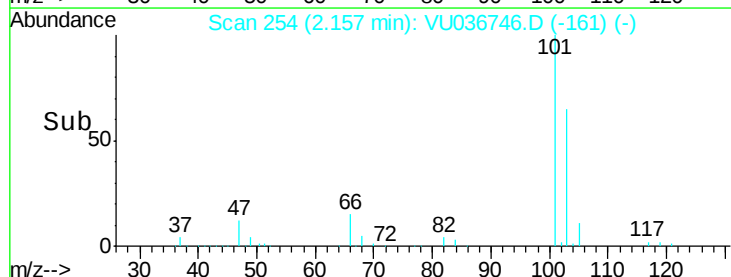


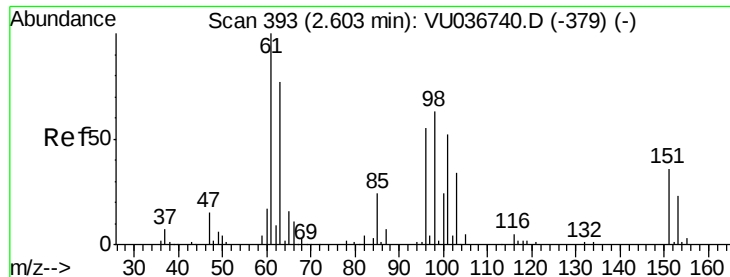
Abundance Ion 101.00 (100.70 to 101.70): VU036740.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU036740.D (-242) (-)

2.16

Time-->





#10

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

Concen: 4.268 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

DBCT3

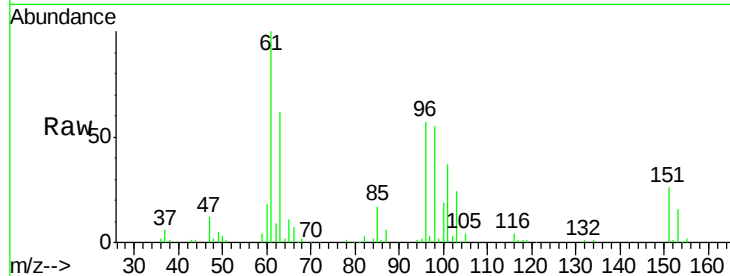
Tot Ion:101 Resp: 34716

Ion Ratio Lower Upper

101 100

85 46.5 36.4 54.6

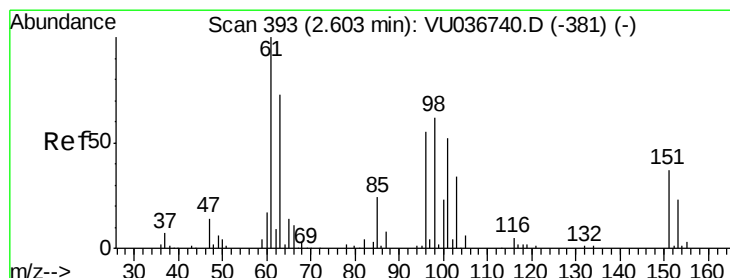
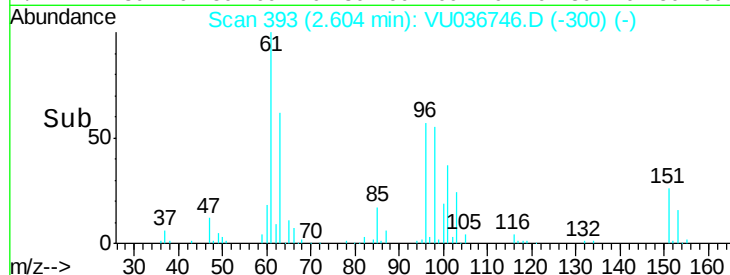
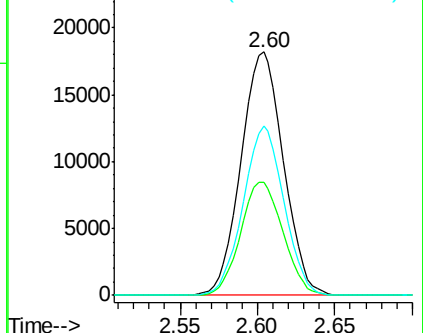
151 67.0 54.0 81.0



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



#12

1,1-Dichloroethene

Concen: 6.132 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

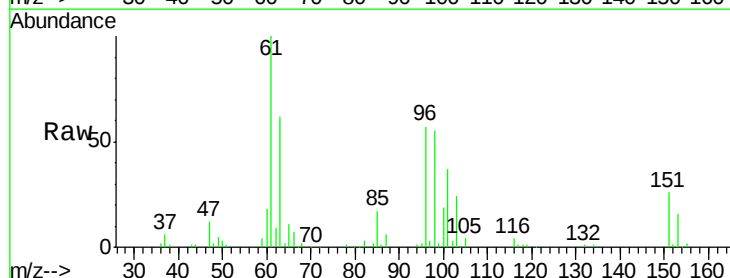
Tgt Ion: 96 Resp: 44975

Ion Ratio Lower Upper

96 100

61 176.7 126.4 234.8

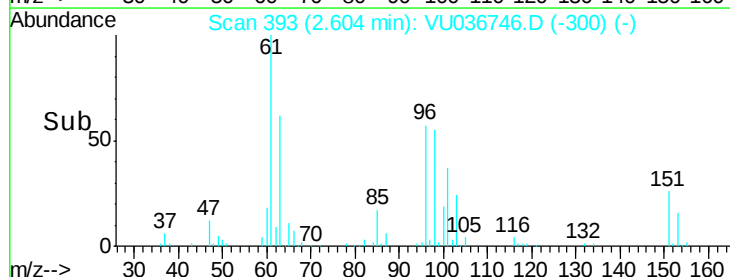
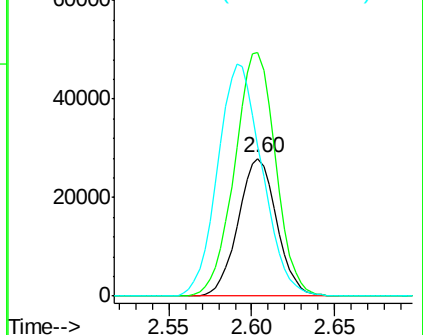
63 108.8 89.5 166.3

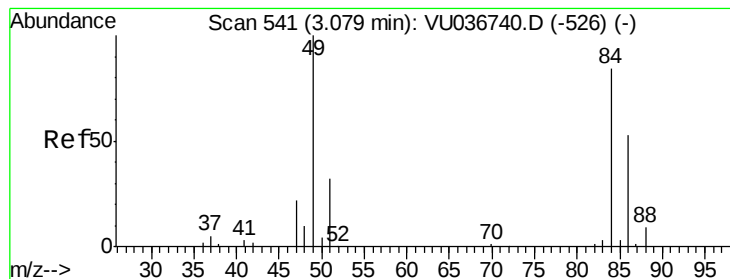


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methylene chloride

Concen: 2.497 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

DBCT3

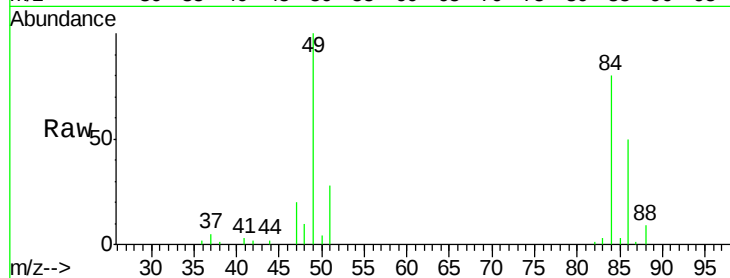
Tot Ion: 84 Resp: 30872

Ion Ratio Lower Upper

84 100

86 62.8 44.7 82.9

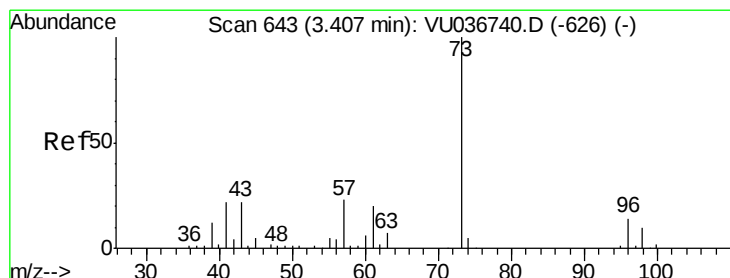
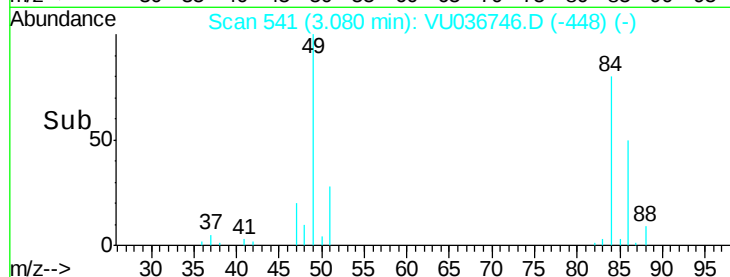
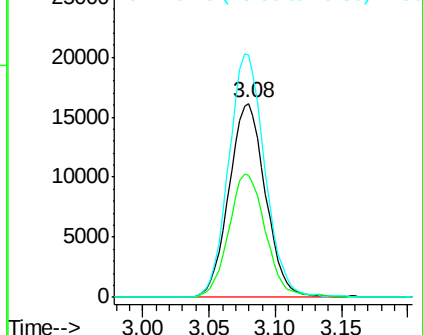
49 124.8 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036746.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036746.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036746.D (-526) (-)



