

Data File : VW014996.D
Acq On : 14 Feb 2020 14:37
Operator : SY/VA
Sample : MDL06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Quant Time: Feb 15 02:03:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 01:59:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	699422	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	665875	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	269236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	343842	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	261581	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	4.02	63	460570	18.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.92%
21) 2-Butanone-d5	7.07	46	201116	51.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.46%
24) Chloroform-d	7.65	84	555306	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.31	65	346582	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	8.27	84	1117376	24.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	9.27	67	388062	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	10.32	98	948008	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
43) trans-1,3-Dichloropropene-	10.57	79	141525	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
47) 2-Hexanone-d5	10.92	63	138254	50.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.74%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	286101	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.36%
66) 1,2-Dichlorobenzene-d4	13.85	152	265231	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	11637	1.675 ug/L #	89
3) Chloromethane	2.21	50	26409	2.021 ug/L	99
6) Bromomethane	2.78	94	14937	1.958 ug/L	88
8) Chloroethane	2.92	64	18111	2.013 ug/L	99
9) Trichlorofluoromethane	3.26	101	10963	1.650 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	25146	2.314 ug/L	87
12) 1,1-Dichloroethene	4.04	96	22739	2.182 ug/L #	1
13) Acetone	4.12	43	18313	4.469 ug/L	99
14) Carbon disulfide	4.39	76	71442	1.896 ug/L	97
15) Methyl Acetate	4.68	43	13003	1.829 ug/L #	87
16) Methylene chloride	4.91	84	53588	4.147 ug/L	97
17) trans-1,2-Dichloroethene	5.43	96	20827	1.980 ug/L	91
18) Methyl tert-butyl Ether	5.42	73	25198	1.941 ug/L #	84
19) 1,1-Dichloroethane	6.22	63	46324	1.972 ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	20993	1.937 ug/L	94
22) 2-Butanone	7.18	43	21291	4.322 ug/L	89
23) Bromochloromethane	7.52	128	9324	2.121 ug/L	73

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Quant Title : SFAM01.0
QLast Update : Sat Feb 15 01:59:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.40	62	32784	2.131	ug/L	97
29) Cyclohexane	7.96	56	33716	1.553	ug/L #	94
30) 1,1,1-Trichloroethane	7.87	97	32101	1.982	ug/L	99
31) Carbon tetrachloride	8.07	117	28038	1.920	ug/L	99
33) Benzene	8.32	78	99226	2.030	ug/L	100
34) Trichloroethene	9.09	95	22540	1.925	ug/L	94
35) Methylcyclohexane	9.33	83	33712	1.669	ug/L	92
37) 1,2-Dichloropropane	9.37	63	27659	2.026	ug/L	98
38) Bromodichloromethane	9.64	83	28789	1.872	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	32024	1.753	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	34460	3.545	ug/L	99
42) Toluene	10.38	91	95428	2.020	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	35623	2.351	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	17039	2.057	ug/L	95
46) Tetrachloroethene	10.86	164	14732	1.938	ug/L	97
48) 2-Hexanone	10.96	43	27091	3.825	ug/L	98
49) Dibromochloromethane	11.13	129	16785	1.945	ug/L	89
50) 1,2-Dibromoethane	11.24	107	14918	1.998	ug/L #	96
51) Chlorobenzene	11.65	112	55824	2.003	ug/L	97
52) Ethylbenzene	11.73	91	90600	1.761	ug/L	96
53) m,p-Xylene	11.84	106	31109	1.723	ug/L	100
54) o-Xylene	12.16	106	26381	1.556	ug/L	99
55) Styrene	12.18	104	44835	1.534	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.71	83	23325	2.105	ug/L	93
59) Bromoform	12.35	173	8107	1.969	ug/L #	94
60) Isopropylbenzene	12.46	105	70348	1.669	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	17113	2.169	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	53203	1.583	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	50138	1.525	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	33118	1.906	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	36684	2.048	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	35997	2.239	ug/L	93
68) 1,2-Dibromo-3-chloropropan	14.48	75	3722	2.256	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	21554	1.851	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	14439	1.654	ug/L	97
71) Naphthalene	15.37	128	12198	1.361	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.55	180	13827	1.710	ug/L	94

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

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MSVOA_W
ClientSampleId :
MDL06

