

Data File : VU036805.D
Acq On : 17 Feb 2020 13:15
Operator : JC/MD
Sample : L1540-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX8

Quant Time: Feb 18 00:48:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	129653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40361	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	38637	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.59	63	82309	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.67	46	109435	46.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	5.11	84	74823	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	43077	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	161193	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	53636	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.92	98	144347	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.20	79	19022	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.66	63	96303	45.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42015	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45539	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	20440	2.387	ug/L 99
3) Chloromethane	1.54	50	71076	7.975	ug/L 99
5) Vinyl chloride	1.62	62	59290	5.695	ug/L 98
6) Bromomethane	1.87	94	31409	5.021	ug/L 98
8) Chloroethane	1.95	64	33660	4.629	ug/L 99
9) Trichlorofluoromethane	2.16	101	122854	8.970	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	36728	4.199	ug/L 98
12) 1,1-Dichloroethene	2.60	96	46798	5.934	ug/L 90
16) Methylene chloride	3.08	84	38823	2.920	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	115254	4.934	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	57312	7.042	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	61706	6.265	ug/L 95
23) Bromochloromethane	5.02	128	7831	2.000	ug/L 96
25) Chloroform	5.13	83	79351	4.354	ug/L 100
27) 1,2-Dichloroethane	5.83	62	54220	4.667	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	65910	4.804	ug/L 99
31) Carbon tetrachloride	5.56	117	52991	4.787	ug/L 99

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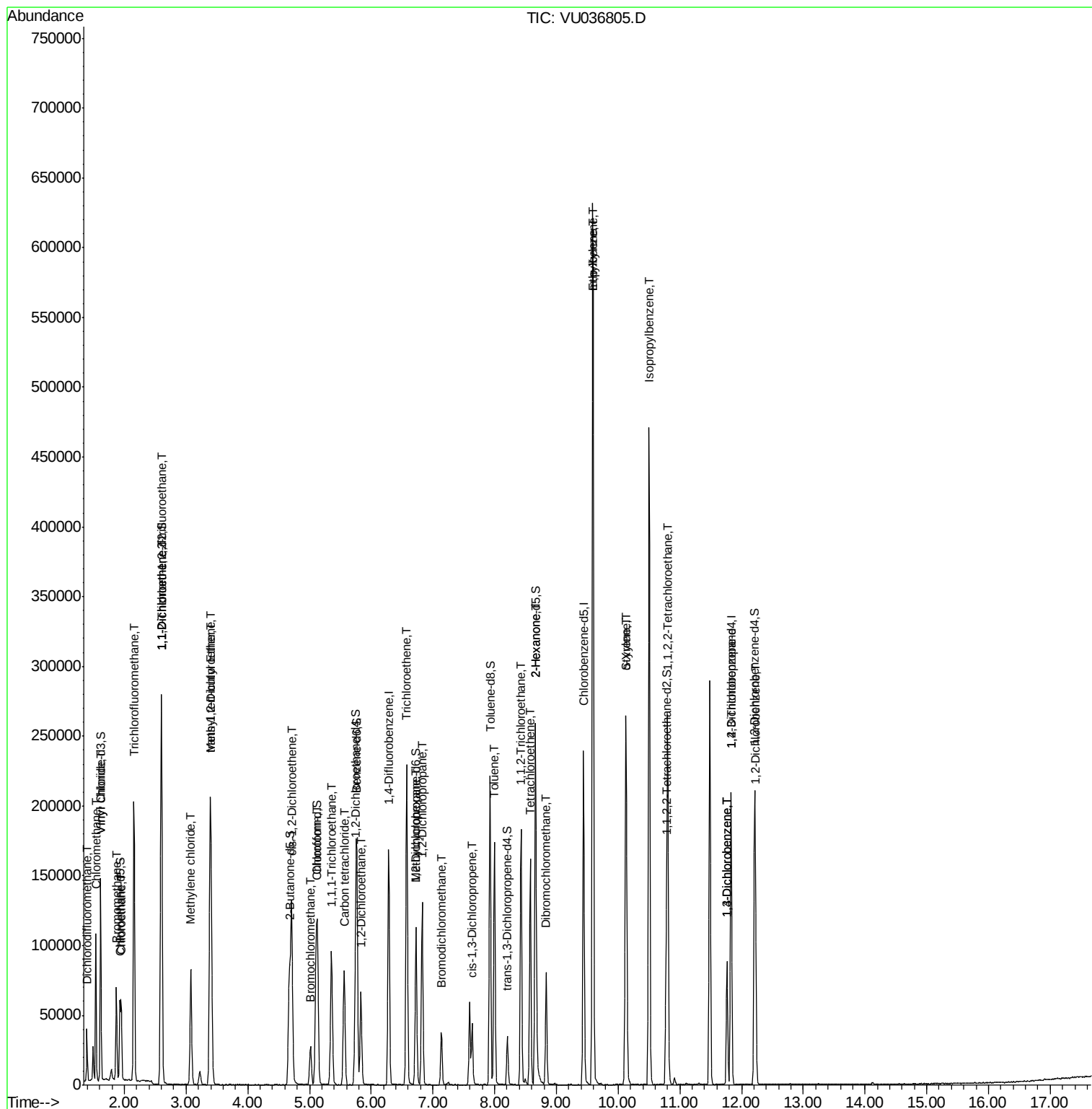
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	78107	7.959	ug/L	99
35) Methylcyclohexane	6.72	83	11451	0.735	ug/L #	20
37) 1,2-Dichloropropane	6.83	63	50173	4.769	ug/L	99
38) Bromodichloromethane	7.14	83	23672	1.885	ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	25234	1.658	ug/L	100
42) Toluene	8.00	91	123575	2.986	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	54146	7.397	ug/L	98
47) Tetrachloroethene	8.58	164	32909	4.929	ug/L	98
48) 2-Hexanone	8.66	43	11381	1.959	ug/L #	65
49) Dibromochloromethane	8.83	129	39283	5.190	ug/L	98
52) Ethylbenzene	9.59	91	447719	9.687	ug/L	99
53) m,p-Xylene	9.59	106	133946	7.875	ug/L #	14
54) o-Xylene	10.12	106	48181	2.884	ug/L	97
55) Styrene	10.13	104	73819	2.622	ug/L	100
56) Isopropylbenzene	10.50	105	299689	6.704	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	41595	4.341	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	8231	1.185	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	33344	1.888	ug/L	99
63) 1,4-Dichlorobenzene	11.76	146	33344	1.905	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	33021	1.939	ug/L	99

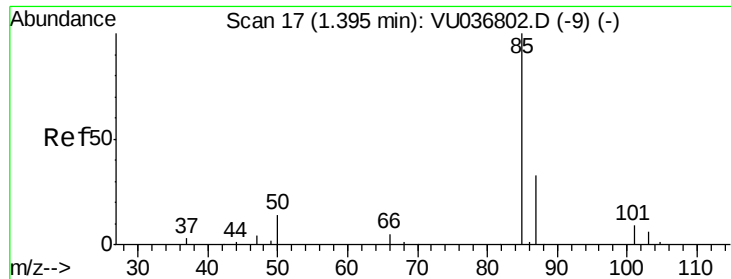
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.387 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

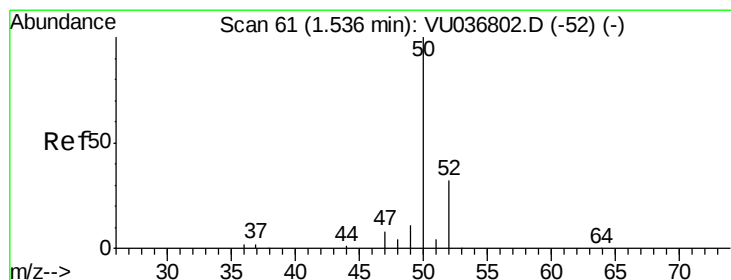
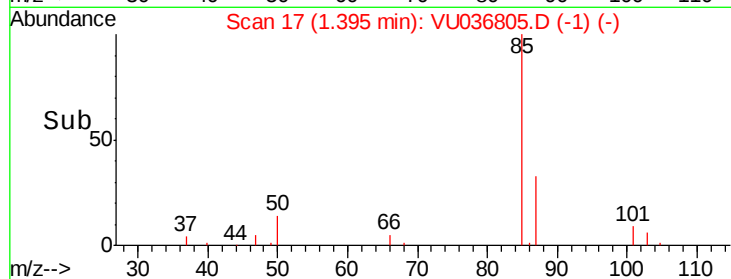
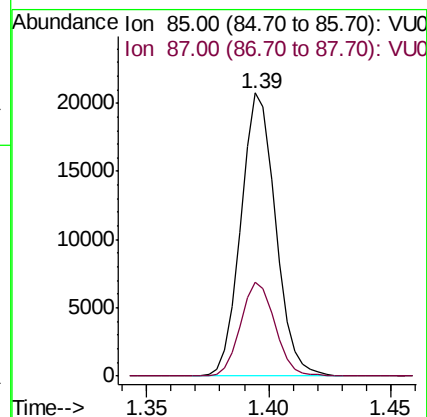
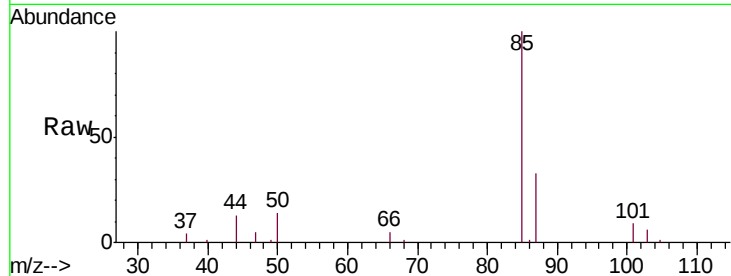
DBCX8

Tgt Ion: 85 Resp: 20440

Ion Ratio Lower Upper

85 100

87 32.8 25.7 38.5



#3

Chloromethane

Concen: 7.975 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036805.D

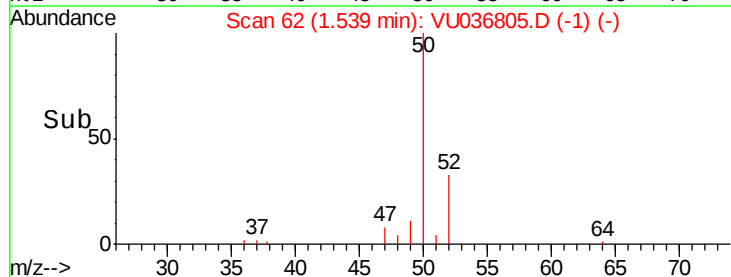
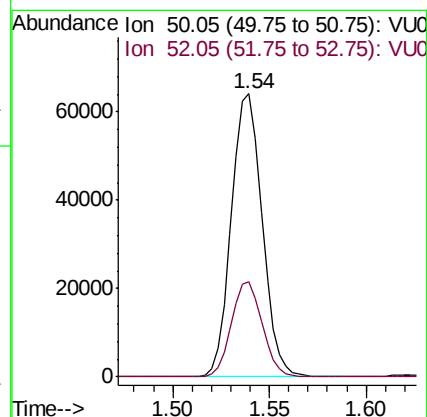
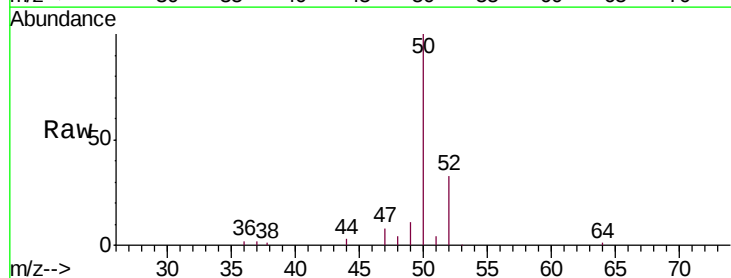
Acq: 17 Feb 2020 13:15