#17

Methyl tert-butyl Ether

Concen: 5.099 ug/L

RT: 3.41 min Scan# 643

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

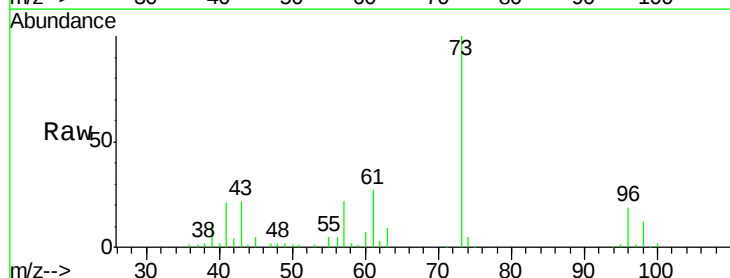
Tgt Ion: 73 Resp: 110780

Ion Ratio Lower Upper

73 100

43 22.3 18.7 28.1

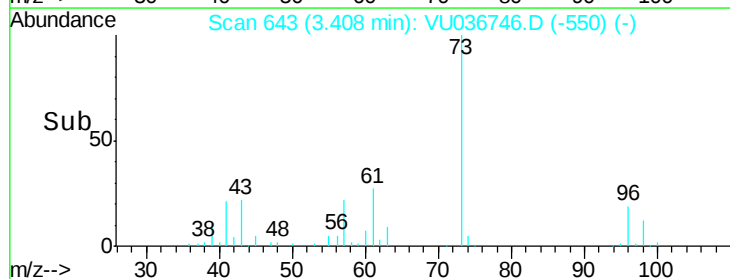
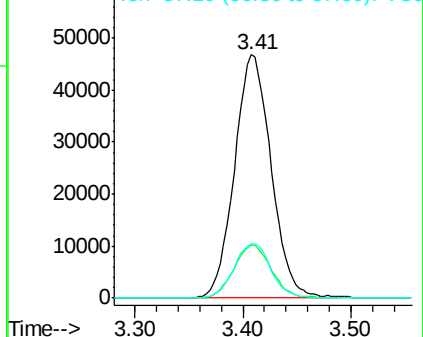
57 22.6 17.9 26.9

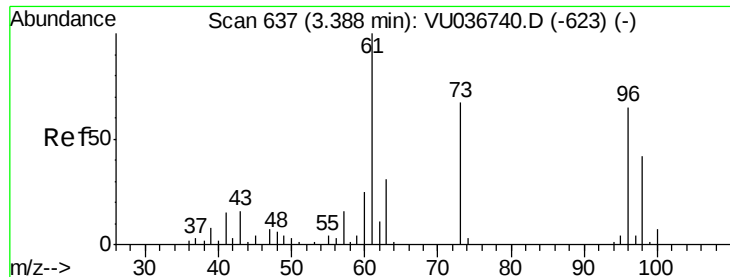


Abundance Ion 73.10 (72.80 to 73.80): VU036746.D (-626) (-)

Ion 43.05 (42.75 to 43.75): VU036746.D (-626) (-)

Ion 57.10 (56.80 to 57.80): VU036746.D (-626) (-)

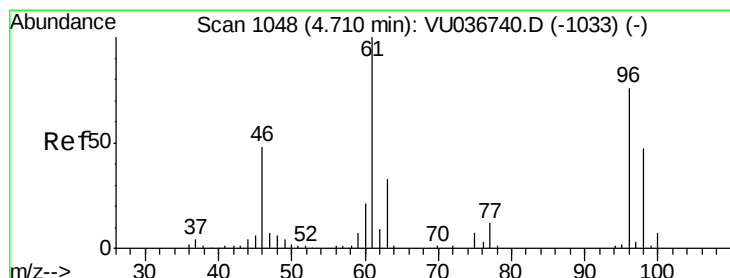
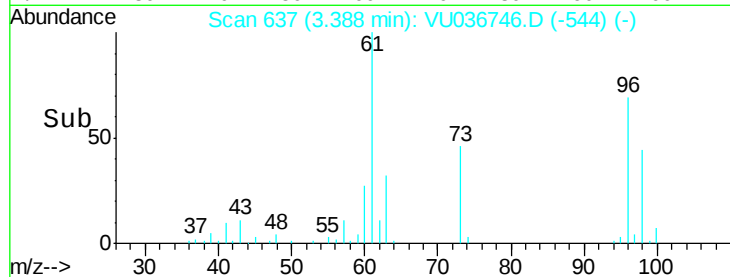
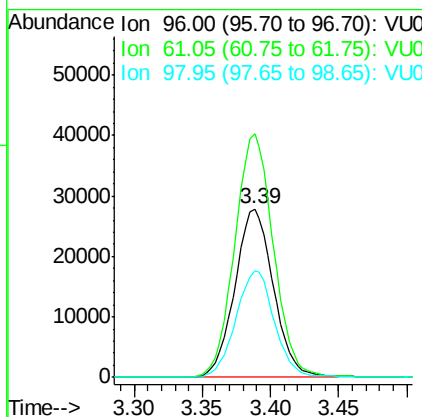
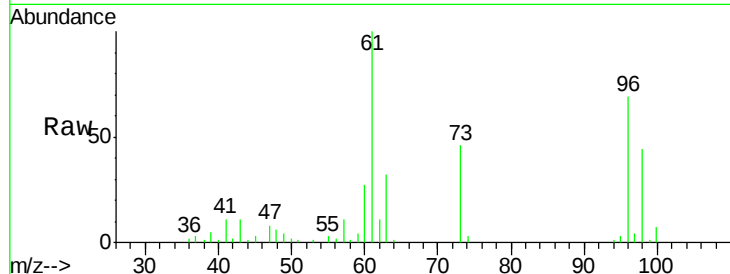




#18
trans-1,2-Dichloroethene
Concen: 7.225 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU036746.D
Acq: 12 Feb 2020 13:22

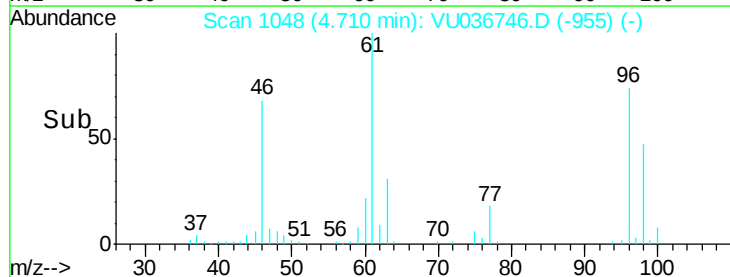
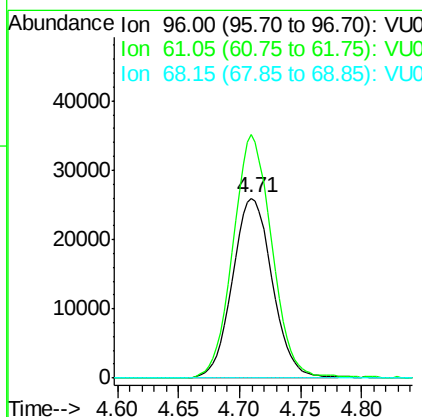
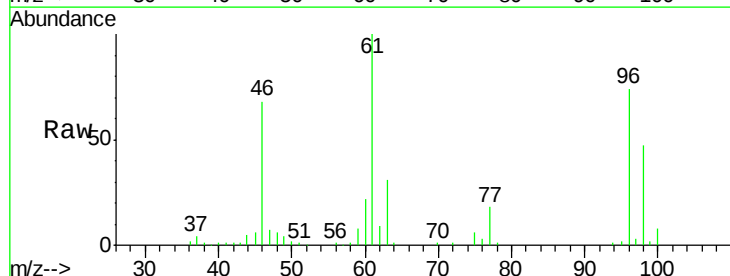
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MSVOA_U
ClientSampleId :
DBCT3

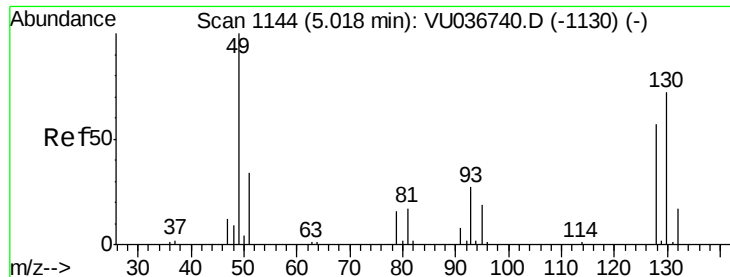
Tot Ion: 96 Resp: 54687
Ion Ratio Lower Upper
96 100
61 144.5 102.6 190.5
98 63.0 44.5 82.7