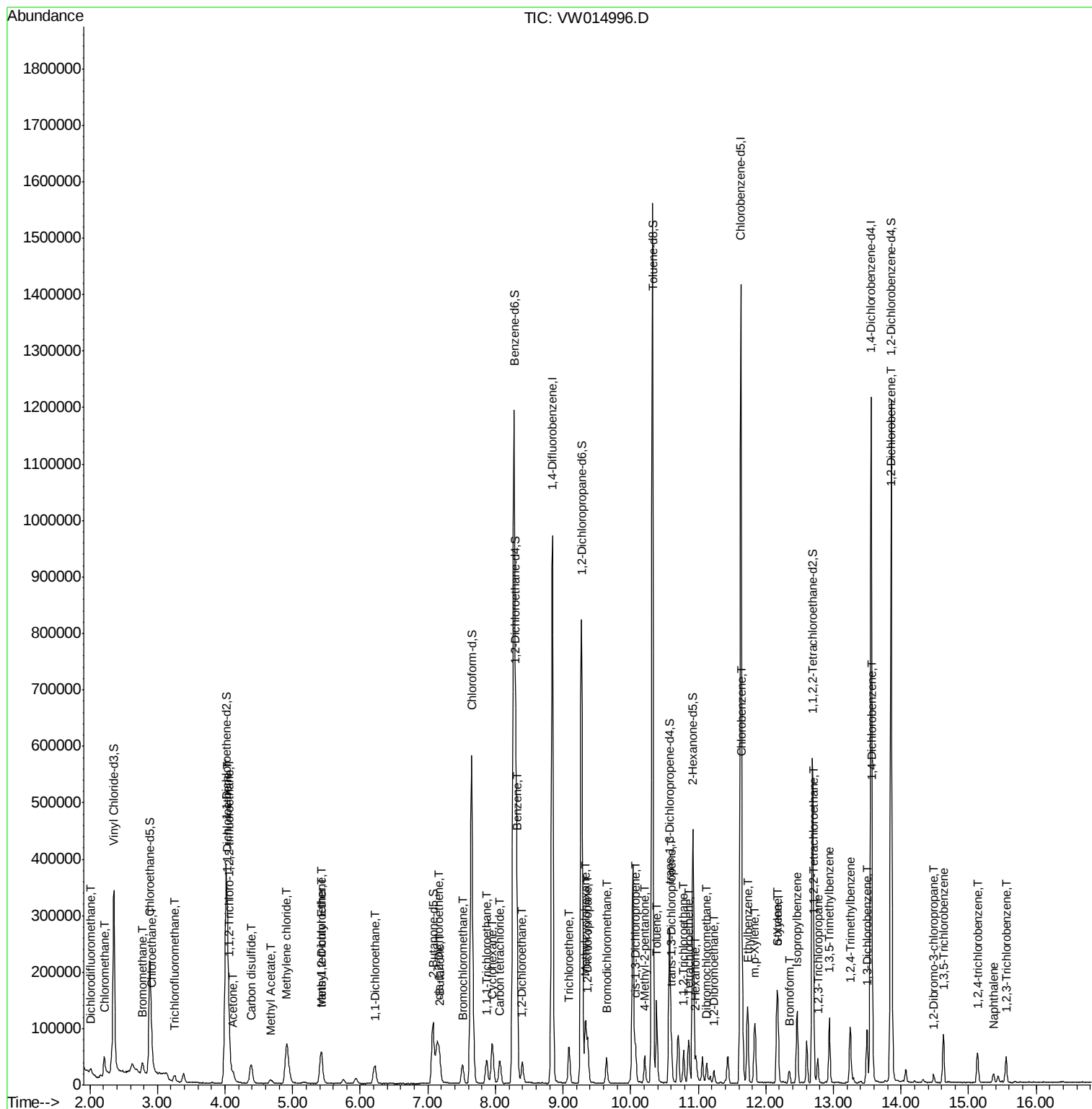
Quant Time: Feb 15 02:03:50 2020

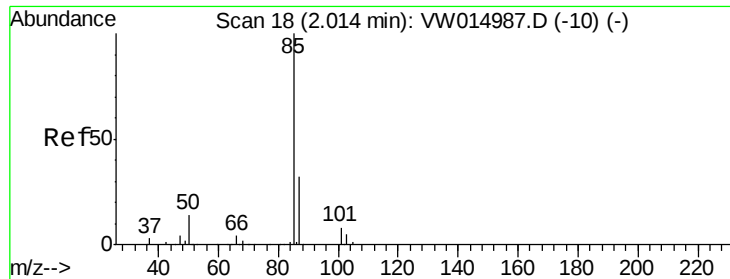
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

QLast Update : Sat Feb 15 01:59:17 2020

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.675 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

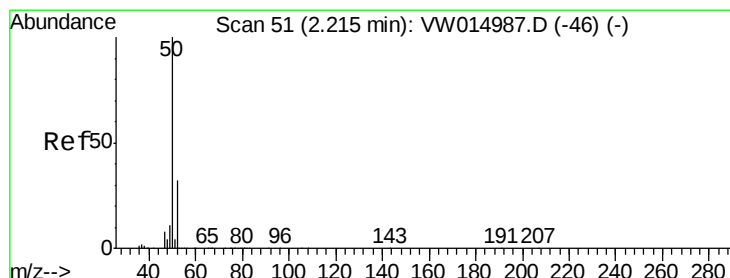
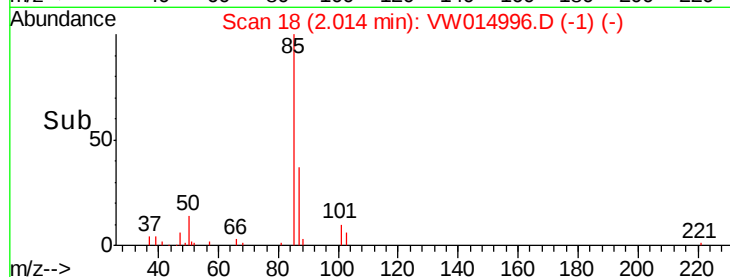
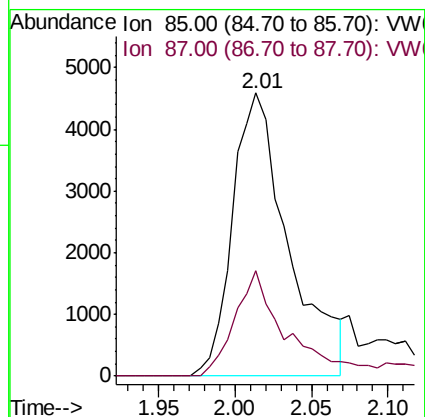
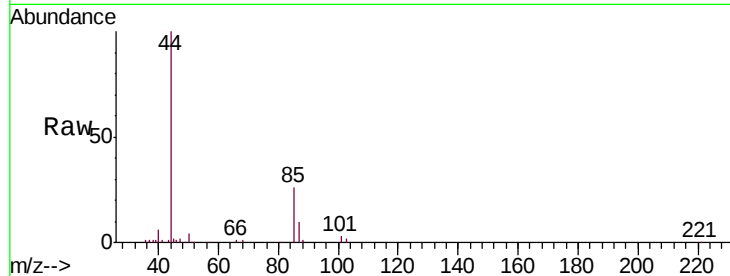
MDL06