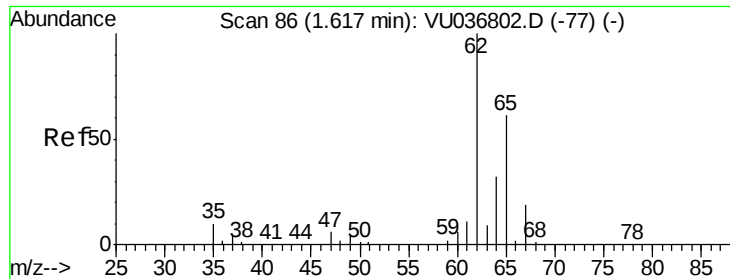
Tgt Ion: 50 Resp: 71076

Ion Ratio Lower Upper

50 100

52 33.4 23.8 44.2





#5

Vinyl chloride

Concen: 5.695 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

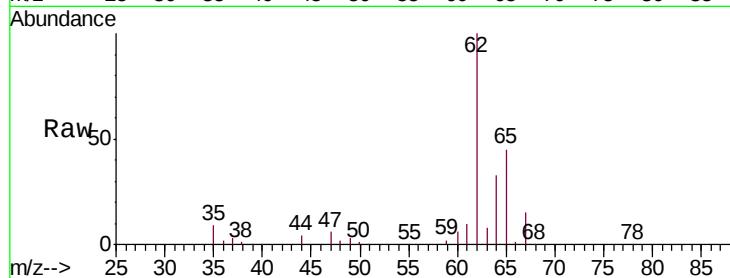
DBCX8

Tgt Ion: 62 Resp: 59290

Ion Ratio Lower Upper

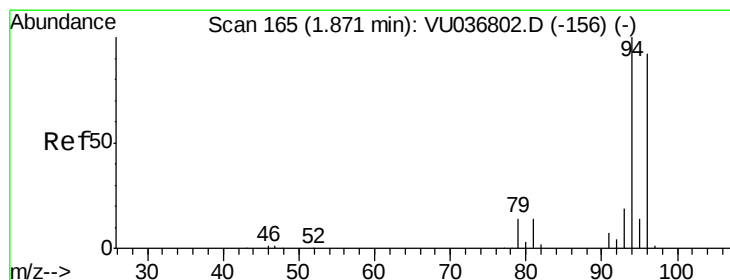
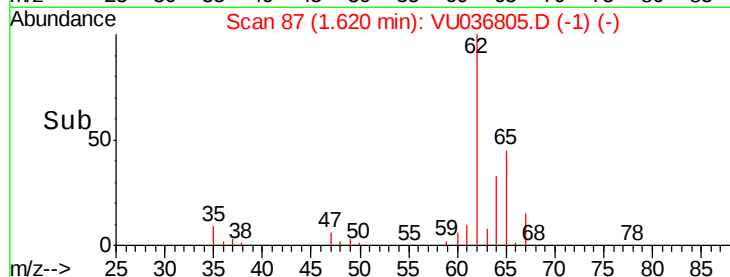
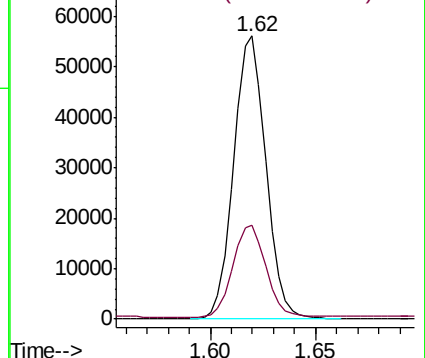
62 100

64 33.1 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU036802.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU036802.D (-77) (-)



#6

Bromomethane

Concen: 5.021 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU036805.D

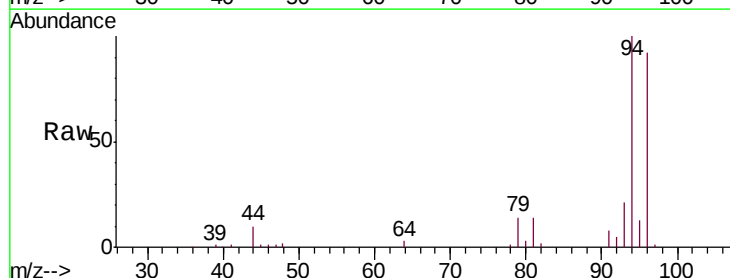
Acq: 17 Feb 2020 13:15

Tgt Ion: 94 Resp: 31409

Ion Ratio Lower Upper

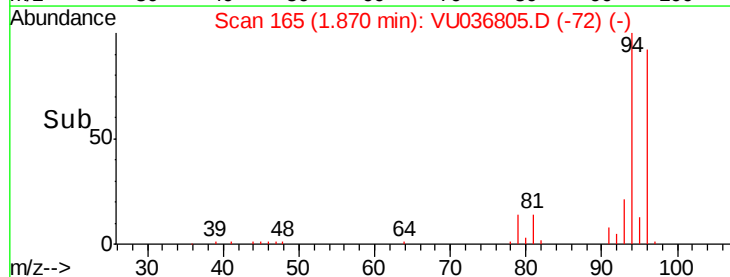
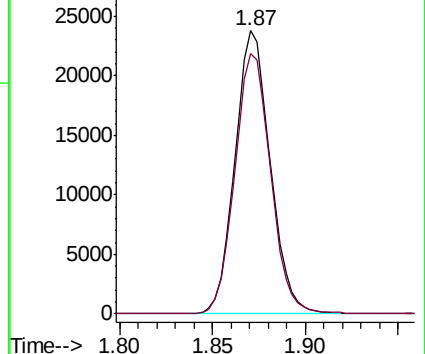
94 100

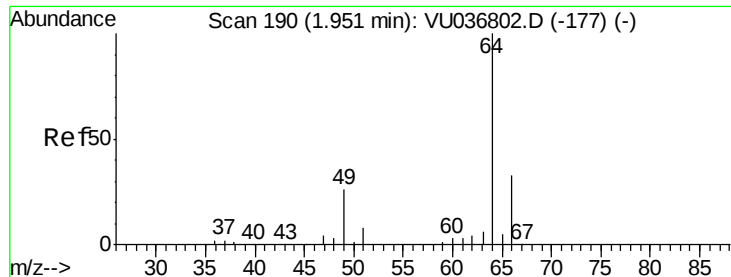
96 92.1 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU036802.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU036802.D (-156) (-)

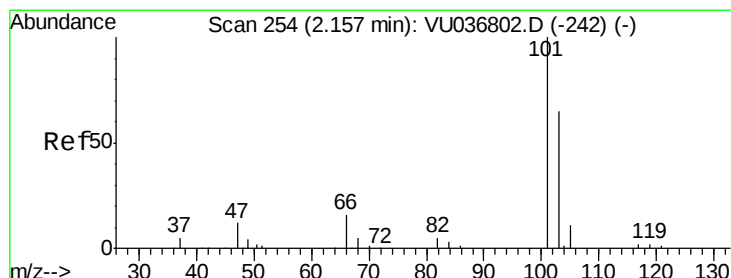
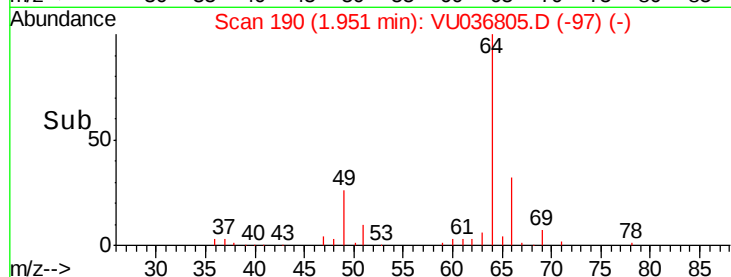
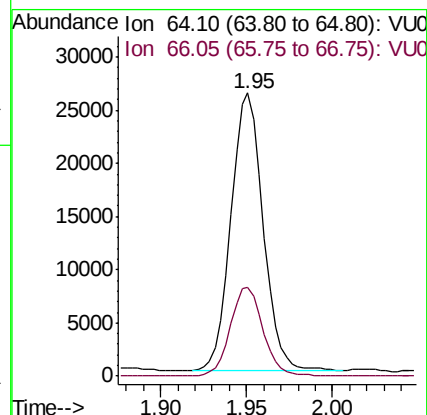
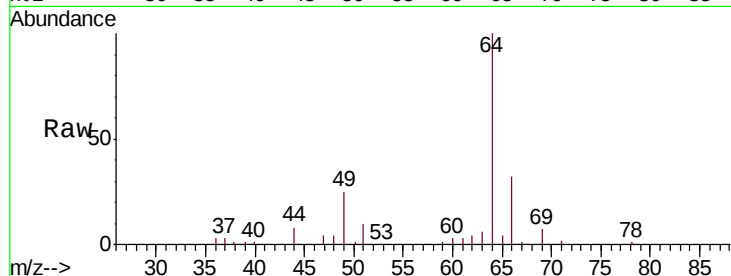




#8
Chloroethane
Concen: 4.629 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU036805.D
Acq: 17 Feb 2020 13:15

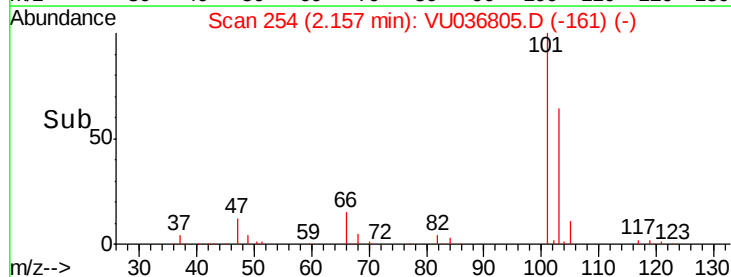
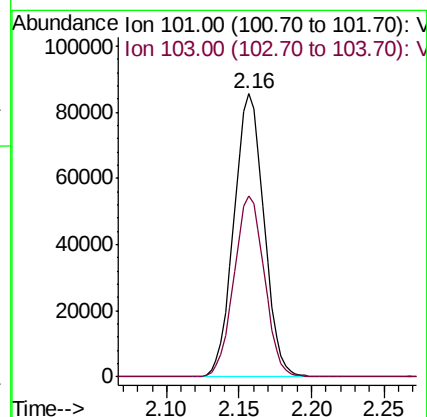
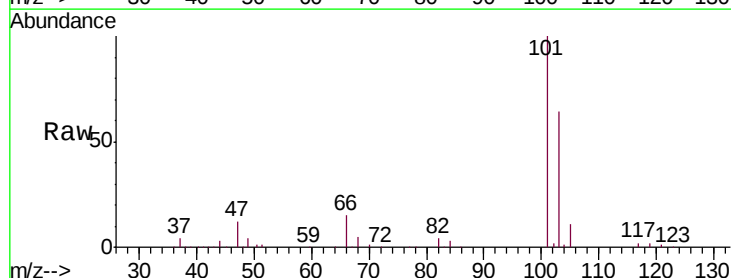
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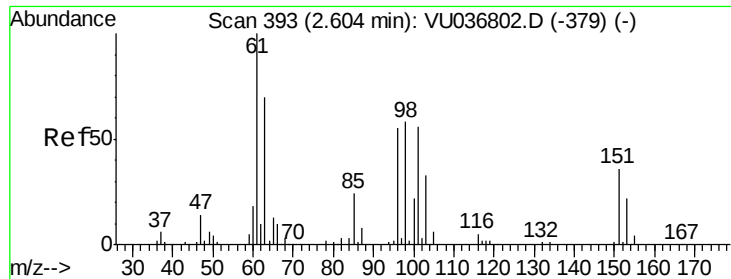
Tgt Ion: 64 Resp: 33660
Ion Ratio Lower Upper
64 100
66 31.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 8.970 ug/L
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU036805.D
Acq: 17 Feb 2020 13:15

Tgt Ion: 101 Resp: 122854
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6





#10

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

Concen: 4.199 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

DBCX8

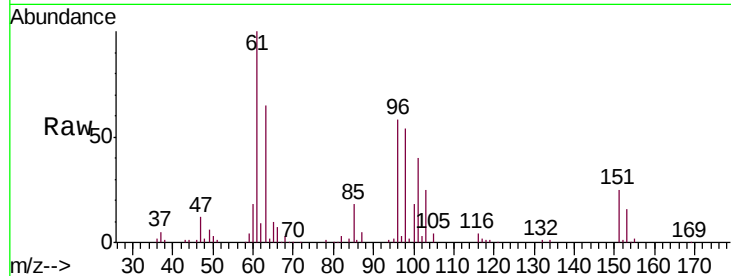
Tgt Ion:101 Resp: 36728

Ion Ratio Lower Upper

101 100

85 44.6 36.4 54.6

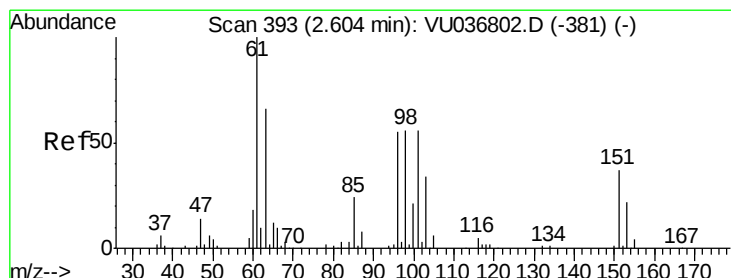
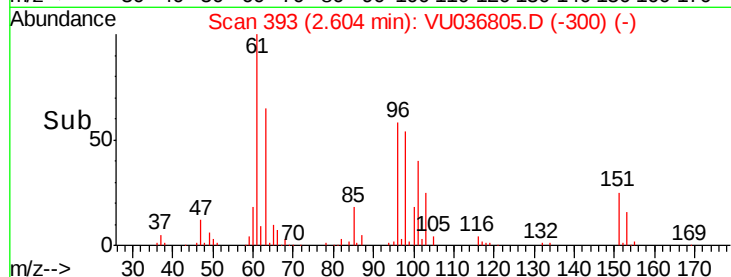
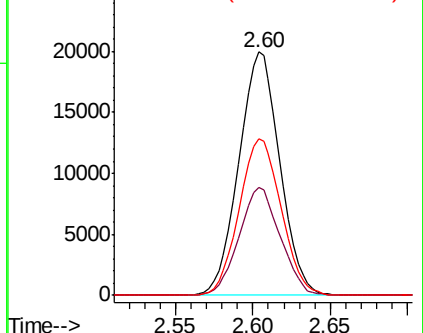
151 66.0 54.0 81.0



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: 5.934 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