#22
cis-1,2-Dichloroethene
Concen: 6.413 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU036746.D
Acq: 12 Feb 2020 13:22

Tgt Ion: 96 Resp: 58739
Ion Ratio Lower Upper
96 100
61 135.4 91.2 169.4
68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 2.139 ug/L

RT: 5.02 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

DBCT3

Tot Ion:128 Resp: 7788

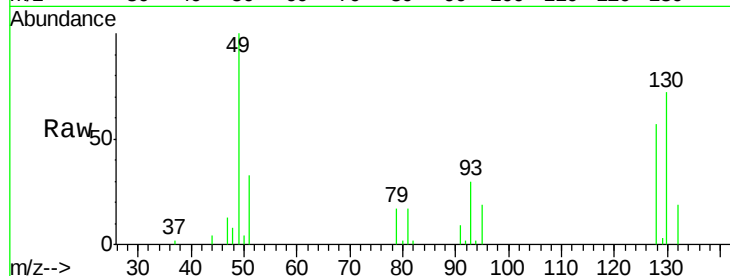
Ion Ratio Lower Upper

128 100

49 176.6 132.4 245.8

130 127.9 89.0 165.2

51 57.7 45.6 68.4

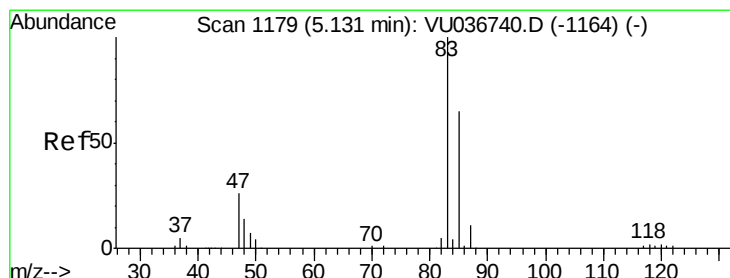
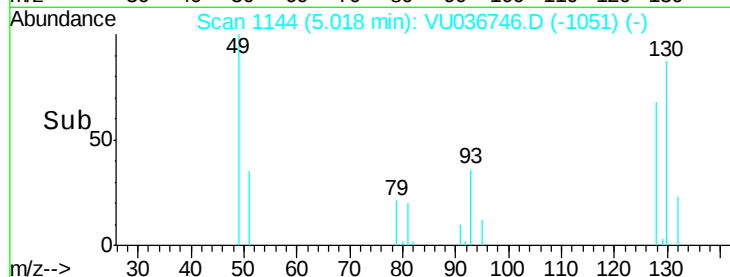
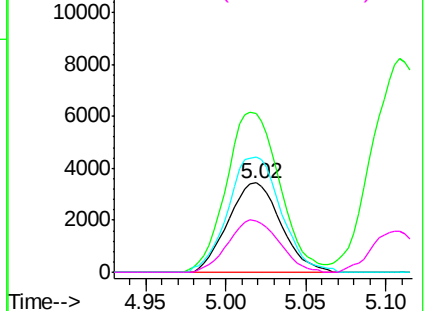


Abundance Ion 127.90 (127.60 to 128.60): V

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: 4.373 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU036746.D

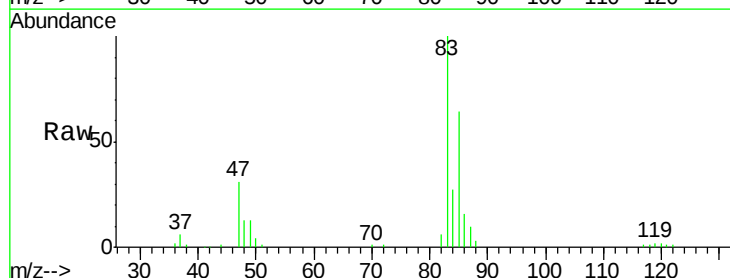
Acq: 12 Feb 2020 13:22

Tgt Ion: 83 Resp: 74129

Ion Ratio Lower Upper

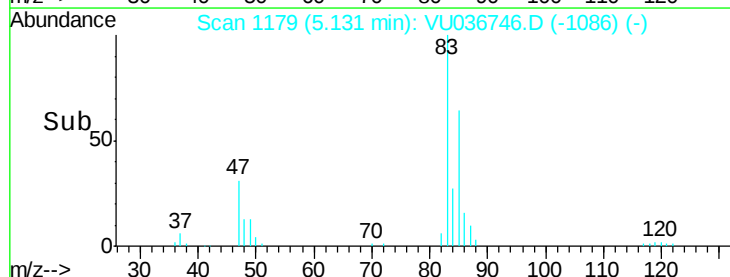
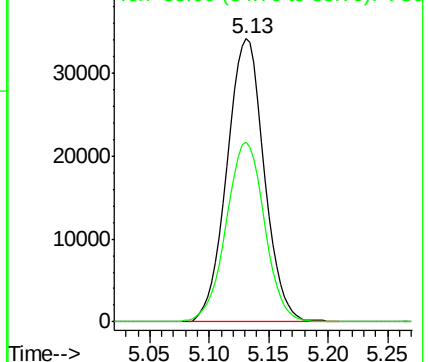
83 100

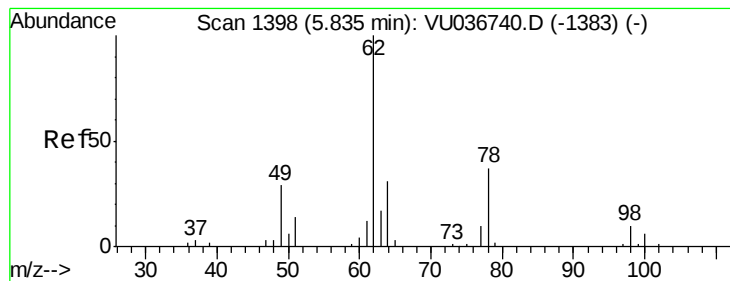
85 63.7 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 4.858 ug/L

RT: 5.84 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

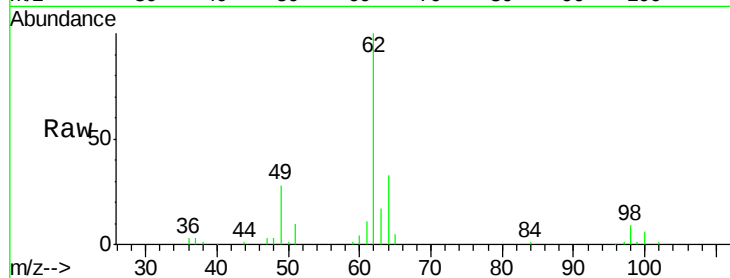
DBCT3

Tot Ion: 62 Resp: 52495

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.4

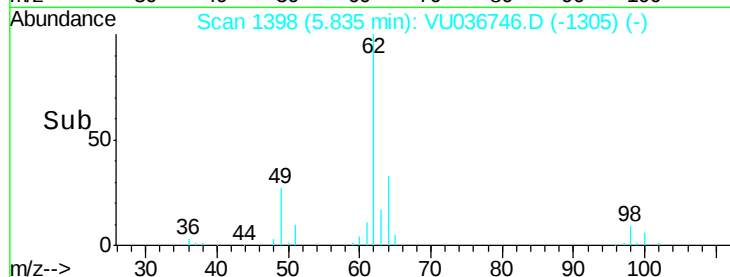


Abundance Ion 62.00 (61.70 to 62.70): VU036746.D (-1305) (-)

Ion 98.05 (97.75 to 98.75): VU036746.D (-1305) (-)

5.84

Time-->



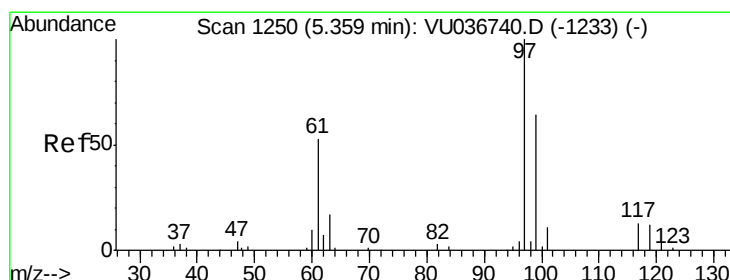
Abundance

Ion 62.00 (61.70 to 62.70): VU036746.D (-1305) (-)

Ion 98.05 (97.75 to 98.75): VU036746.D (-1305) (-)