Tgt Ion: 85 Resp: 11637

Ion Ratio Lower Upper

85 100

87 32.6 21.5 32.3#



#3

Chloromethane

Concen: 2.021 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014996.D

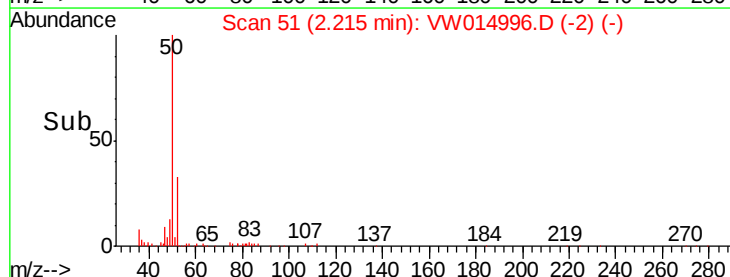
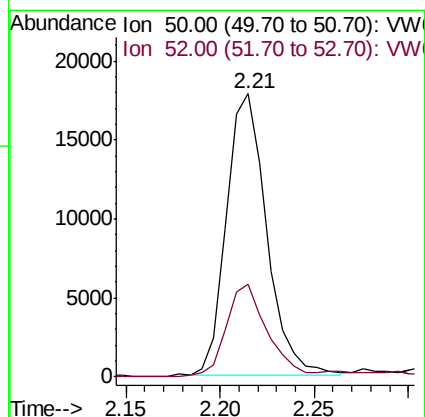
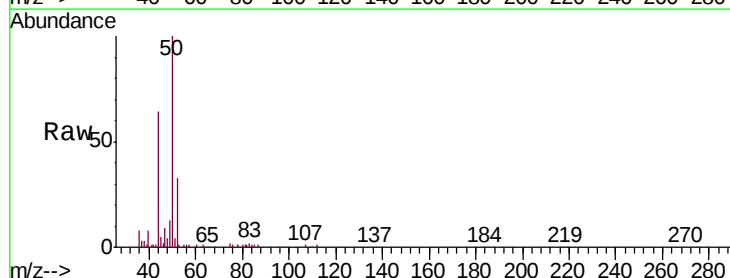
Acq: 14 Feb 2020 14:37

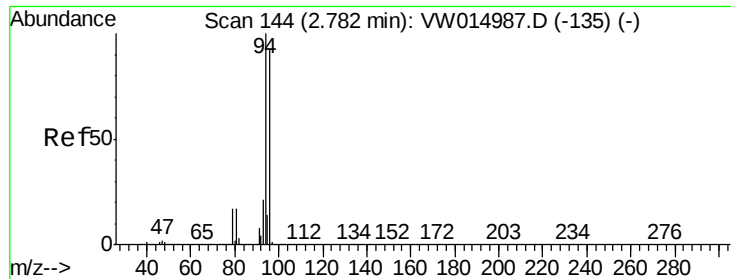
Tgt Ion: 50 Resp: 26409

Ion Ratio Lower Upper

50 100

52 32.6 22.3 41.3





#6

Bromomethane

Concen: 1.958 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

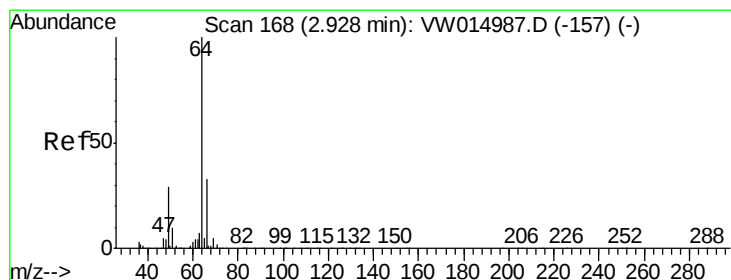
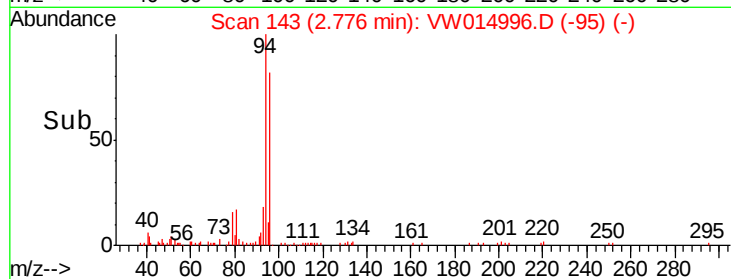
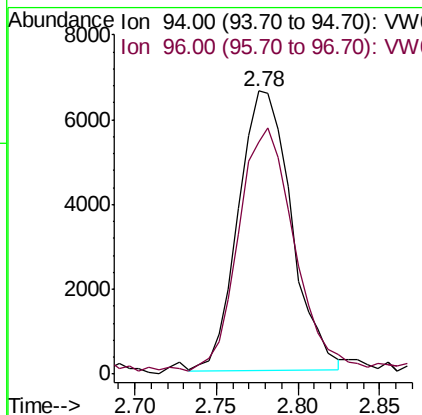
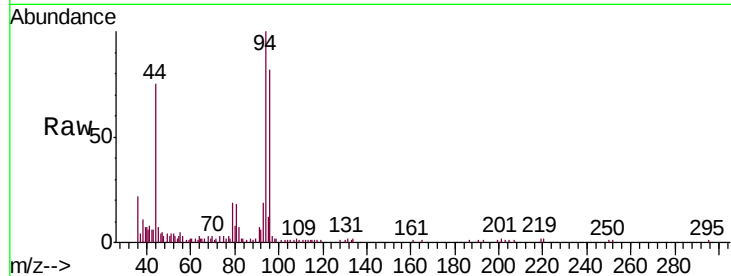
MDL06

Tgt Ion: 94 Resp: 14937

Ion Ratio Lower Upper

94 100

96 82.0 65.8 122.2



#8

Chloroethane

Concen: 2.013 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW014996.D

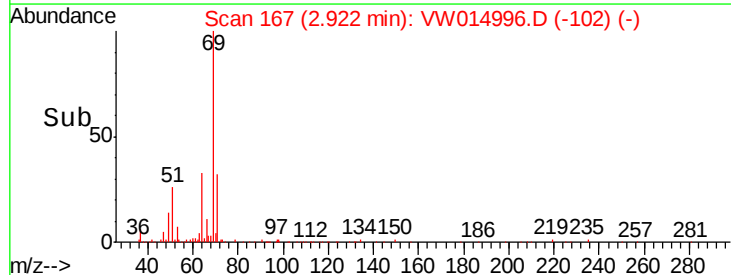
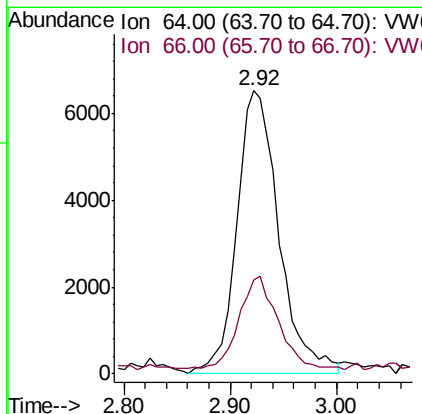
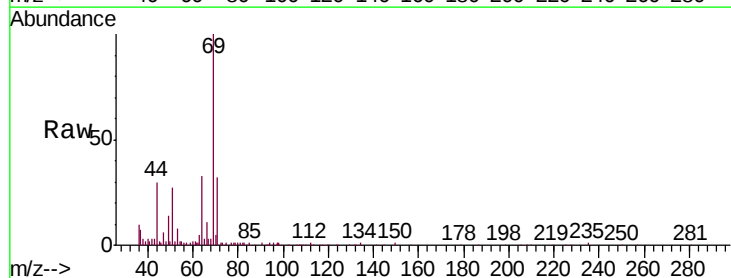
Acq: 14 Feb 2020 14:37