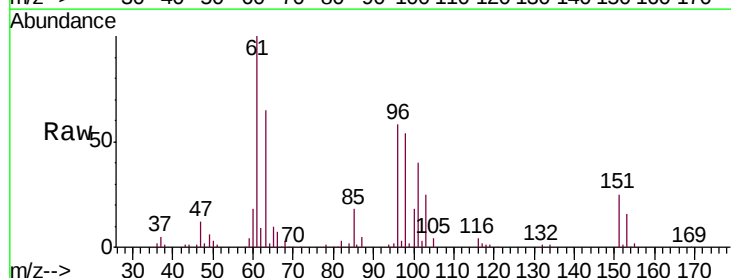
Tgt Ion: 96 Resp: 46798

Ion Ratio Lower Upper

96 100

61 171.4 126.4 234.8

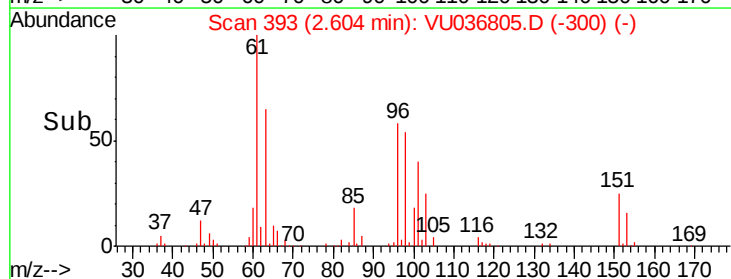
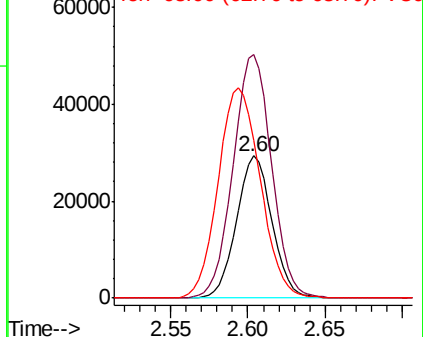
63 110.9 89.5 166.3

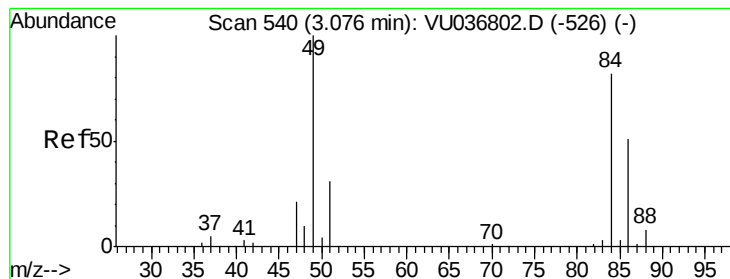


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methylene chloride

Concen: 2.920 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

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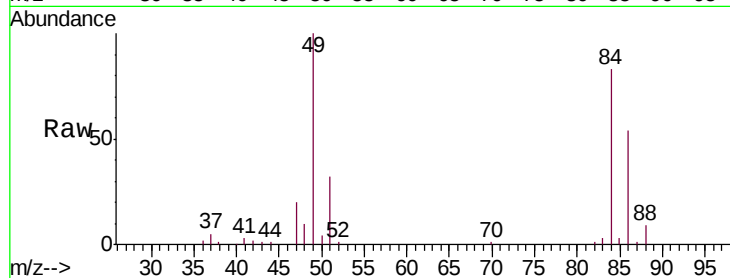
Tgt Ion: 84 Resp: 38823

Ion Ratio Lower Upper

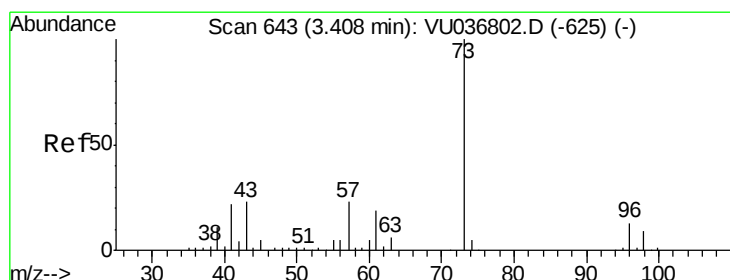
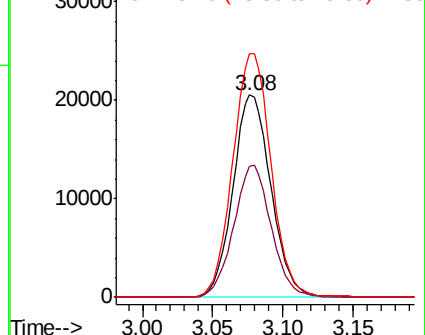
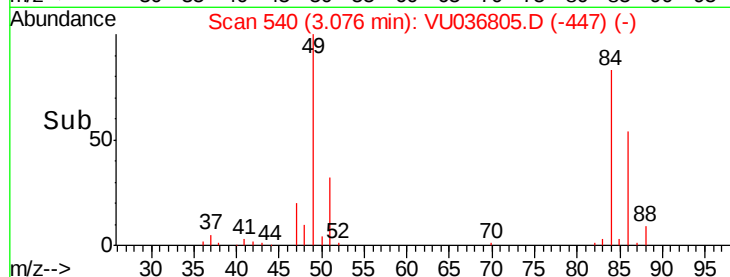
84 100

86 64.9 44.7 82.9

49 120.2 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036805.D (-447) (-)



#17

Methyl tert-butyl Ether

Concen: 4.934 ug/L

RT: 3.40 min Scan# 642

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

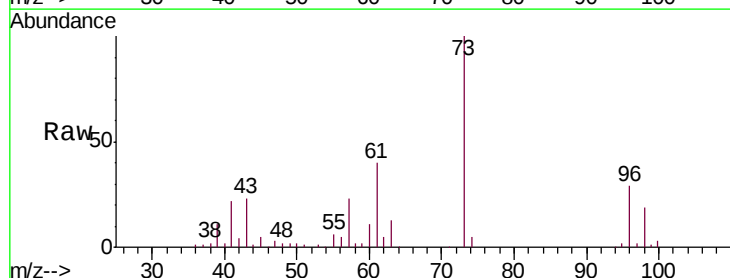
Tgt Ion: 73 Resp: 115254

Ion Ratio Lower Upper

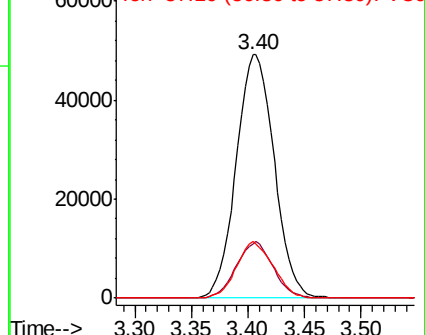
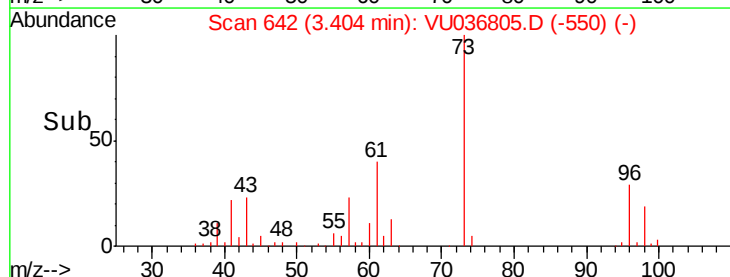
73 100

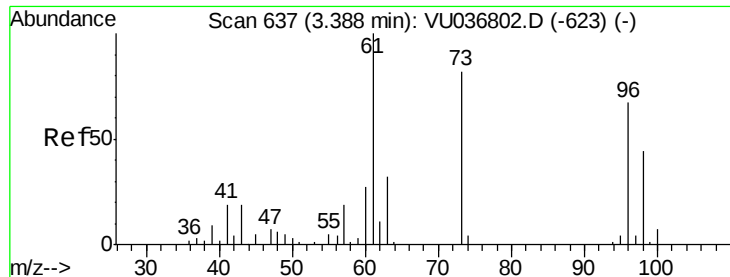
43 22.3 18.7 28.1

57 22.3 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU036805.D (-550) (-)

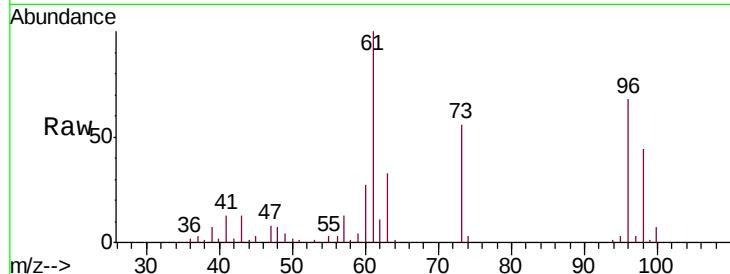




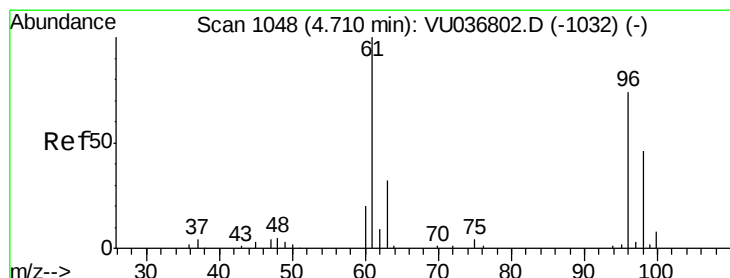
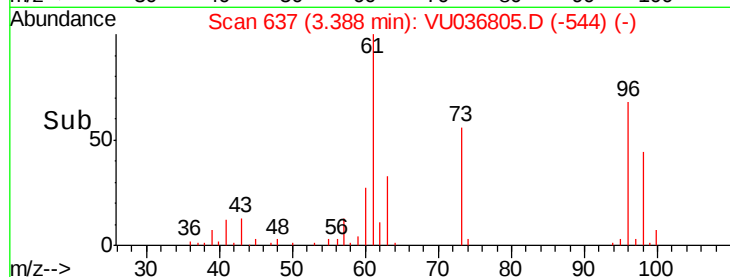
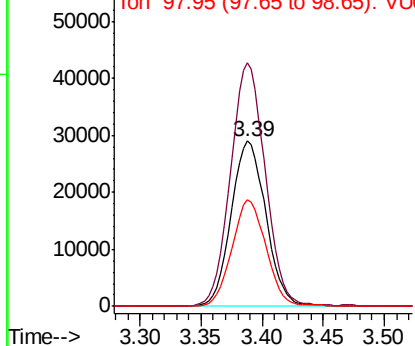
#18
 trans-1,2-Dichloroethene
 Concen: 7.042 ug/L
 RT: 3.39 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Instrument :
 MSVOA_U
 ClientSampleID :
 DBCX8

Tgt Ion: 96 Resp: 57312
 Ion Ratio Lower Upper
 96 100
 61 147.3 102.6 190.5
 98 64.6 44.5 82.7

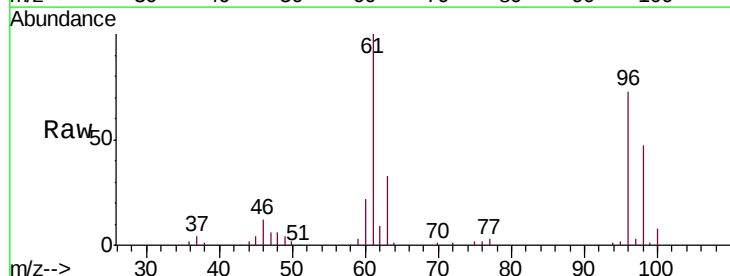


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

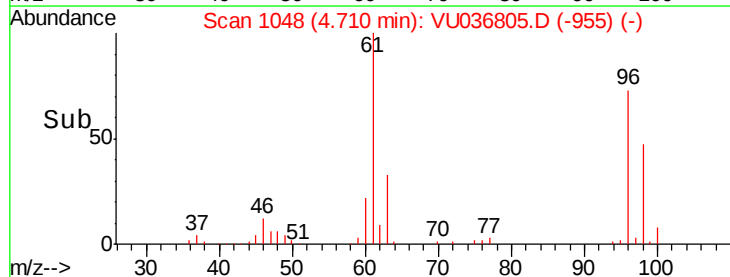
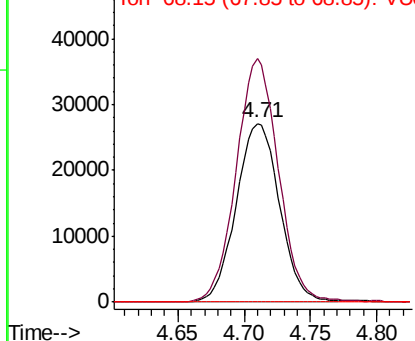


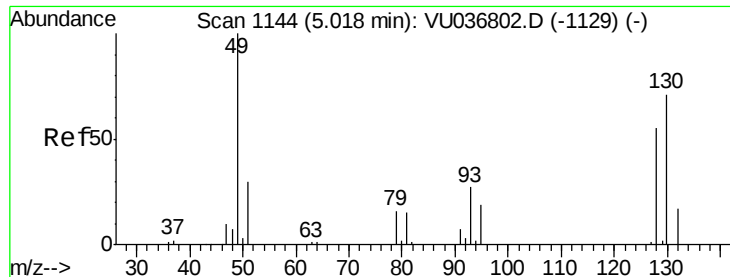
#22
 cis-1,2-Dichloroethene
 Concen: 6.265 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Tgt Ion: 96 Resp: 61706
 Ion Ratio Lower Upper
 96 100
 61 136.1 91.2 169.4
 68 0.0 0.0 0.0