5.84

Time-->



#29

1,1,1-Trichloroethane

Concen: 5.172 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

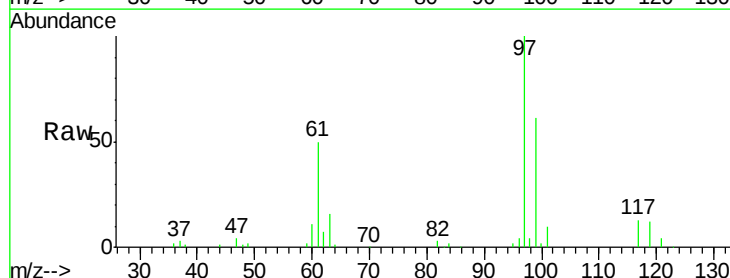
Tgt Ion: 97 Resp: 63922

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.4

61 51.0 41.6 62.4



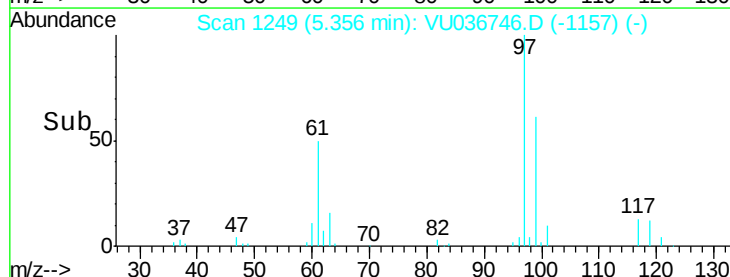
Abundance Ion 96.95 (96.65 to 97.65): VU036746.D (-1157) (-)

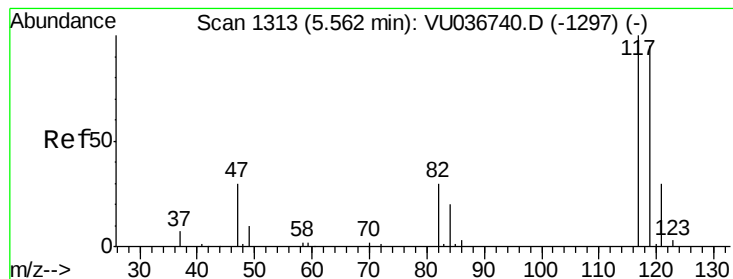
Ion 99.05 (98.75 to 99.75): VU036746.D (-1157) (-)

Ion 61.05 (60.75 to 61.75): VU036746.D (-1157) (-)

5.36

Time-->





#31

Carbon tetrachloride

Concen: 5.146 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

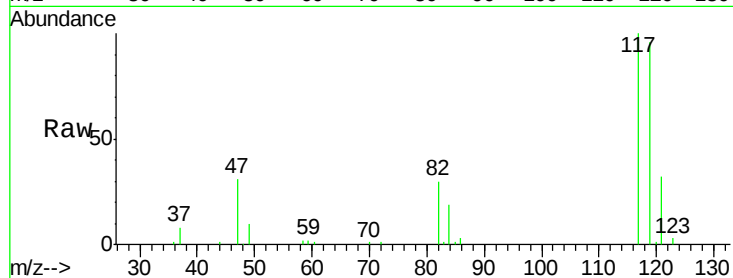
DBCT3

Tot Ion:117 Resp: 51306

Ion Ratio Lower Upper

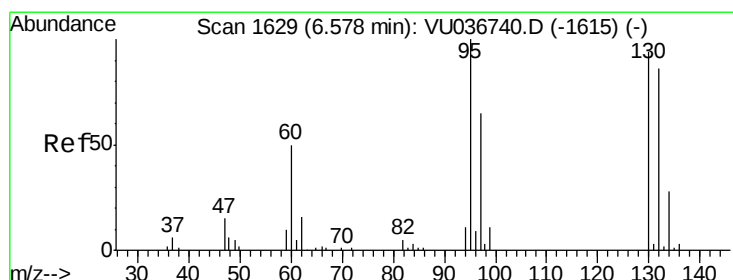
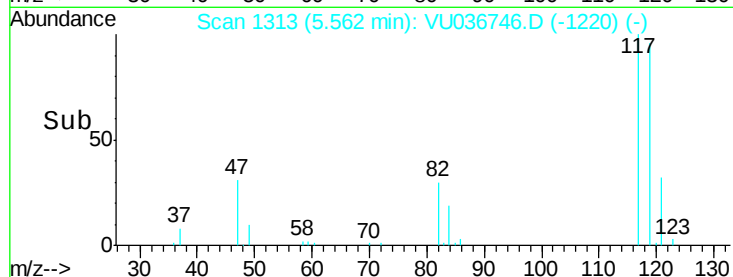
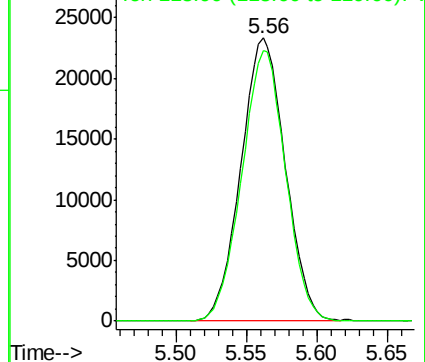
117 100

119 94.2 74.5 111.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 8.607 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Tgt Ion: 95 Resp: 76088

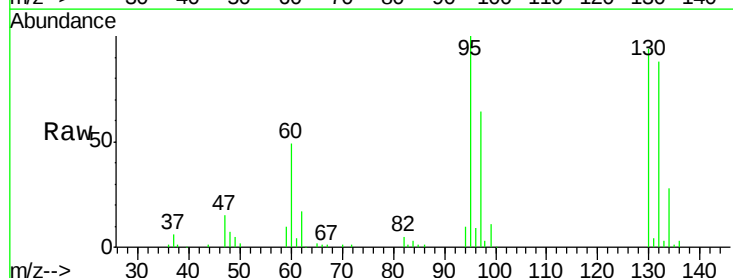
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.8

132 88.3 62.8 116.6

130 93.6 63.8 118.4

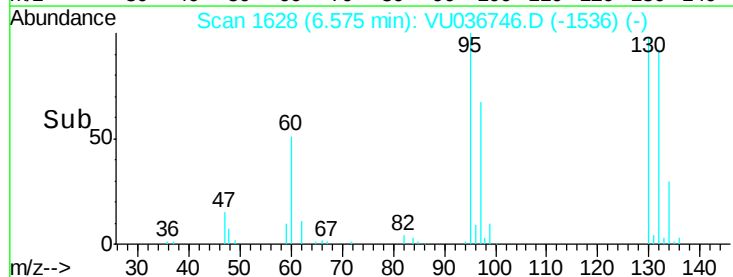
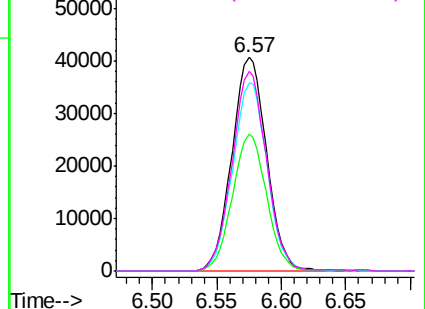


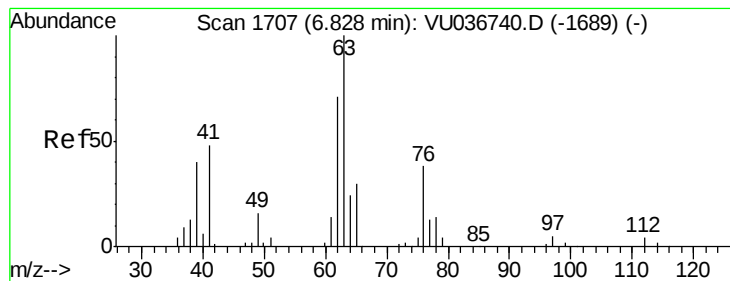
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.063 ug/L

RT: 6.83 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

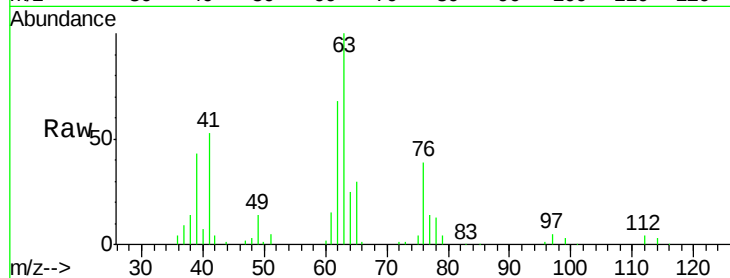
DBCT3

Tot Ion: 63 Resp: 47984

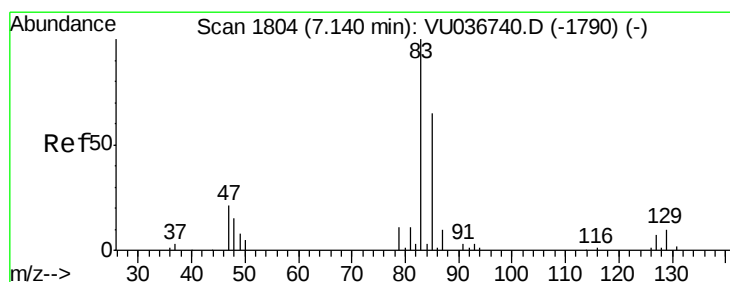
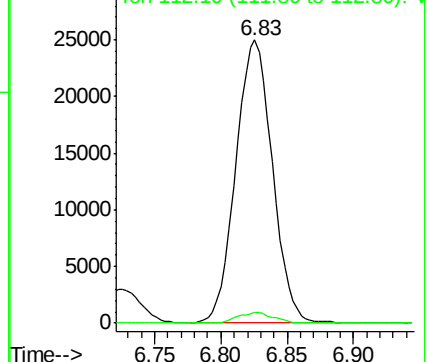
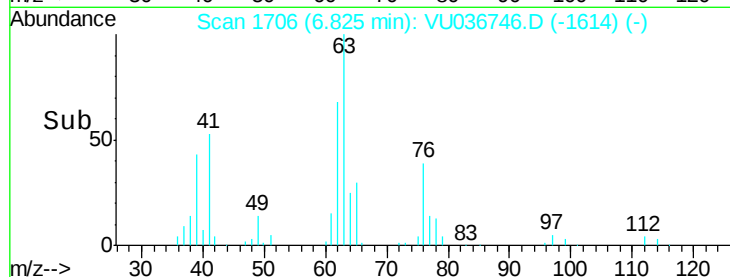
Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