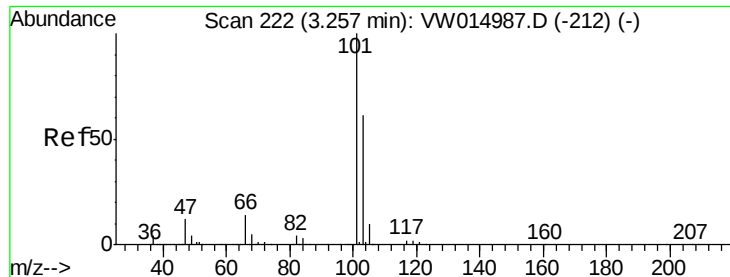
Tgt Ion: 64 Resp: 18111

Ion Ratio Lower Upper

64 100

66 33.3 23.1 42.9



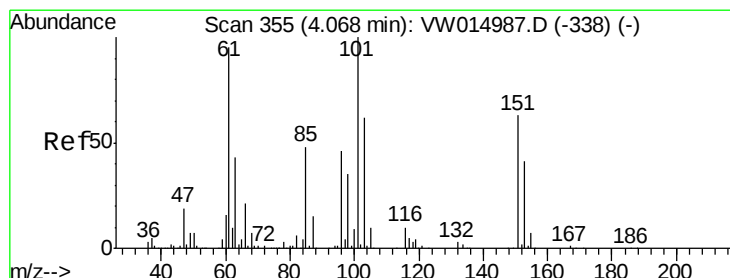
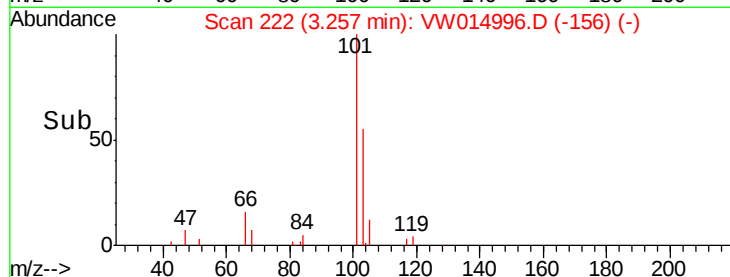
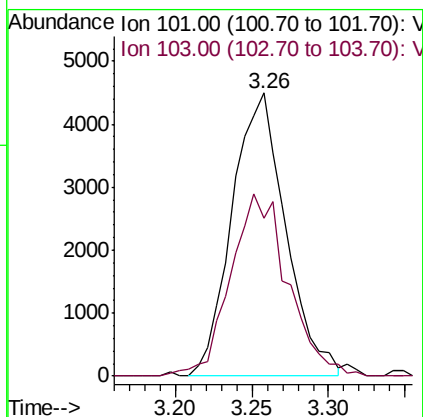
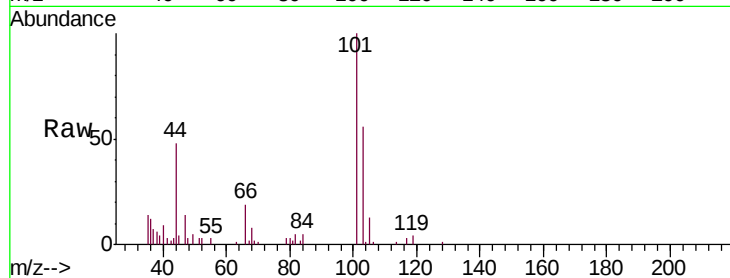


#9

Trichlorofluoromethane
 Concen: 1.650 ug/L
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

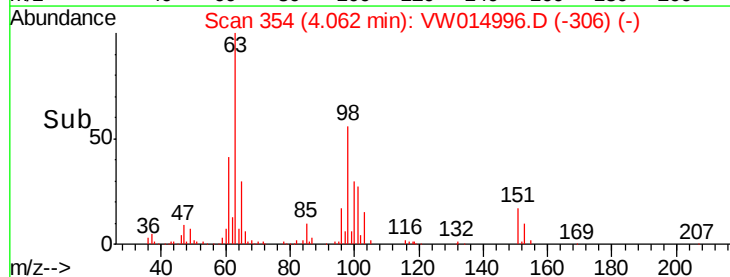
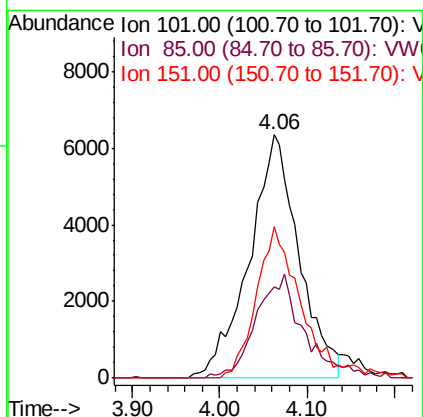
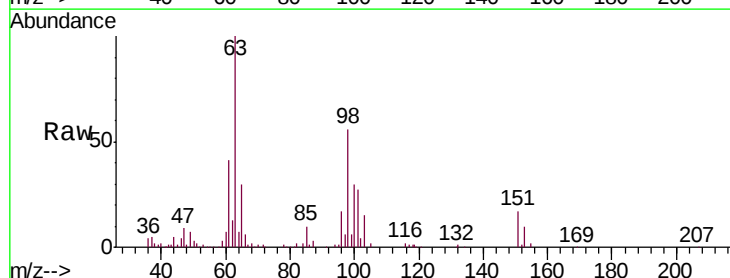
Tgt Ion:101 Resp: 10963
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.5 77.3