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

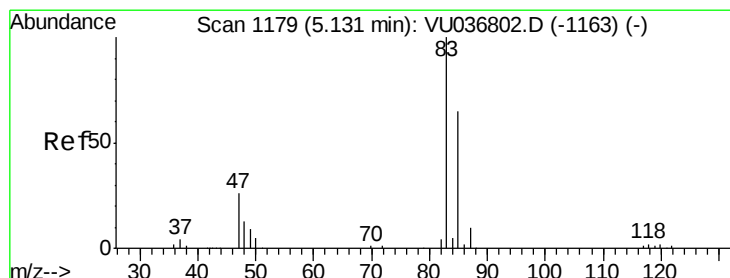
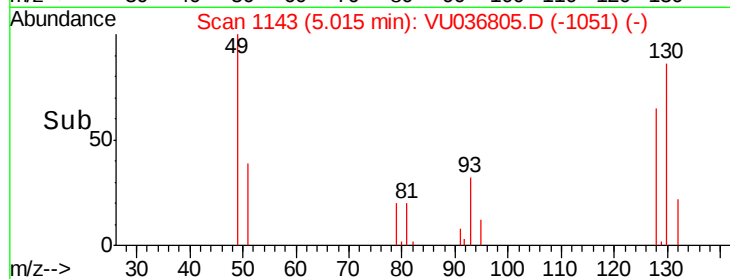
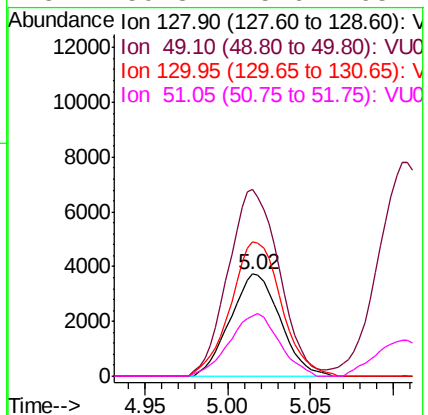
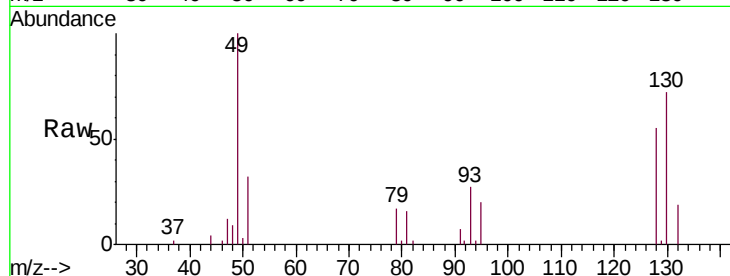




#23
 Bromochloromethane
 Concen: 2.000 ug/L
 RT: 5.02 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

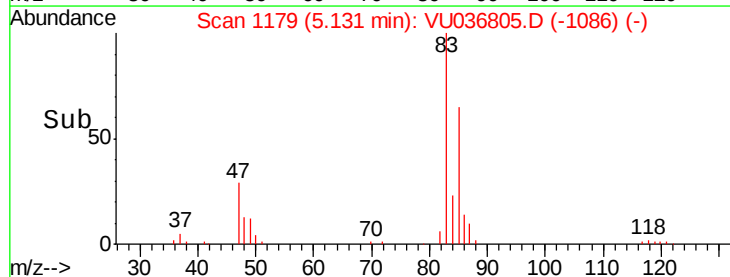
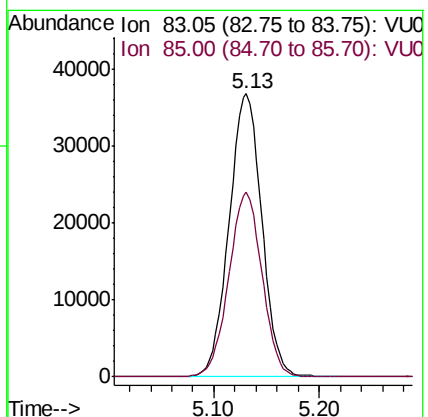
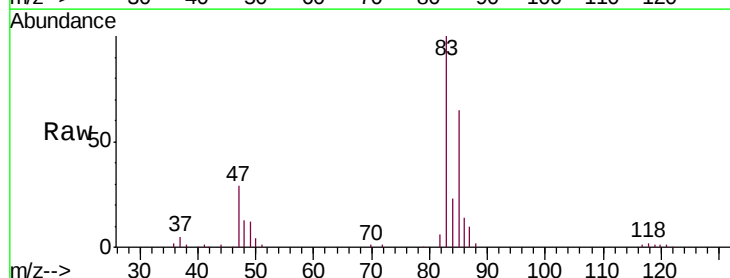
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX8

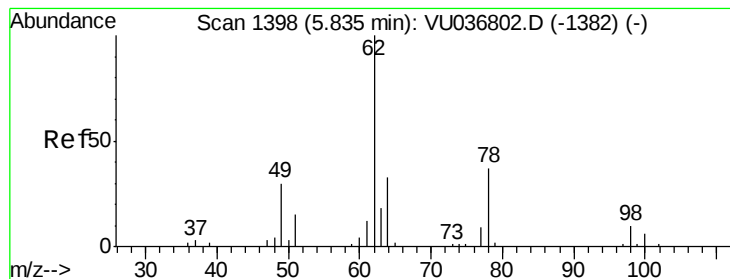
Tgt Ion:128 Resp: 7831
 Ion Ratio Lower Upper
 128 100
 49 182.7 132.4 245.8
 130 132.0 89.0 165.2
 51 59.3 45.6 68.4



#25
 Chloroform
 Concen: 4.354 ug/L
 RT: 5.13 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Tgt Ion: 83 Resp: 79351
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.4 84.2

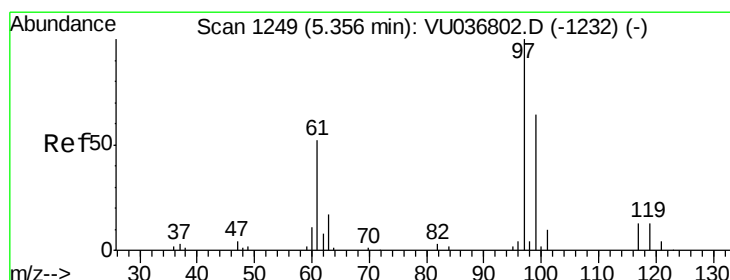
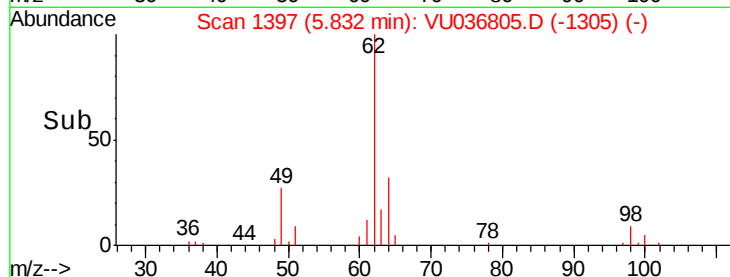
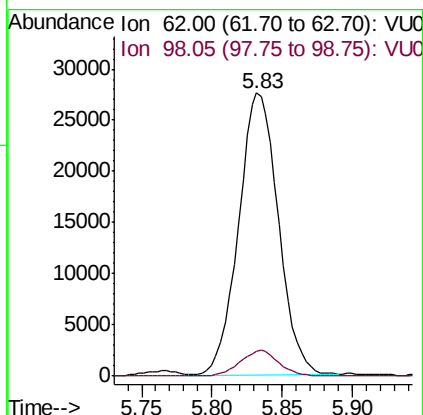
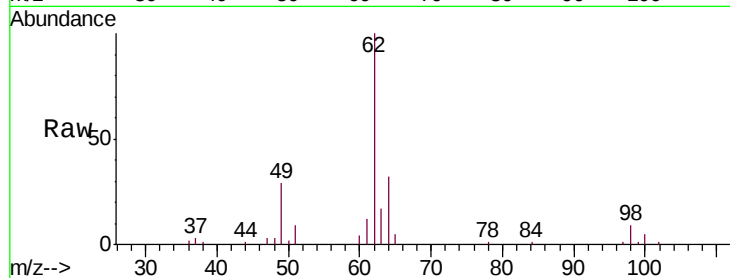




#27
 1,2-Dichloroethane
 Concen: 4.667 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

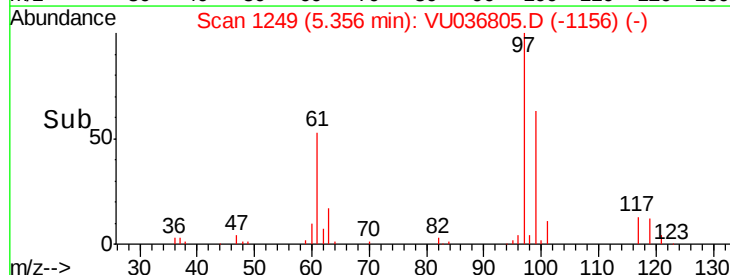
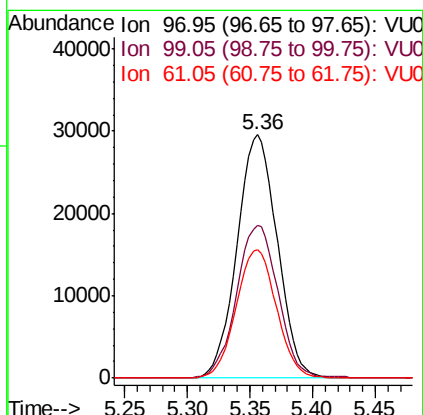
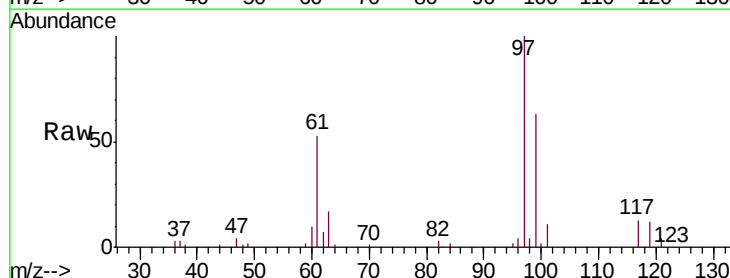
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX8

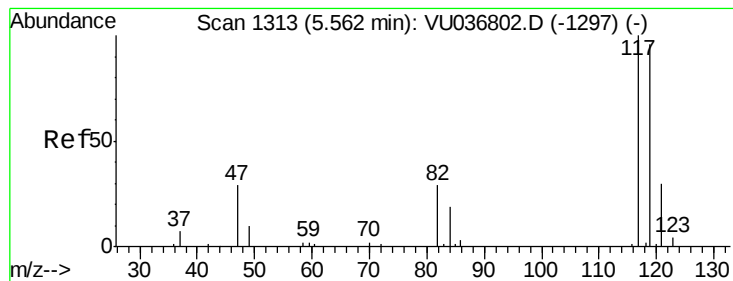
Tgt Ion: 62 Resp: 54220
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.0 10.4



#29
 1,1,1-Trichloroethane
 Concen: 4.804 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Tgt Ion: 97 Resp: 65910
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.0 76.4
 61 52.8 41.6 62.4





#31

Carbon tetrachloride

Concen: 4.787 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampled :

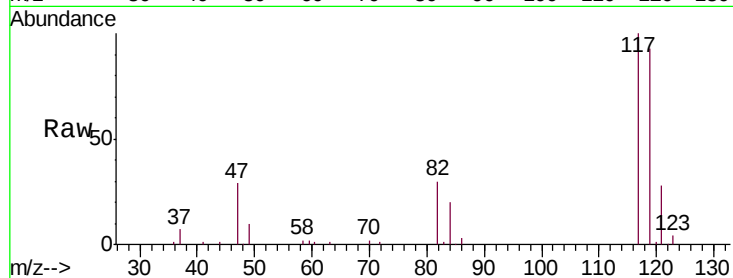
DBCX8

Tgt Ion: 117 Resp: 52991

Ion Ratio Lower Upper

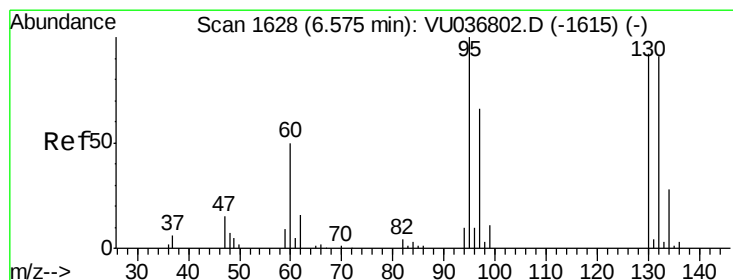
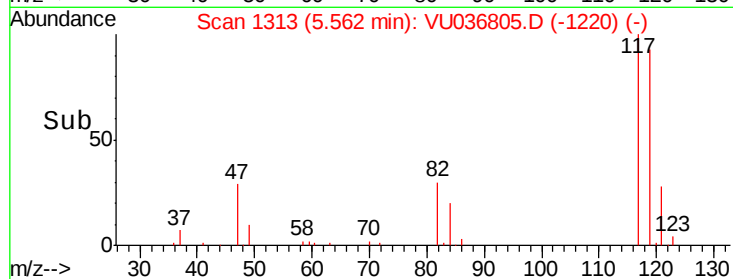
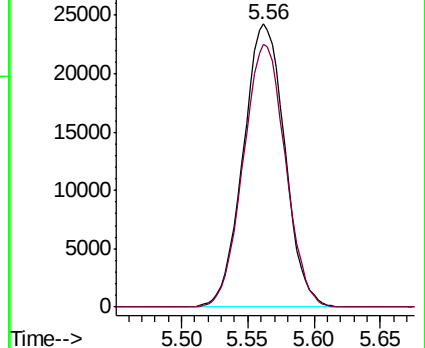
117 100