Abundance Ion 63.10 (62.80 to 63.80): VU036746.D (-1614) (-)



#38

Bromodichloromethane

Concen: 2.043 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

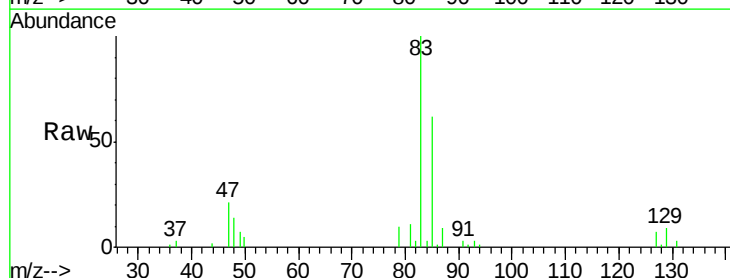
Tgt Ion: 83 Resp: 23106

Ion Ratio Lower Upper

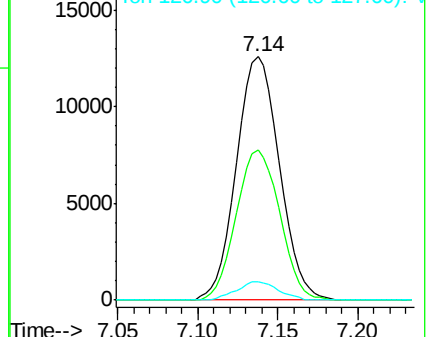
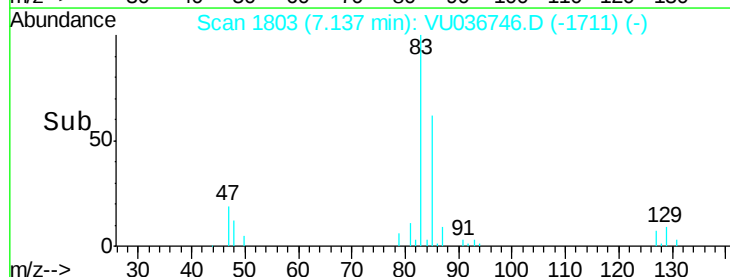
83 100

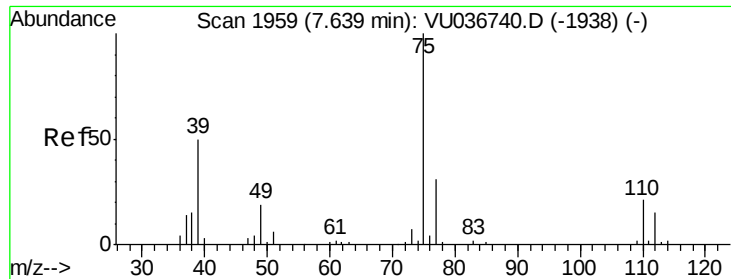
85 61.7 43.0 80.0

127 7.5 6.3 9.5



Abundance Ion 82.95 (82.65 to 83.65): VU036746.D (-1711) (-)

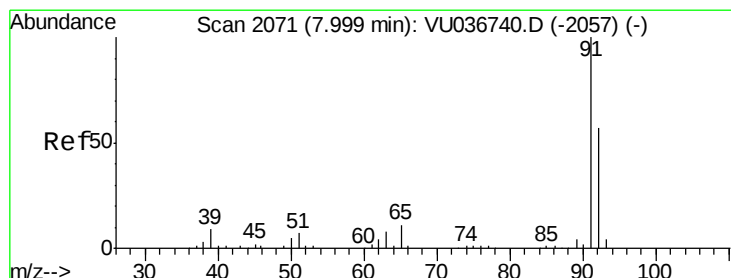
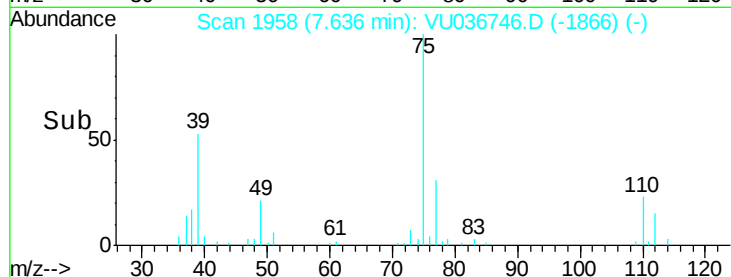
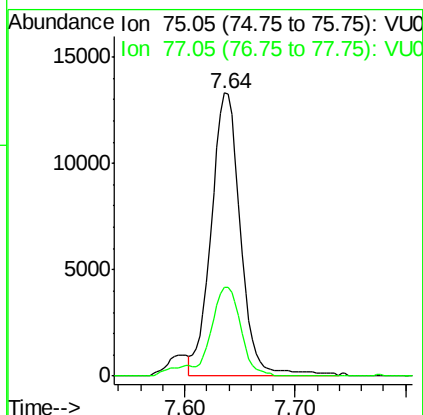
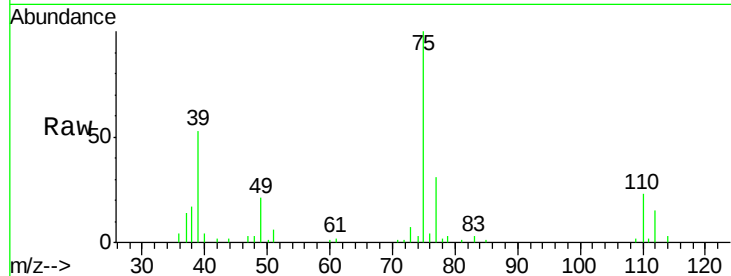




#39
 cis-1,3-Dichloropropene
 Concen: 1.795 ug/L
 RT: 7.64 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

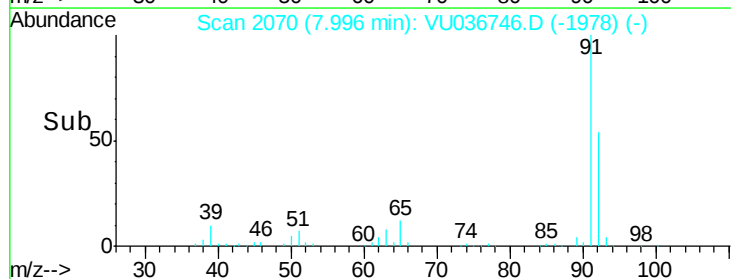
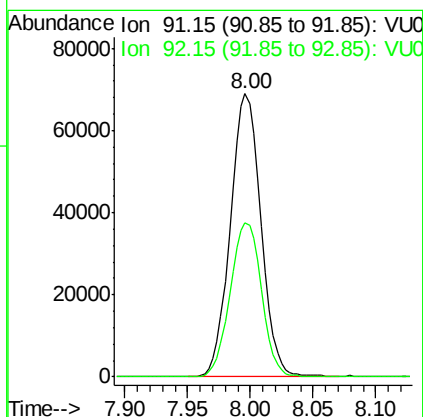
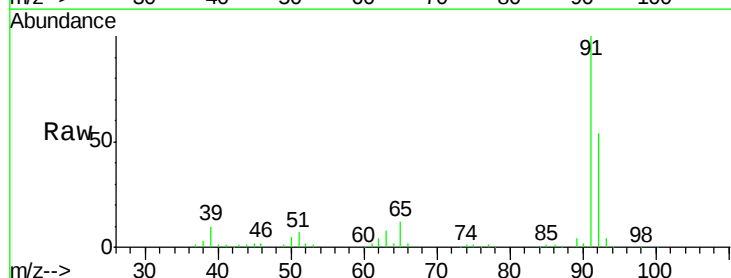
Instrument :
 MSVOA_U
 ClientSampled :
 DBCT3