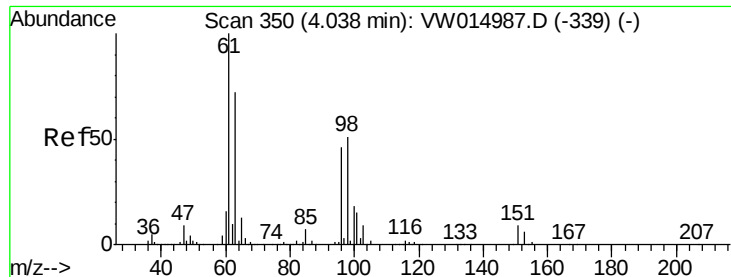


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.314 ug/L
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion:101 Resp: 25146
 Ion Ratio Lower Upper
 101 100
 85 39.1 36.5 54.7
 151 51.4 50.2 75.4





#12

1,1-Dichloroethene

Concen: 2.182 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

MDL06

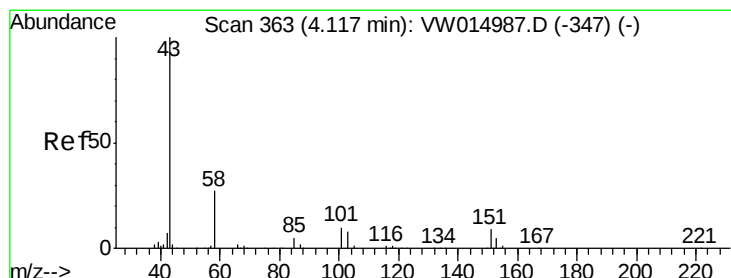
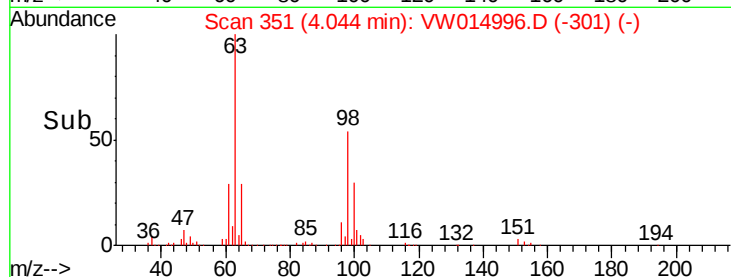
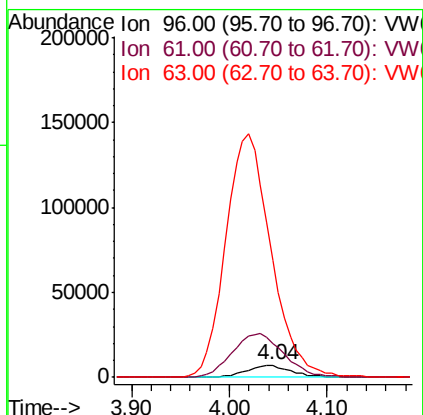
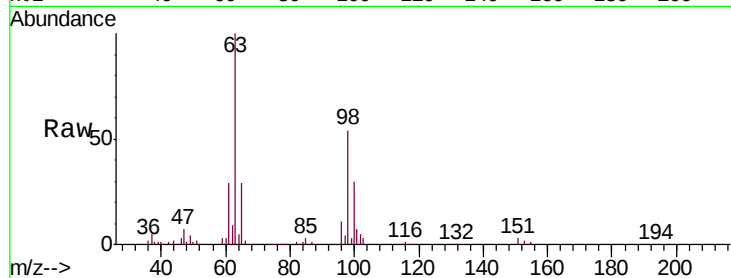
Tgt Ion: 96 Resp: 22739

Ion Ratio Lower Upper

96 100

61 274.7 147.0 273.0#

63 945.4 113.4 210.6#



#13

Acetone

Concen: 4.469 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014996.D

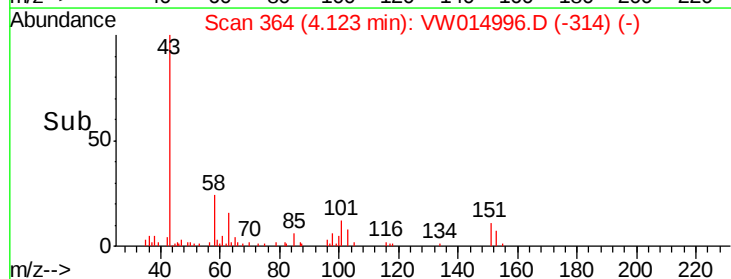
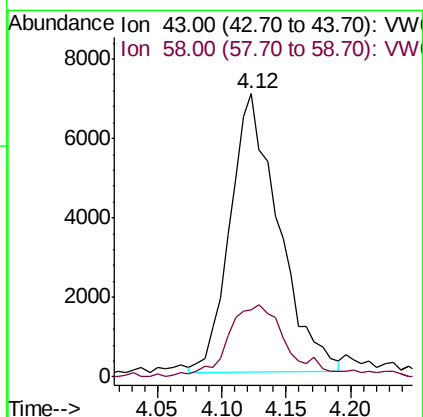
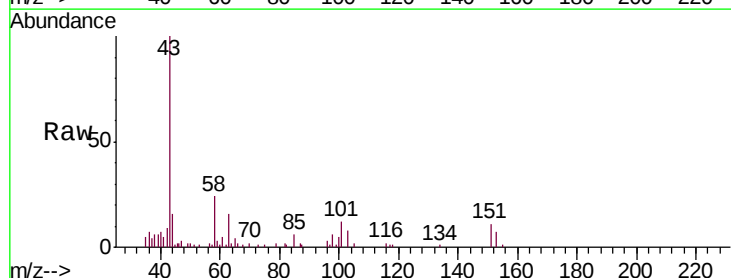
Acq: 14 Feb 2020 14:37