119 94.0 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: 7.959 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Tgt Ion: 95 Resp: 78107

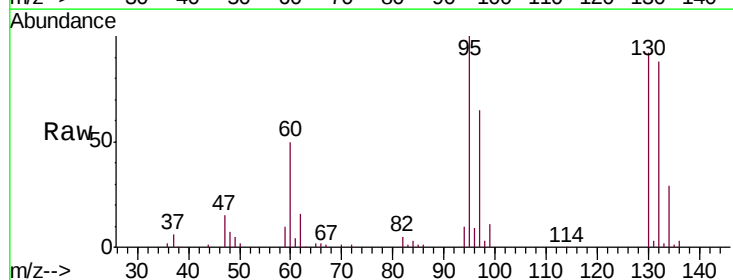
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.8

132 88.1 62.8 116.6

130 91.7 63.8 118.4

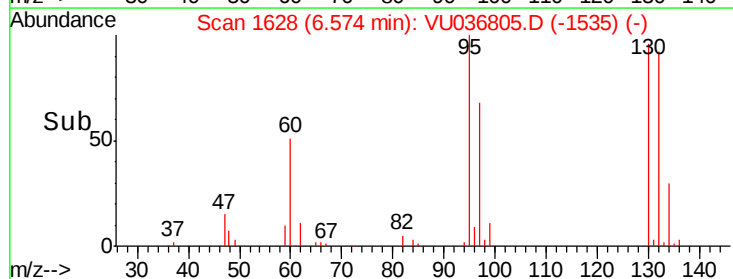
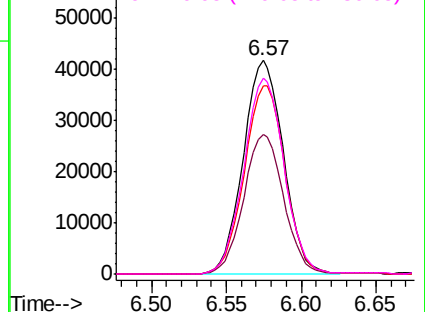


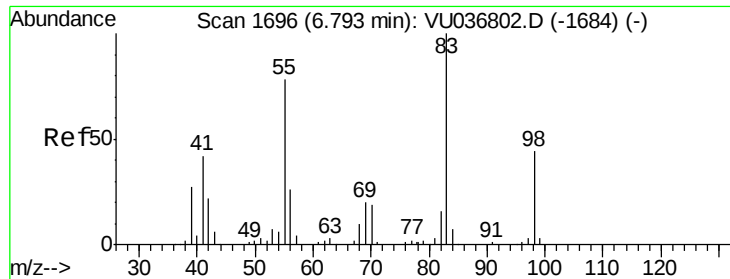
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

DBCX8

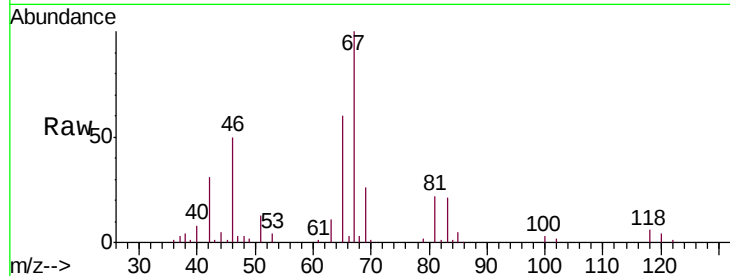
Tgt Ion: 83 Resp: 11451

Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.4#

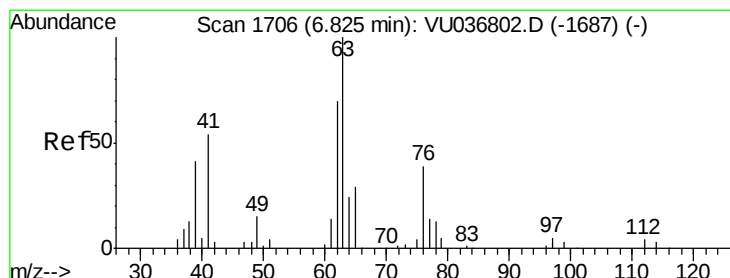
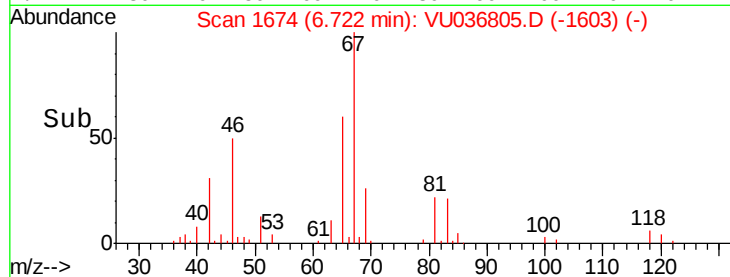
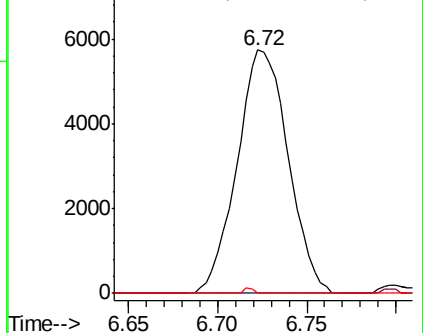
98 1.2 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036805.D (-1674) (-)

Ion 55.10 (54.80 to 55.80): VU036805.D (-1674) (-)

Ion 98.15 (97.85 to 98.85): VU036805.D (-1674) (-)



#37

1,2-Dichloropropane

Concen: 4.769 ug/L

RT: 6.83 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VU036805.D

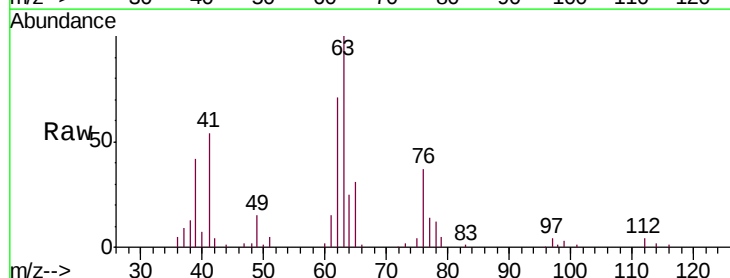
Acq: 17 Feb 2020 13:15

Tgt Ion: 63 Resp: 50173

Ion Ratio Lower Upper

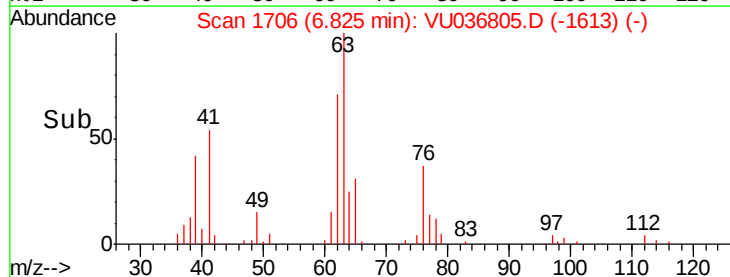
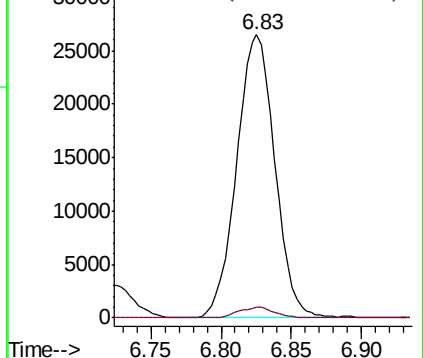
63 100

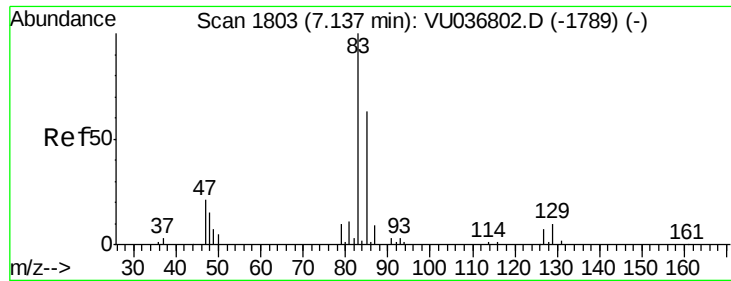
112 3.5 3.0 4.4



Abundance Ion 63.10 (62.80 to 63.80): VU036805.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU036805.D (-1613) (-)





#38

Bromodichloromethane

Concen: 1.885 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

DBCX8

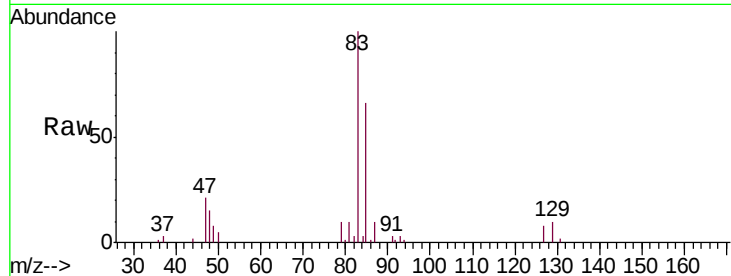
Tgt Ion: 83 Resp: 23672

Ion Ratio Lower Upper

83 100

85 65.7 43.0 80.0

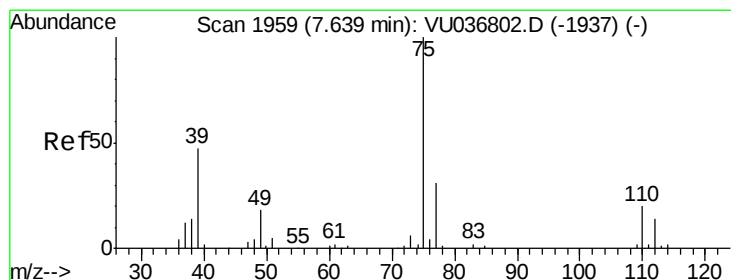
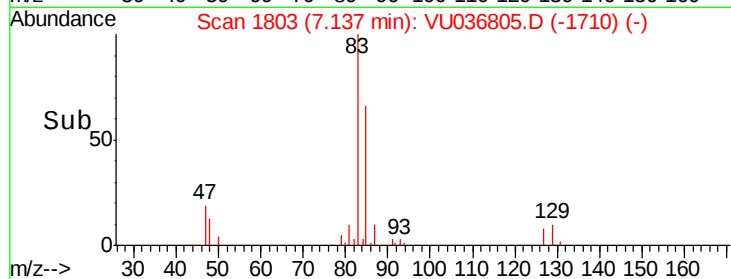
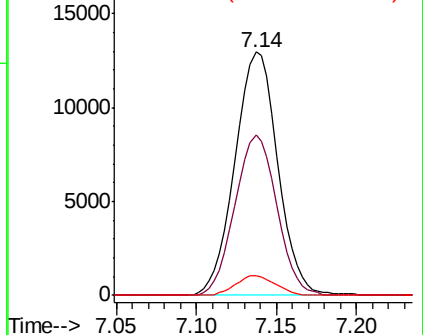
127 8.2 6.3 9.5



Abundance Ion 82.95 (82.65 to 83.65): VU036805.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU036805.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU036805.D (-1710) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.658 ug/L