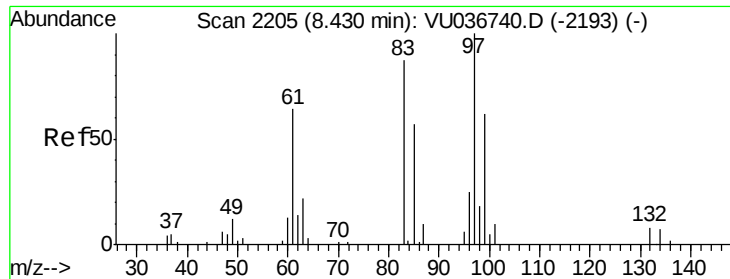
Tot Ion: 75 Resp: 24616
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.5 41.9



#42
 Toluene
 Concen: 3.133 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

Tgt Ion: 91 Resp: 116790
 Ion Ratio Lower Upper
 91 100
 92 54.5 41.2 76.4

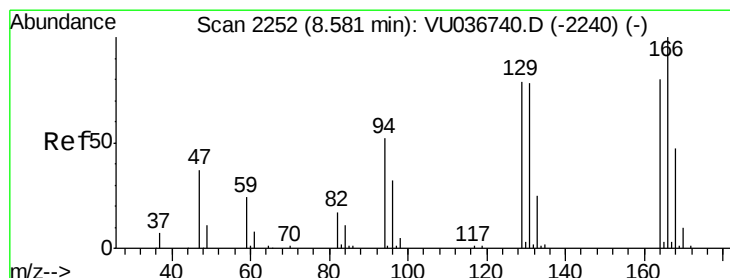
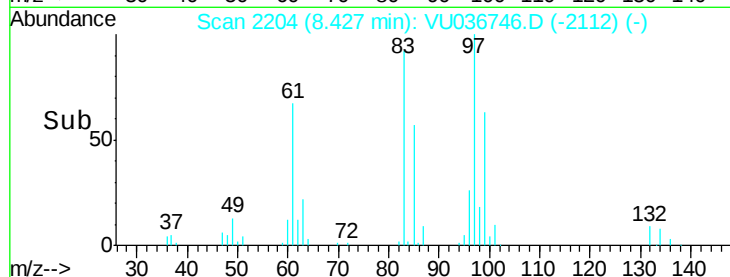
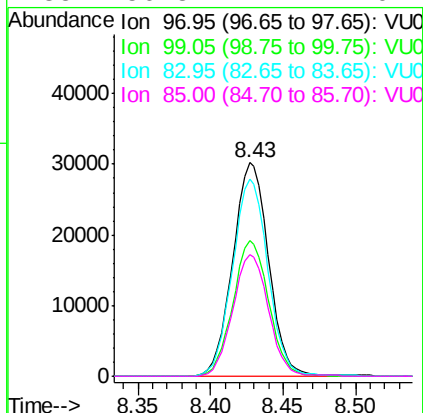
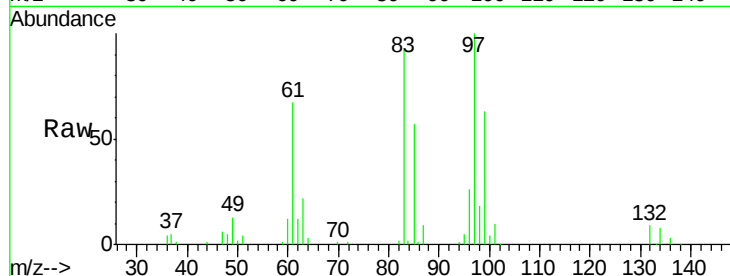




#45
 1,1,2-Trichloroethane
 Concen: 7.879 ug/L
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

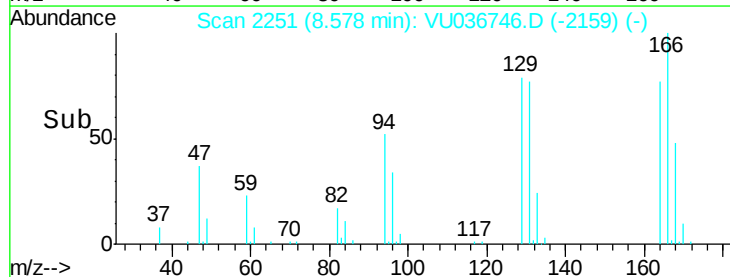
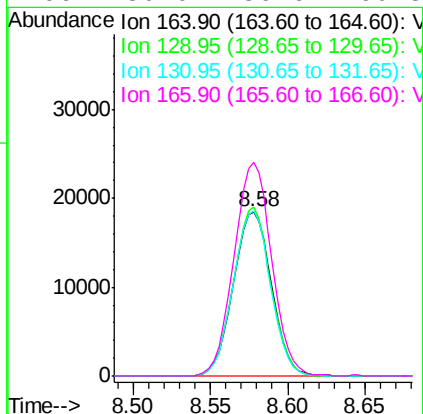
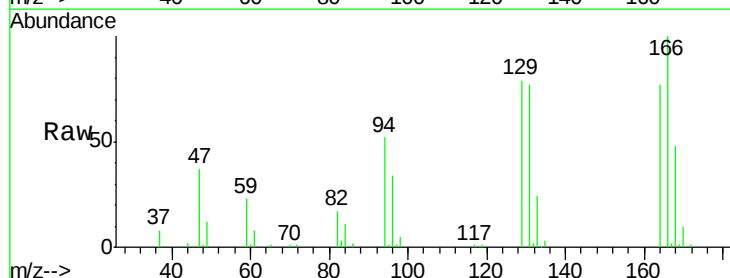
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT3

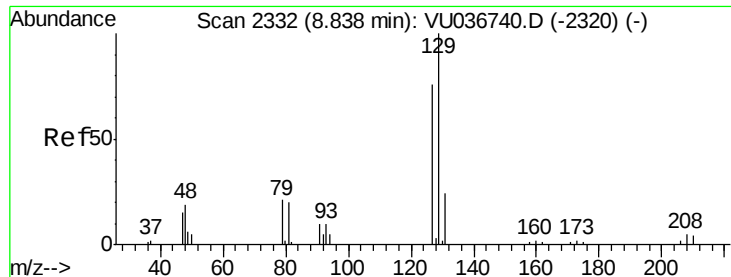
Tot Ion:	97	Resp:	51948
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.1	81.9
83	92.3	63.5	117.9
85	56.8	41.2	76.4



#47
 Tetrachloroethene
 Concen: 5.259 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

Tgt Ion:	164	Resp:	31628
Ion	Ratio	Lower	Upper
164	100		
129	102.8	68.0	126.4
131	100.4	69.4	128.8
166	130.0	86.6	160.8

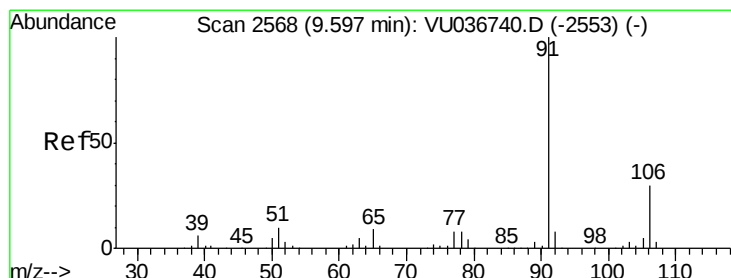
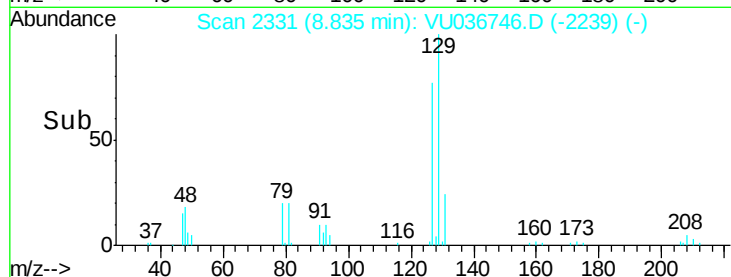
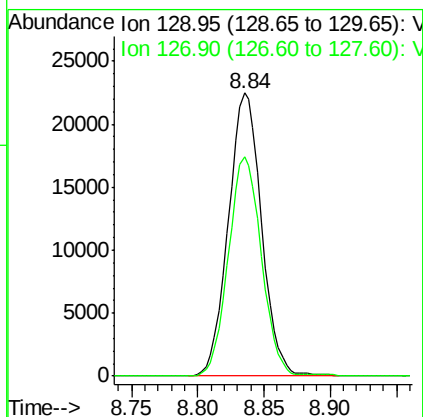
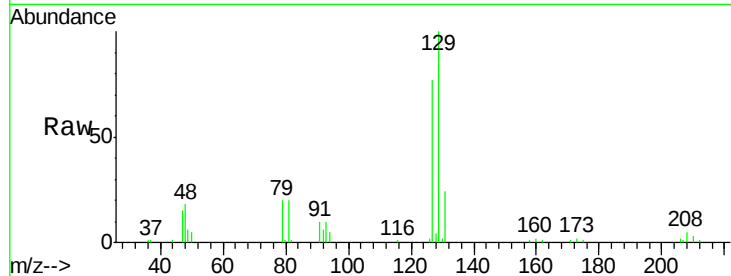