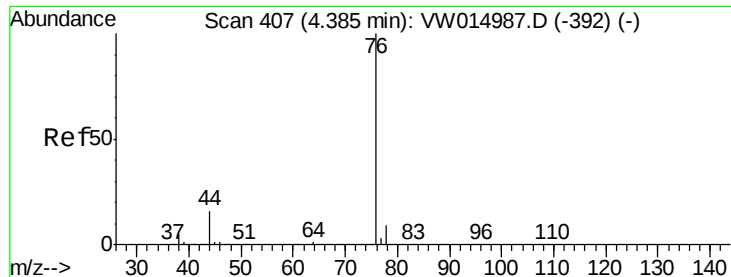
Tgt Ion: 43 Resp: 18313

Ion Ratio Lower Upper

43 100

58 27.0 0.0 54.6





#14

Carbon disulfide

Concen: 1.896 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

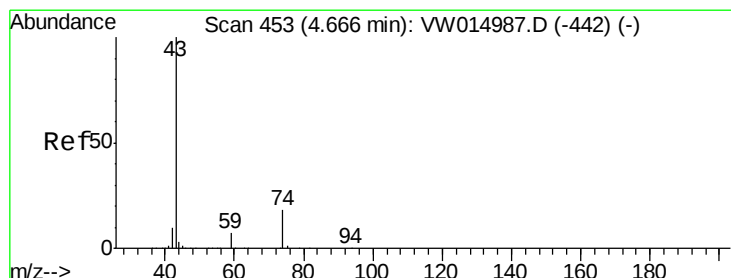
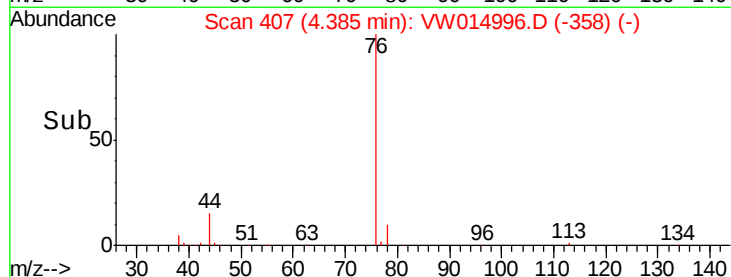
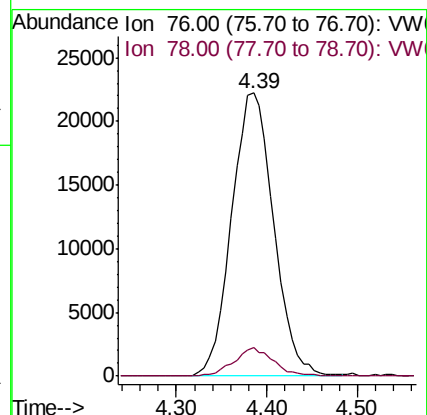
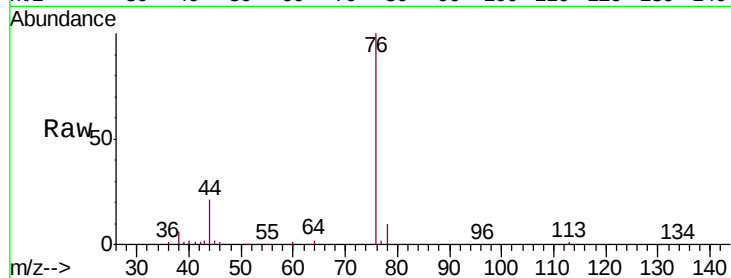
MDL06

Tgt Ion: 76 Resp: 71442

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8



#15

Methyl Acetate

Concen: 1.829 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW014996.D

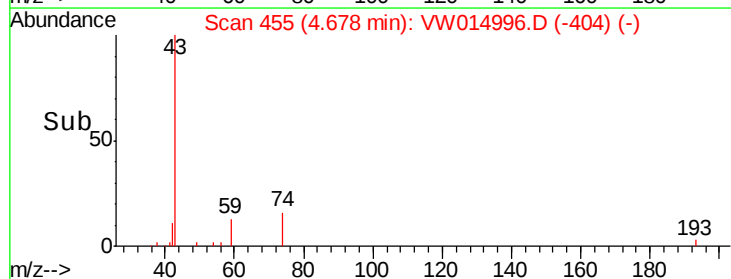
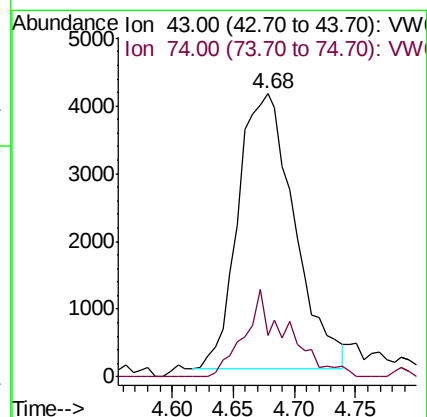
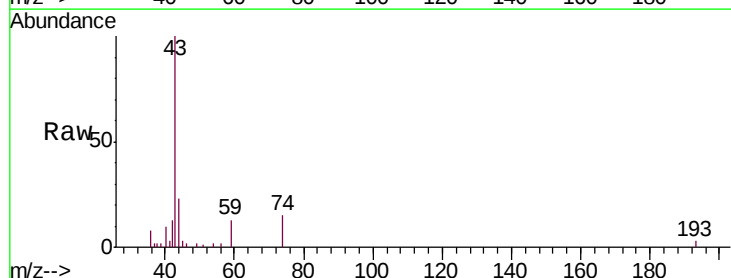
Acq: 14 Feb 2020 14:37