RT: 7.64 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VU036805.D

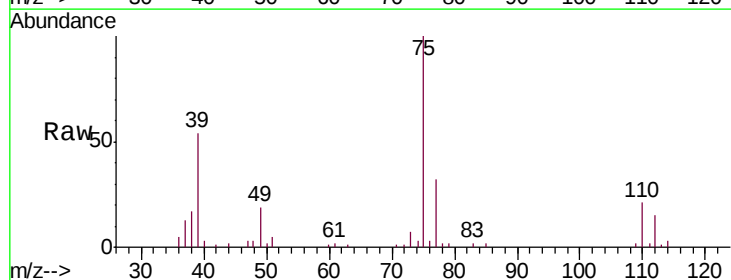
Acq: 17 Feb 2020 13:15

Tgt Ion: 75 Resp: 25234

Ion Ratio Lower Upper

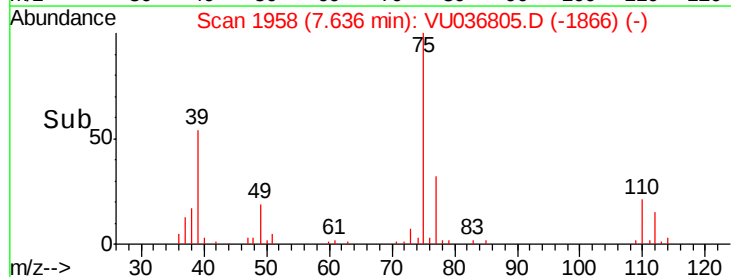
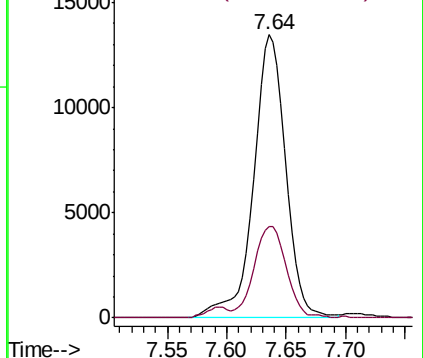
75 100

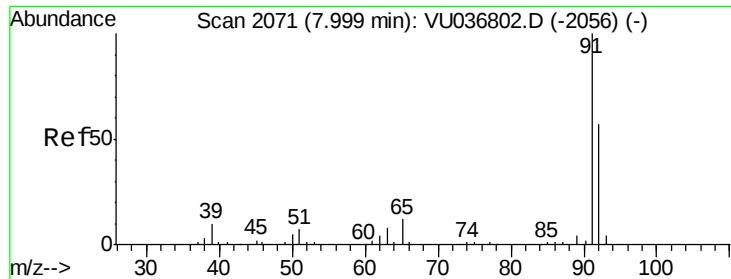
77 32.2 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU036805.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036805.D (-1866) (-)





#42

Toluene

Concen: 2.986 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

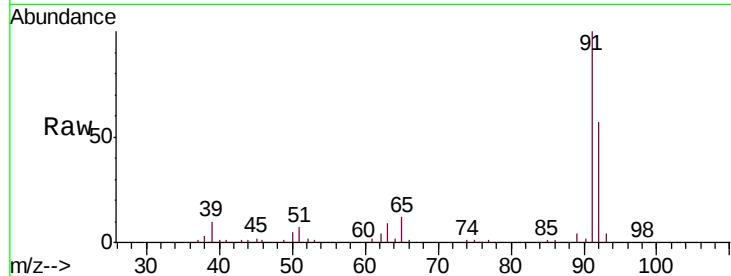
DBCX8

Tgt Ion: 91 Resp: 123575

Ion Ratio Lower Upper

91 100

92 57.1 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036802.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036802.D (-2056) (-)

8.00

80000

60000

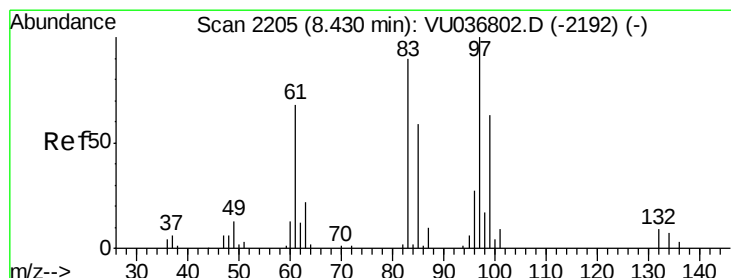
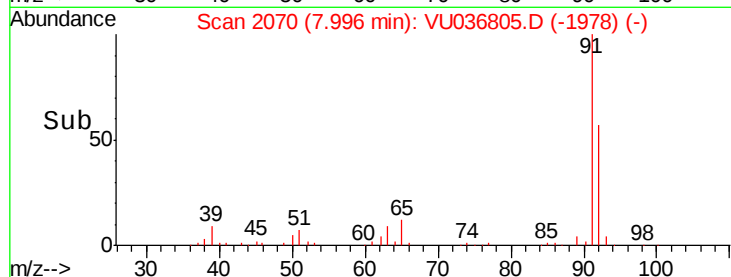
40000

20000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#45

1,1,2-Trichloroethane

Concen: 7.397 ug/L

RT: 8.43 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Tgt Ion: 97 Resp: 54146

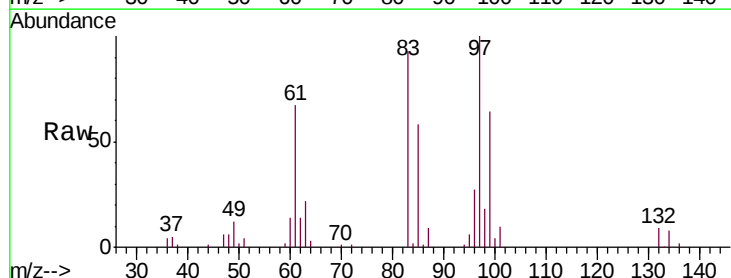
Ion Ratio Lower Upper

97 100

99 63.9 44.1 81.9

83 92.7 63.5 117.9

85 58.1 41.2 76.4



Abundance Ion 96.95 (96.65 to 97.65): VU036802.D (-2192) (-)

Ion 99.05 (98.75 to 99.75): VU036802.D (-2192) (-)

Ion 82.95 (82.65 to 83.65): VU036802.D (-2192) (-)

Ion 85.00 (84.70 to 85.70): VU036802.D (-2192) (-)

8.43

50000

40000

30000

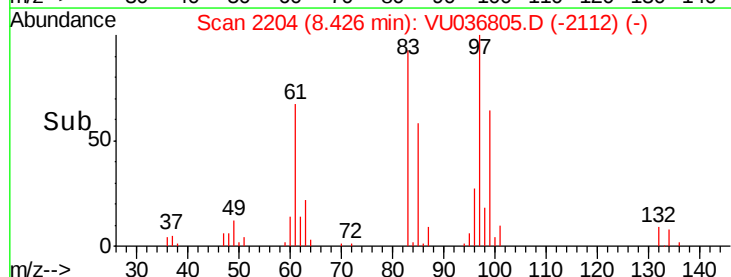
20000

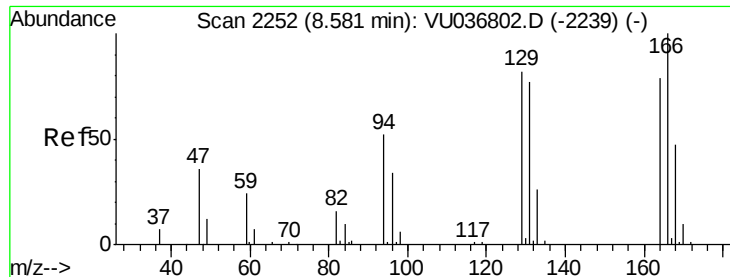
10000

0

Time-->

8.35 8.40 8.45 8.50





#47

Tetrachloroethene

Concen: 4.929 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

DBCX8

Tgt Ion:164 Resp: 32909

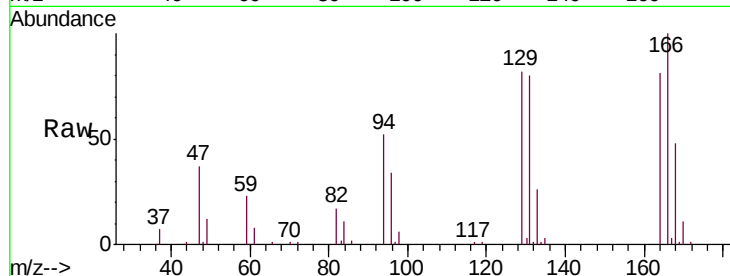
Ion Ratio Lower Upper

164 100

129 100.8 68.0 126.4

131 98.6 69.4 128.8

166 123.0 86.6 160.8

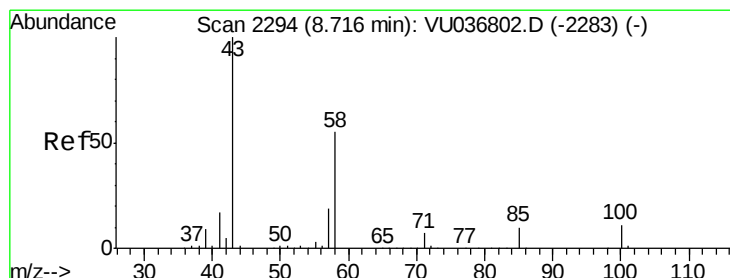
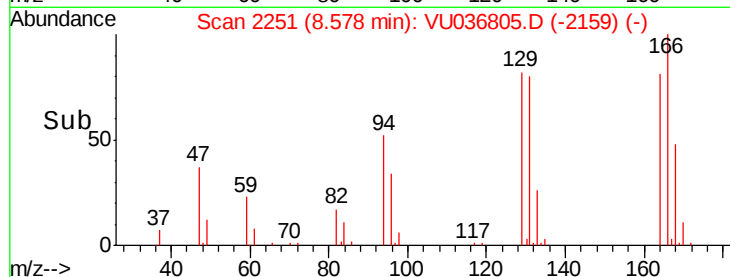
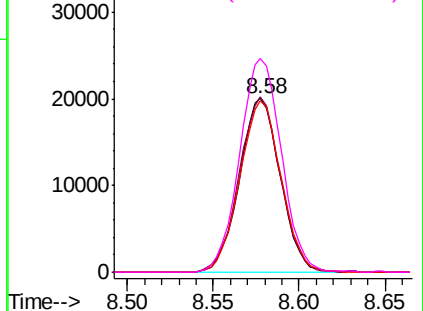


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 1.959 ug/L

RT: 8.66 min Scan# 2277

Delta R.T. -0.05 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Tgt Ion: 43 Resp: 11381

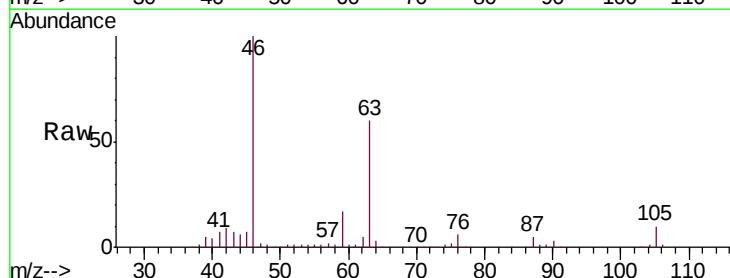
Ion Ratio Lower Upper

43 100

58 22.9 43.6 65.4#

57 24.1 15.0 22.4#

100 0.0 9.0 13.6#

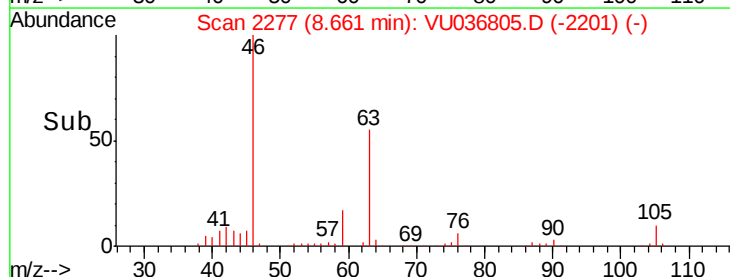
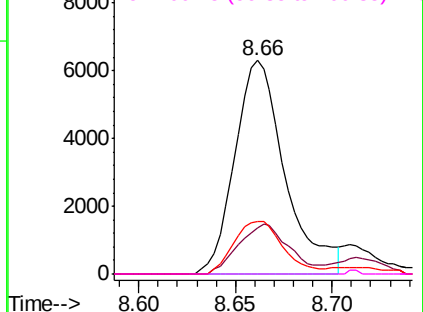


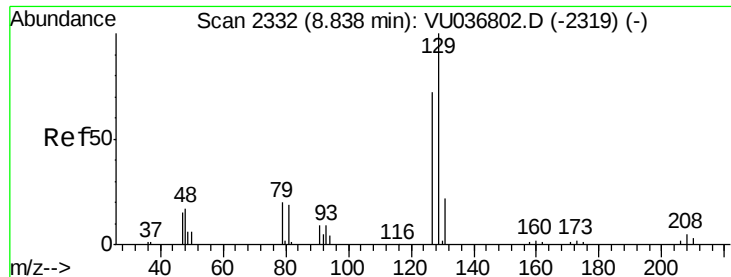
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