#49
 Dibromochloromethane
 Concen: 5.742 ug/L
 RT: 8.84 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

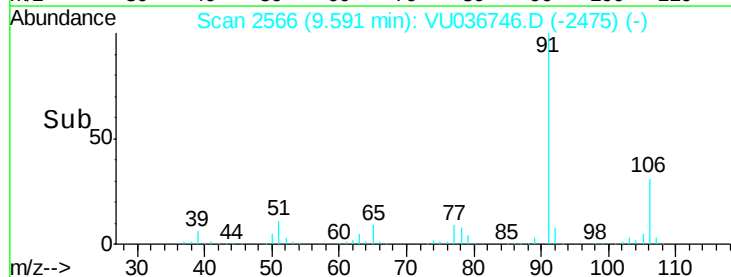
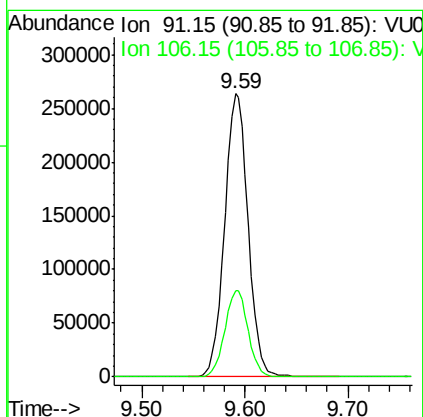
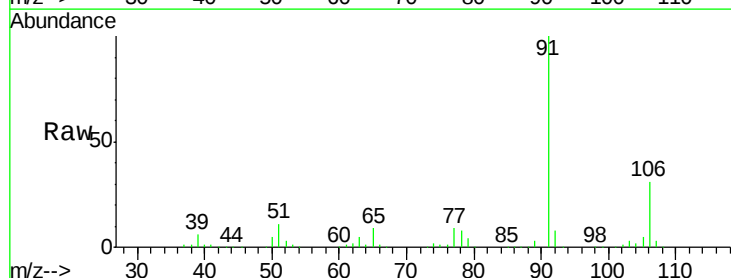
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT3

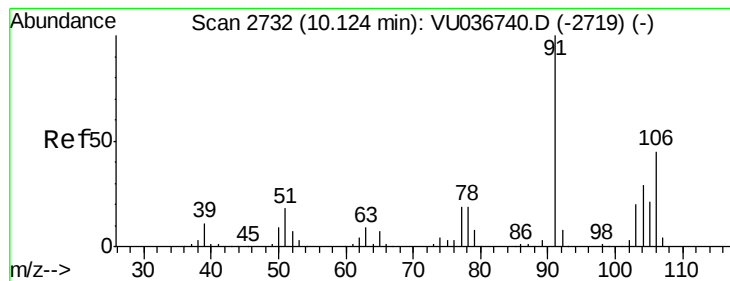
Tot Ion:129 Resp: 39151
 Ion Ratio Lower Upper
 129 100
 127 77.5 56.7 105.3



#52
 Ethylbenzene
 Concen: 10.018 ug/L
 RT: 9.59 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: VU036746.D
 Acq: 12 Feb 2020 13:22

Tgt Ion: 91 Resp: 417095
 Ion Ratio Lower Upper
 91 100
 106 30.5 21.5 39.9





#54

o-Xylene

Concen: 3.046 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampled :

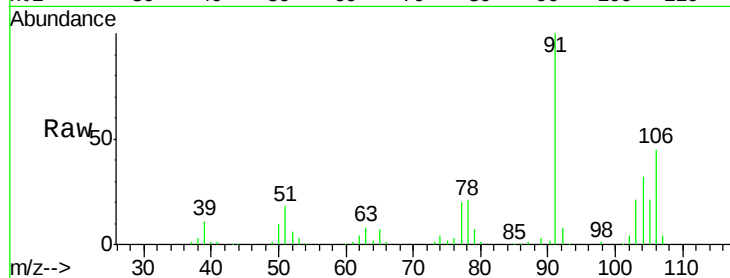
DBCT3

Tot Ion:106 Resp: 45827

Ion Ratio Lower Upper

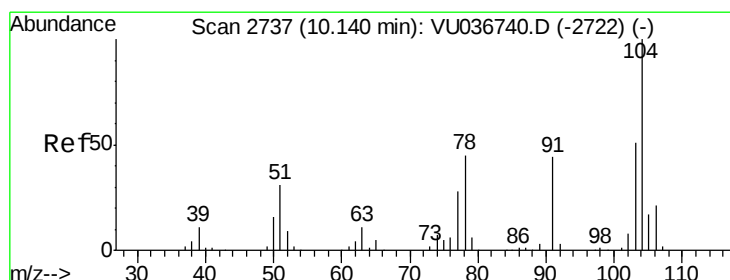
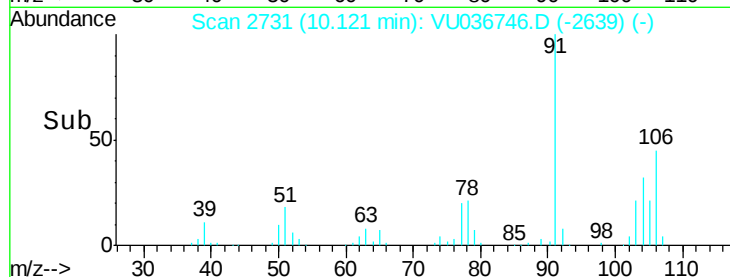
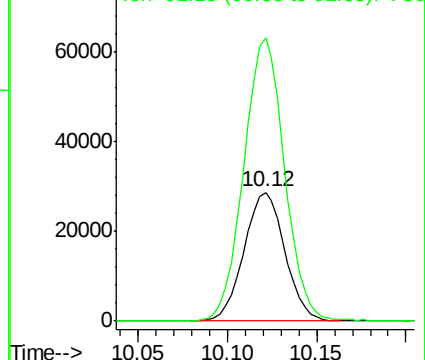
106 100

91 219.9 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 2.943 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.01 min

Lab File: VU036746.D

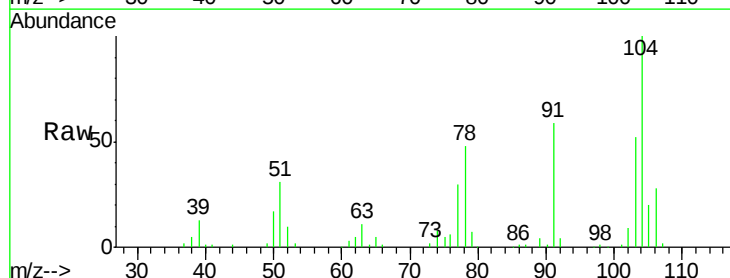
Acq: 12 Feb 2020 13:22

Tgt Ion:104 Resp: 74639

Ion Ratio Lower Upper

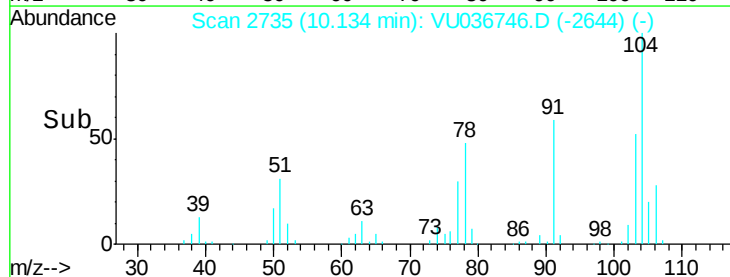
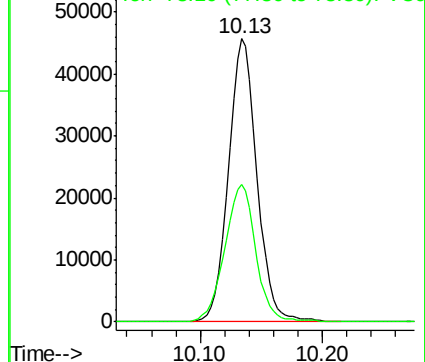
104 100

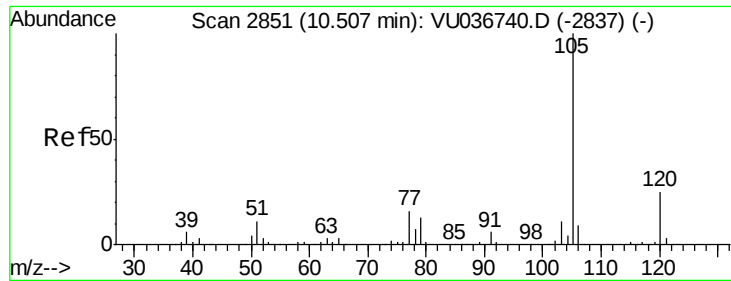
78 48.5 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 7.032 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampled :