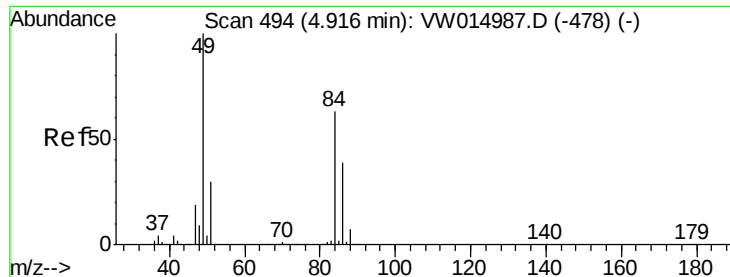
Tgt Ion: 43 Resp: 13003

Ion Ratio Lower Upper

43 100

74 12.4 14.6 21.8#

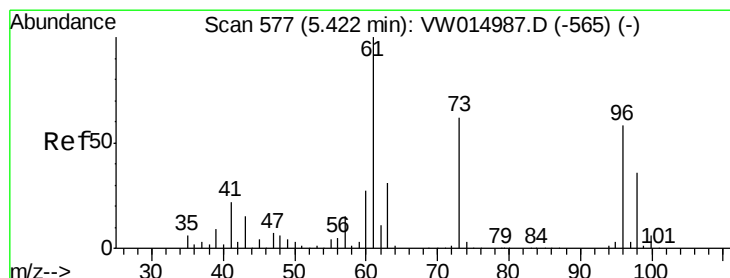
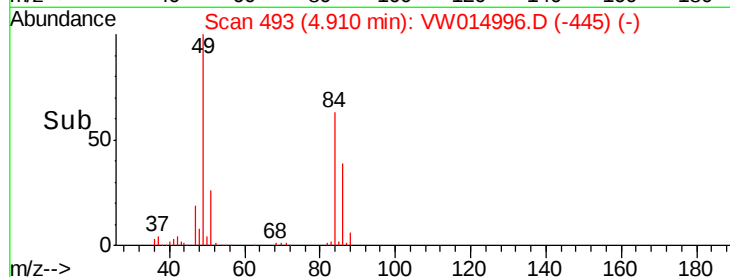
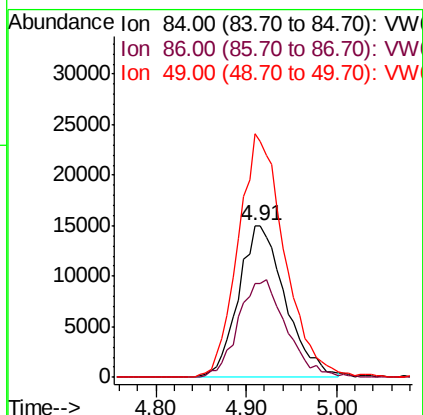
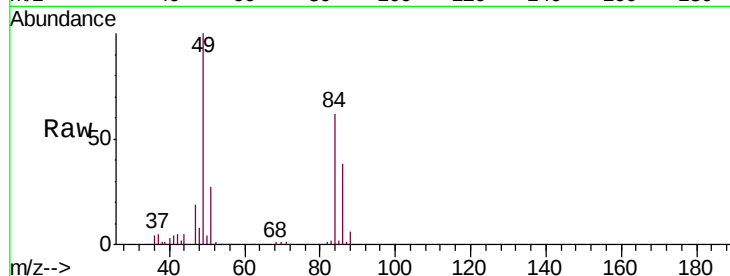




#16
Methylene chloride
Concen: 4.147 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

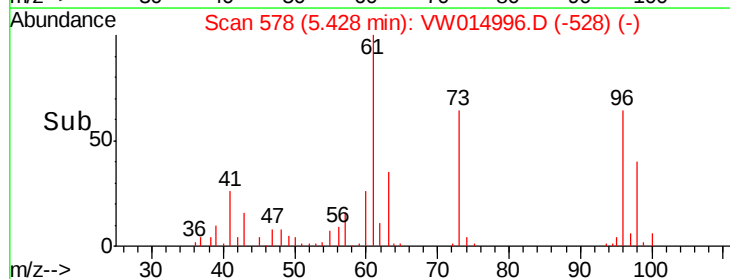
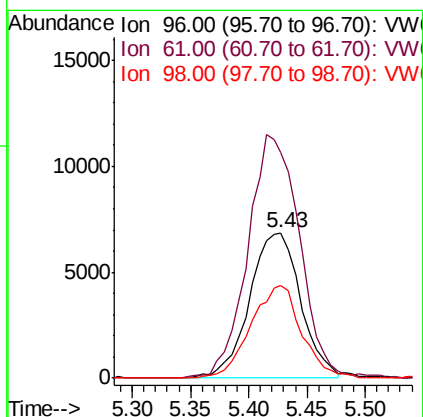
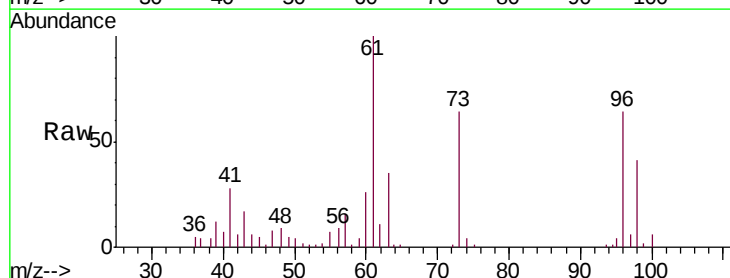
Instrument :
MSVOA_W
ClientSampled :
MDL06

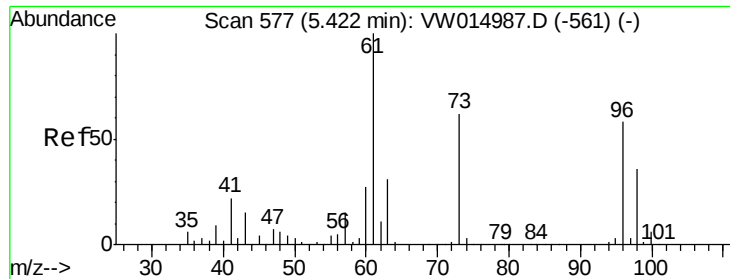
Tgt Ion: 84 Resp: 53588
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.4
49 160.4 109.0 202.4



#17
trans-1,2-Dichloroethene
Concen: 1.980 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion: 96 Resp: 20827
Ion Ratio Lower Upper
96 100
61 155.6 120.1 223.1
98 63.2 43.8 81.3