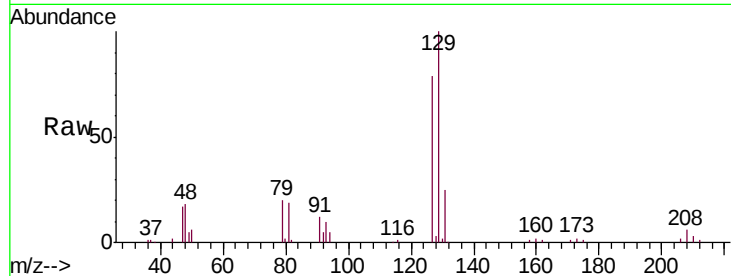




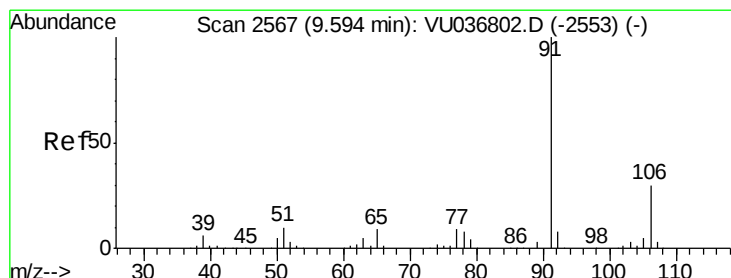
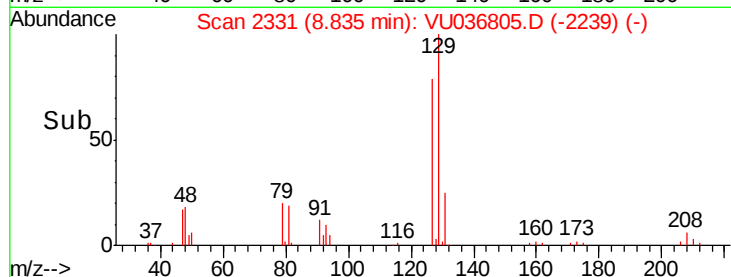
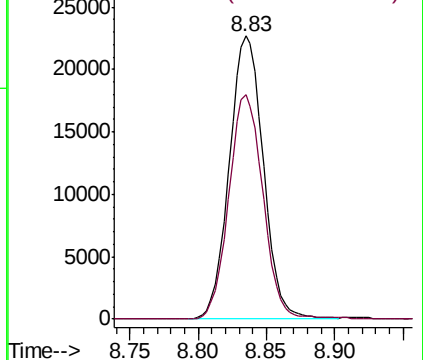
#49
Dibromochloromethane
Concen: 5.190 ug/L
RT: 8.83 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU036805.D
Acq: 17 Feb 2020 13:15

Instrument :
MSVOA_U
ClientSampleId :
DBCX8

Tgt Ion: 129 Resp: 39283
Ion Ratio Lower Upper
129 100
127 79.3 56.7 105.3

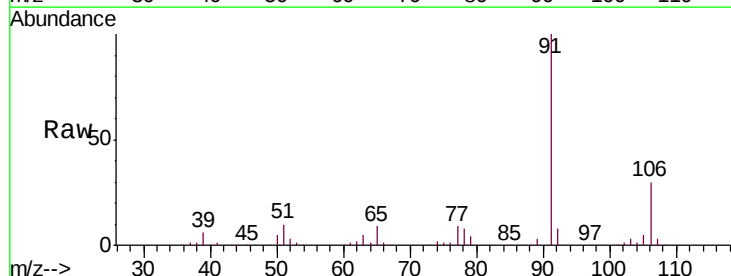


Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

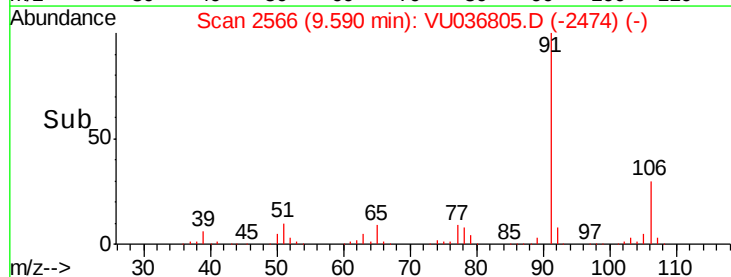
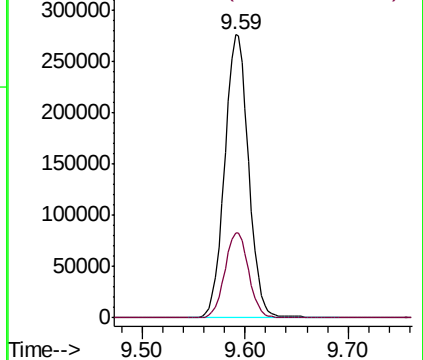


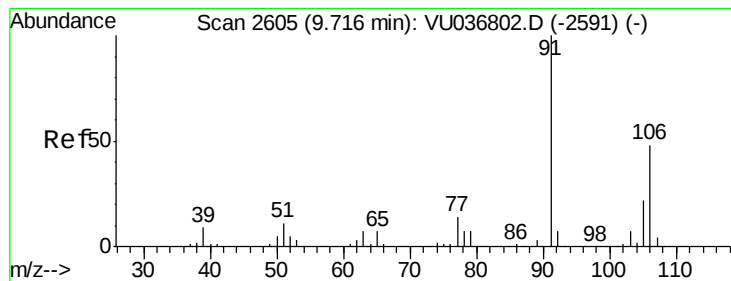
#52
Ethylbenzene
Concen: 9.687 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU036805.D
Acq: 17 Feb 2020 13:15

Tgt Ion: 91 Resp: 447719
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



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





#53

m,p-Xylene

Concen: 7.875 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.13 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

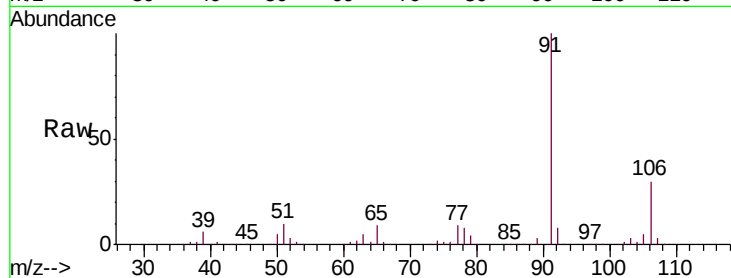
DBCX8

Tgt Ion:106 Resp: 133946

Ion Ratio Lower Upper

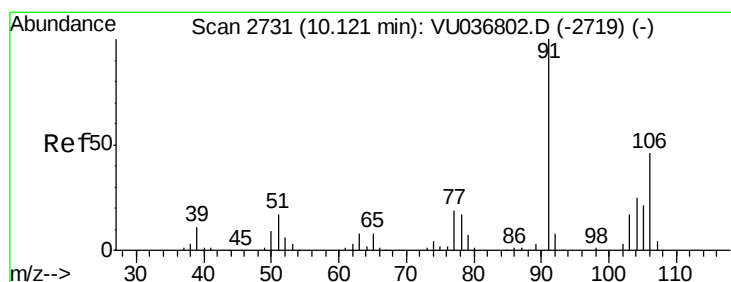
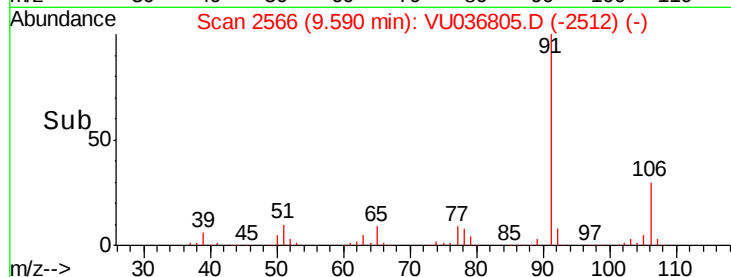
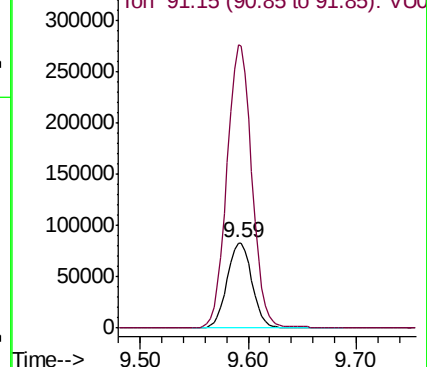
106 100

91 332.6 141.1 262.0#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 2.884 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036805.D

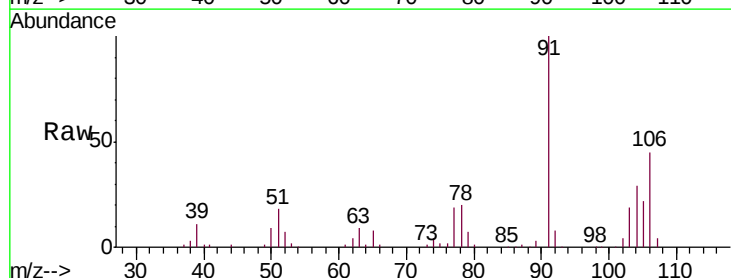
Acq: 17 Feb 2020 13:15

Tgt Ion:106 Resp: 48181

Ion Ratio Lower Upper

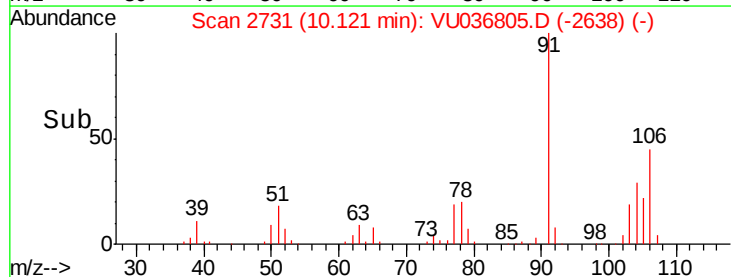
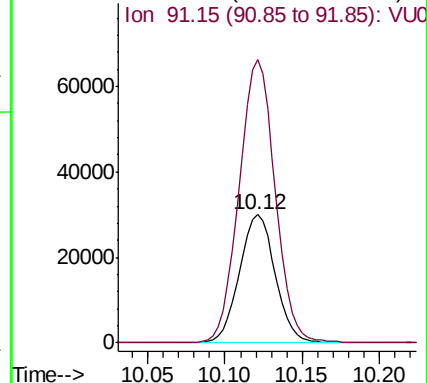
106 100

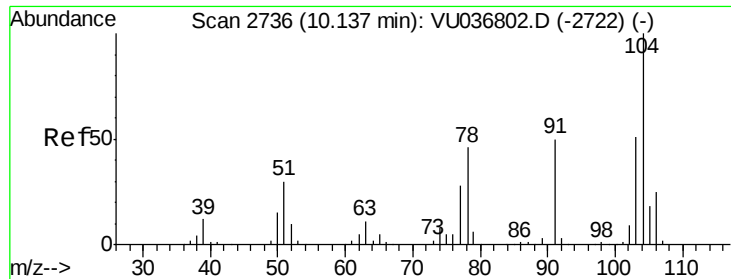
91 220.6 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Styrene

Concen: 2.622 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

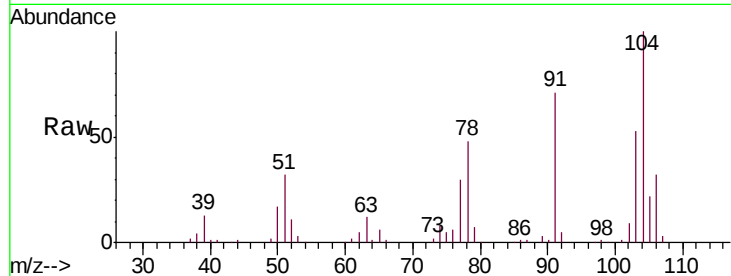
DBCX8

Tgt Ion:104 Resp: 73819

Ion Ratio Lower Upper

104 100

78 47.8 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

10.13

40000

30000

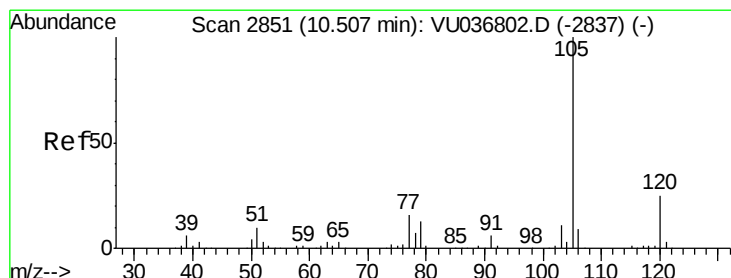
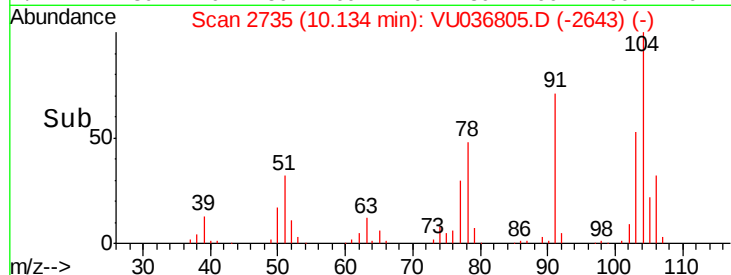
20000

10000

0

Time-->

10.10 10.20



#56

Isopropylbenzene

Concen: 6.704 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

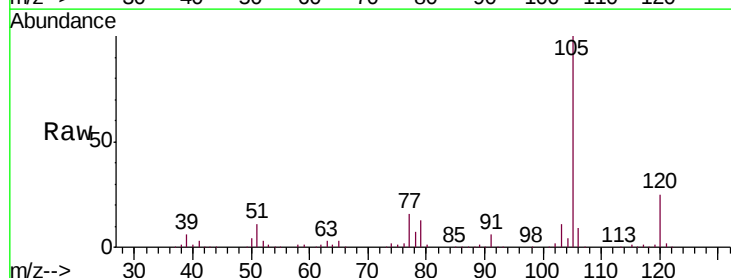
Tgt Ion:105 Resp: 299689

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 16.4 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