DBCT3

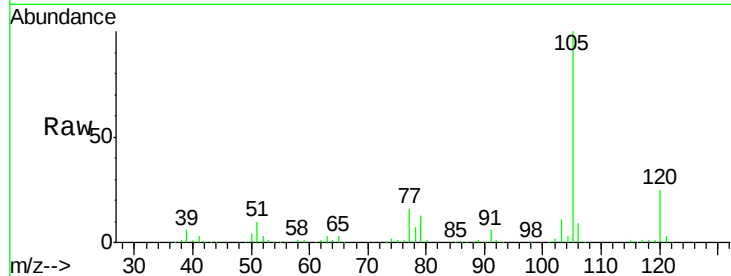
Tot Ion:105 Resp: 283146

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

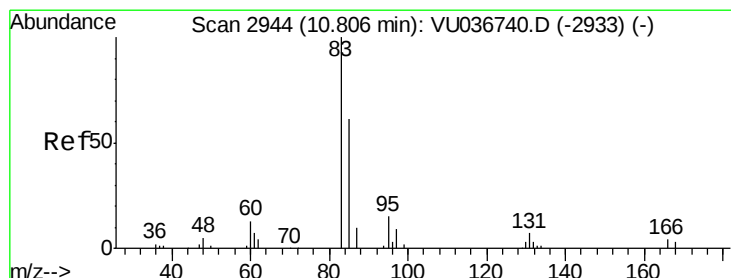
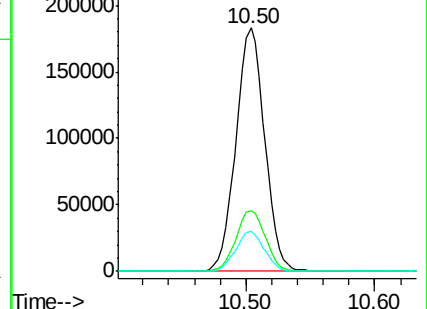
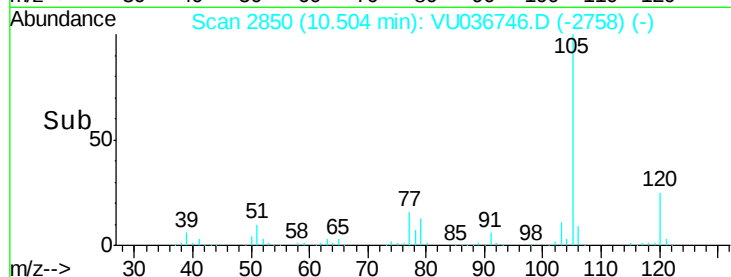
77 16.3 13.0 19.6



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.344 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

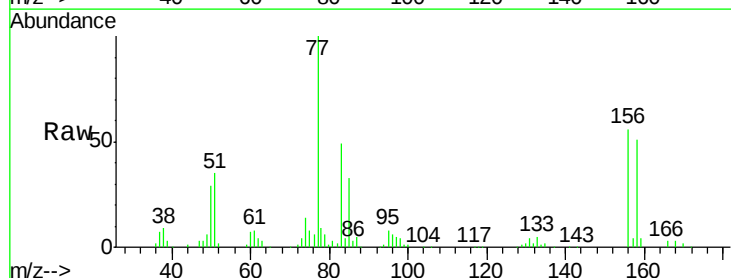
Tgt Ion: 83 Resp: 37490

Ion Ratio Lower Upper

83 100

85 66.0 45.6 84.6

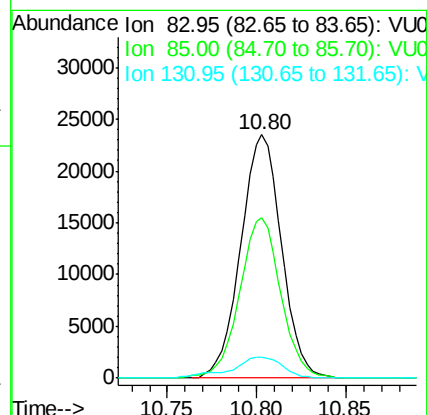
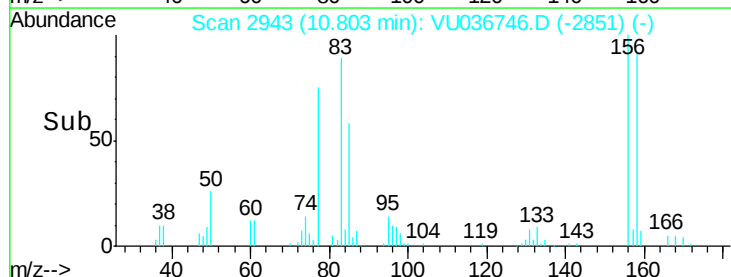
131 8.8 6.8 10.2

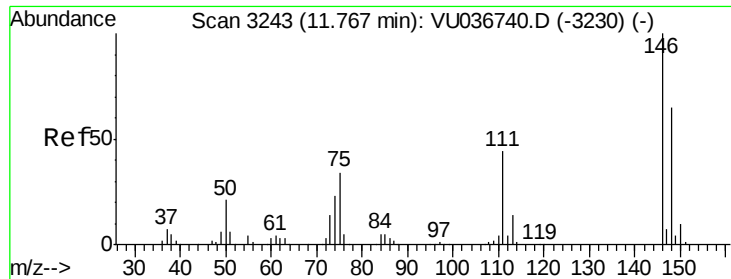


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#62

1,3-Dichlorobenzene

Concen: 2.048 ug/L

RT: 11.76 min Scan# 3242

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

DBCT3

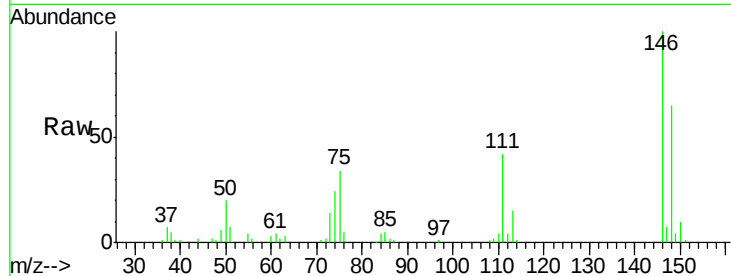
Tot Ion:146 Resp: 34186

Ion Ratio Lower Upper

146 100

111 41.9 30.0 55.8

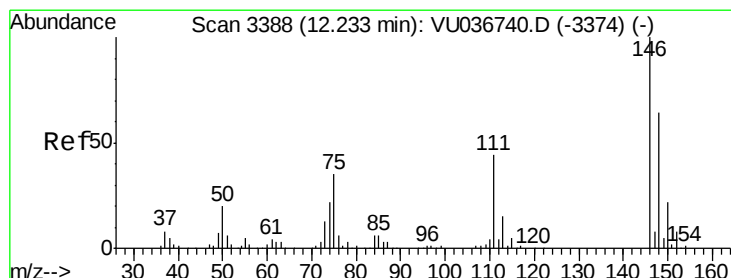
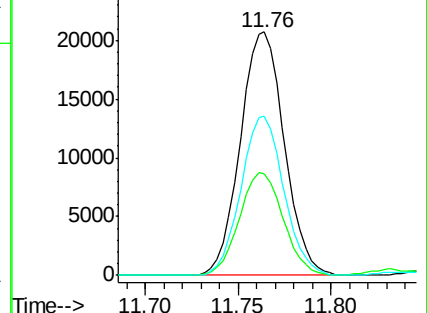
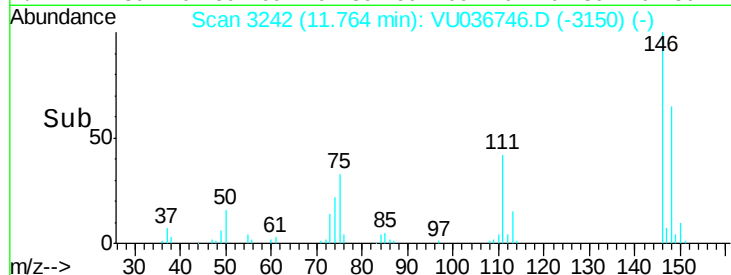
148 65.2 44.5 82.7



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: 2.030 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. -0.00 min

Lab File: VU036746.D

Acq: 12 Feb 2020 13:22

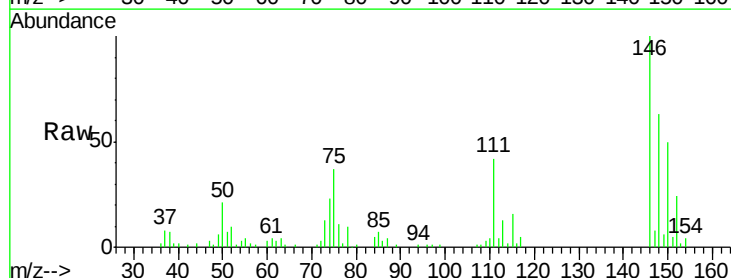
Tgt Ion:146 Resp: 32670

Ion Ratio Lower Upper

146 100

111 42.2 35.9 53.9

148 63.4 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