10.50

250000

200000

150000

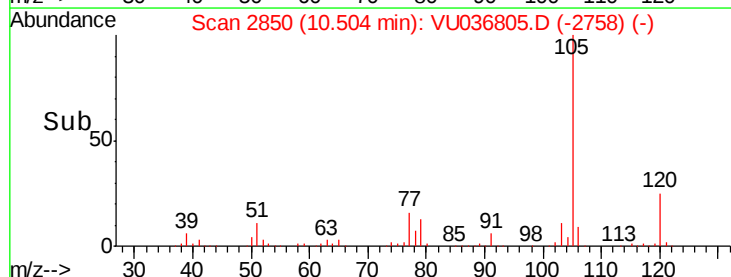
100000

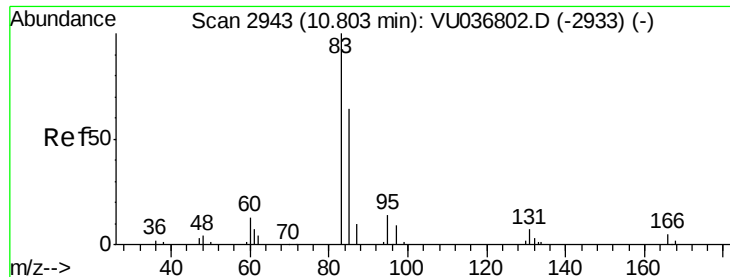
50000

0

Time-->

10.50 10.60

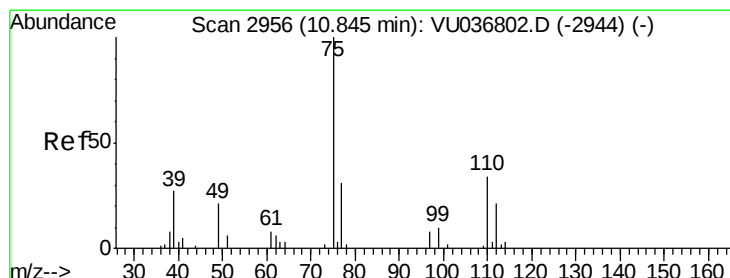
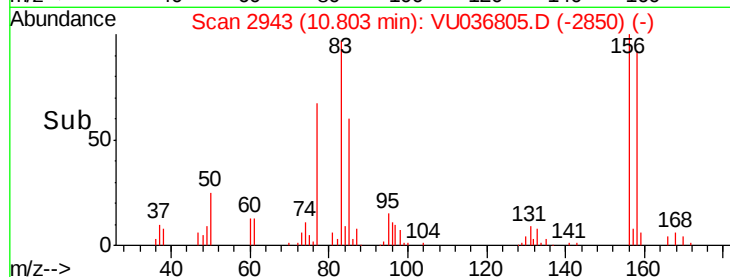
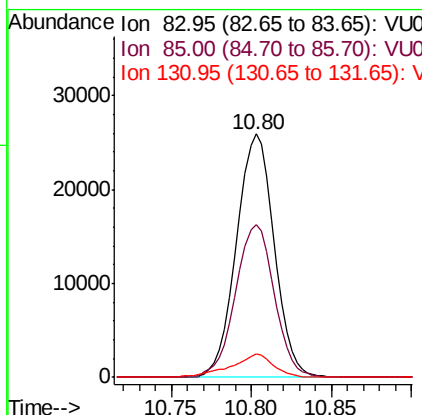
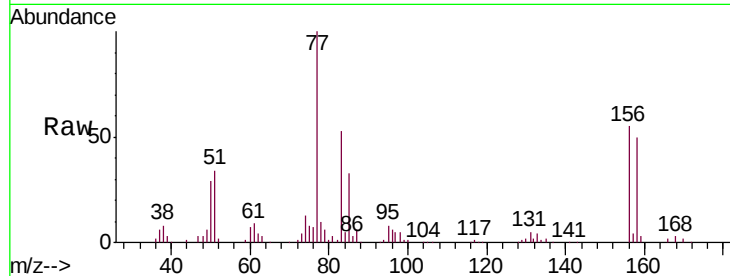




#58
 1,1,2,2-Tetrachloroethane
 Concen: 4.341 ug/L
 RT: 10.80 min Scan# 2943
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

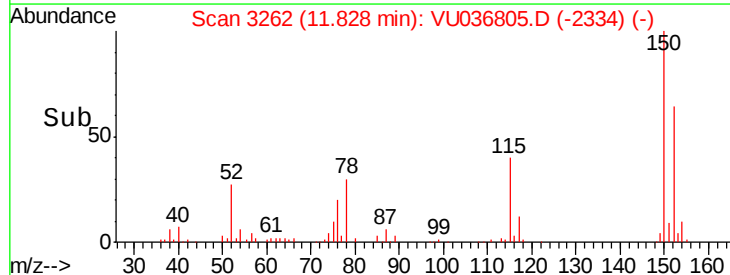
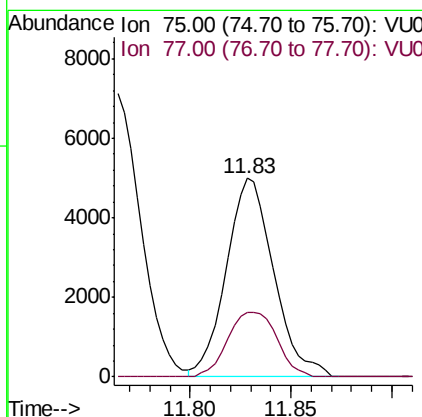
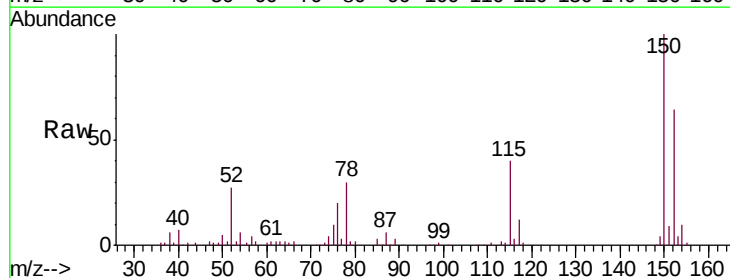
Instrument :
 MSVOA_U
 ClientSampled :
 DBCX8

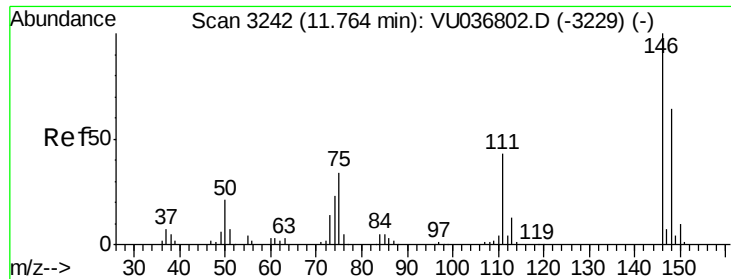
Tgt Ion: 83 Resp: 41595
 Ion Ratio Lower Upper
 83 100
 85 62.8 45.6 84.6
 131 9.6 6.8 10.2



#59
 1,2,3-Trichloropropane
 Concen: 1.185 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Tgt Ion: 75 Resp: 8231
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.6 38.4





#62

1,3-Dichlorobenzene

Concen: 1.888 ug/L

RT: 11.76 min Scan# 3242

Delta R.T. -0.00 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

DBCX8

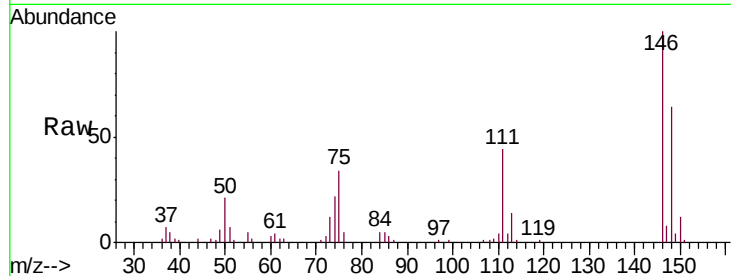
Tgt Ion:146 Resp: 33344

Ion Ratio Lower Upper

146 100

111 43.6 30.0 55.8

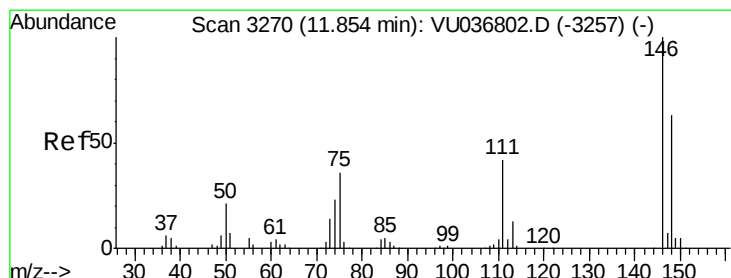
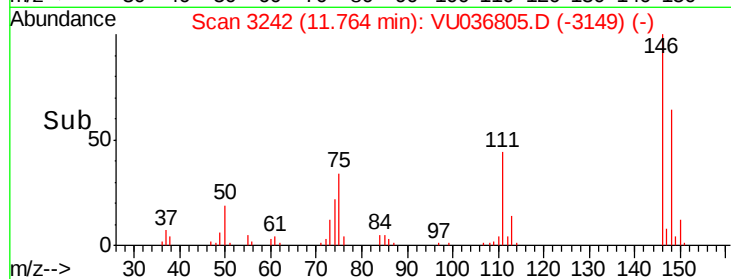
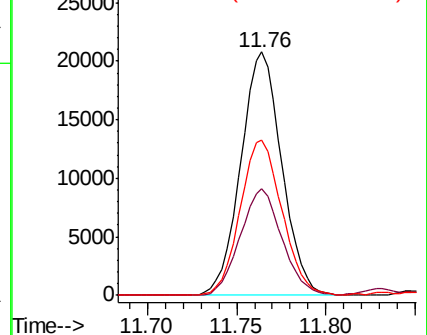
148 63.9 44.5 82.7



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



#63

1,4-Dichlorobenzene

Concen: 1.905 ug/L

RT: 11.76 min Scan# 3242

Delta R.T. -0.09 min

Lab File: VU036805.D

Acq: 17 Feb 2020 13:15

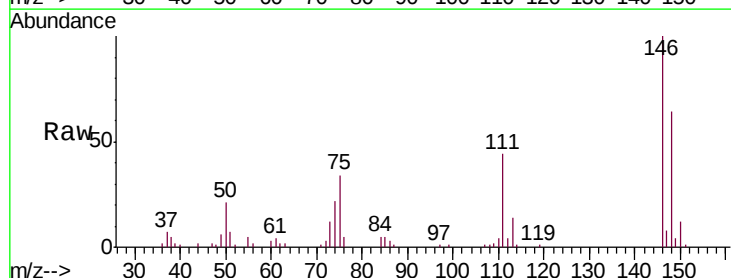
Tgt Ion:146 Resp: 33344

Ion Ratio Lower Upper

146 100

111 43.6 29.2 54.2

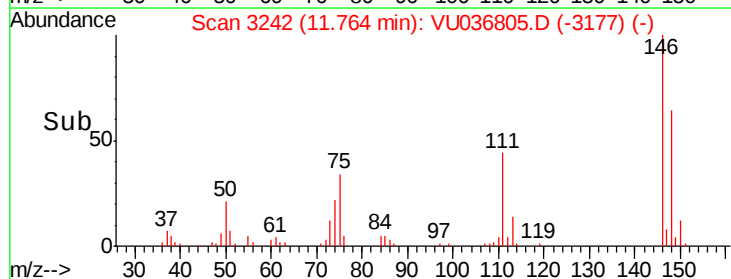
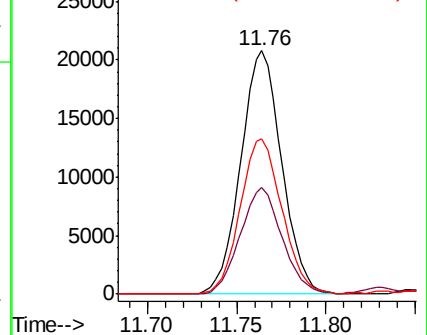
148 63.9 44.3 82.3

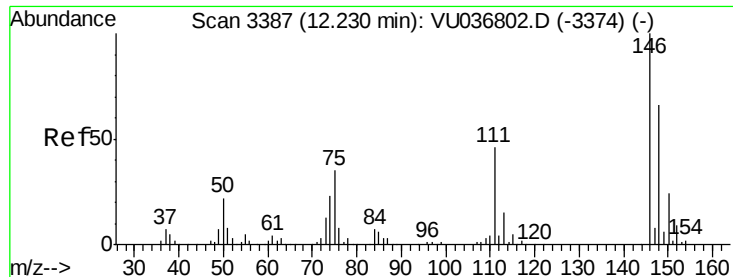


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 1.939 ug/L
 RT: 12.23 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU036805.D
 Acq: 17 Feb 2020 13:15

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX8

Tgt Ion:146 Resp: 33021
 Ion Ratio Lower Upper
 146 100
 111 45.2 35.9 53.9
 148 62.5 50.4 75.6