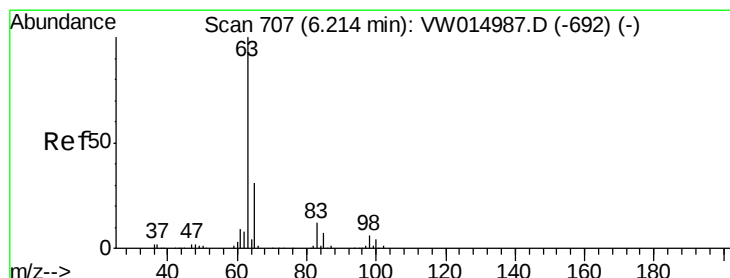
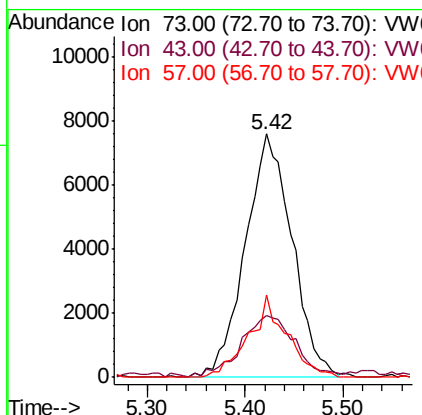
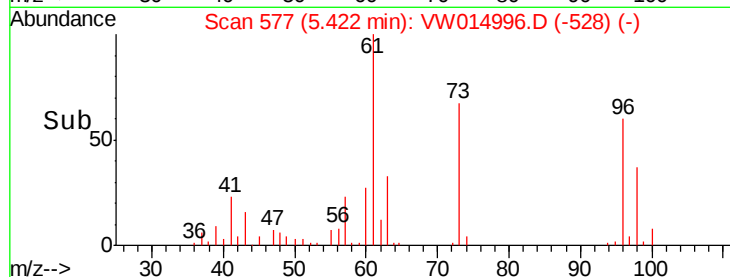
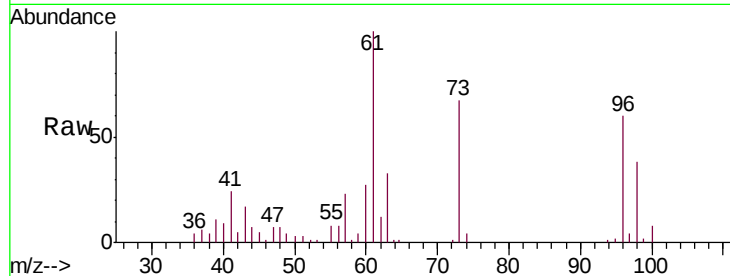




#18
Methyl tert-butyl Ether
Concen: 1.941 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

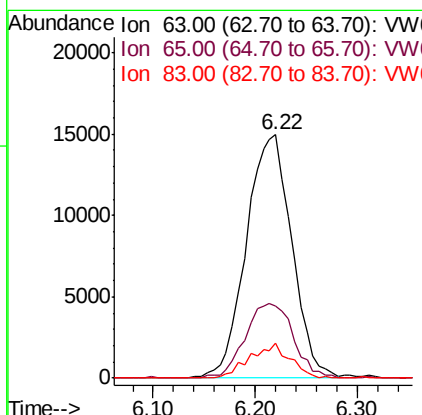
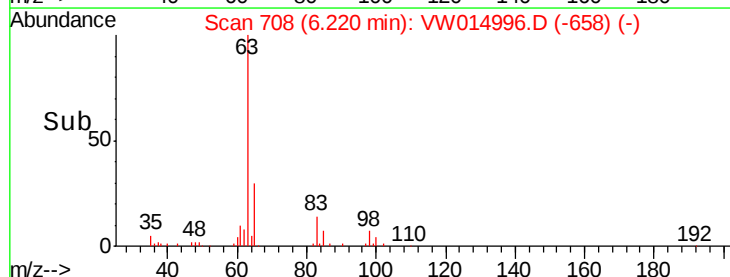
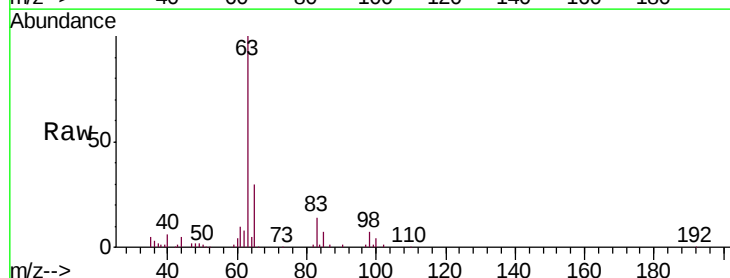
Instrument :
MSVOA_W
ClientSampleId :
MDL06

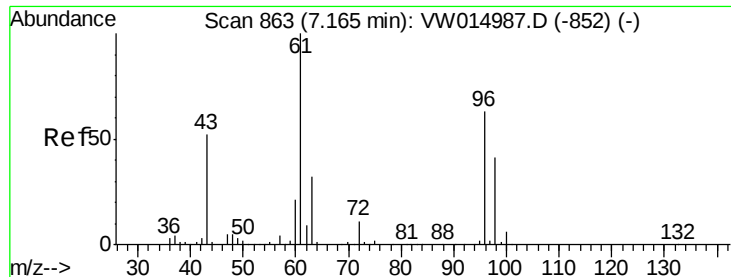
Tgt Ion: 73 Resp: 25198
Ion Ratio Lower Upper
73 100
43 29.6 19.6 29.4#
57 15.7 21.0 31.4#



#19
1,1-Dichloroethane
Concen: 1.972 ug/L
RT: 6.22 min Scan# 708
Delta R.T. 0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion: 63 Resp: 46324
Ion Ratio Lower Upper
63 100
65 29.7 20.9 38.7
83 14.2 7.8 14.6

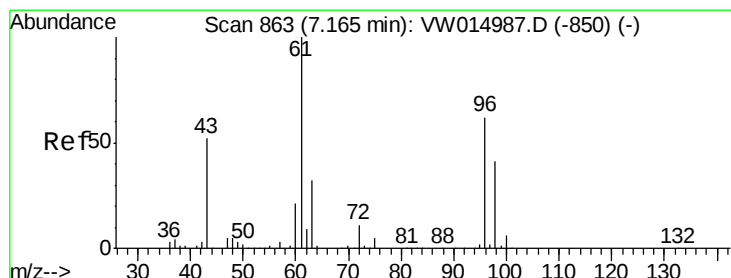
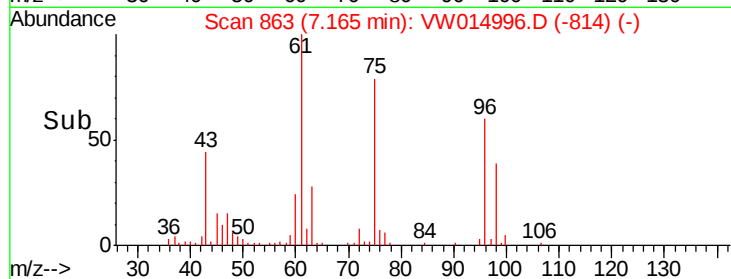
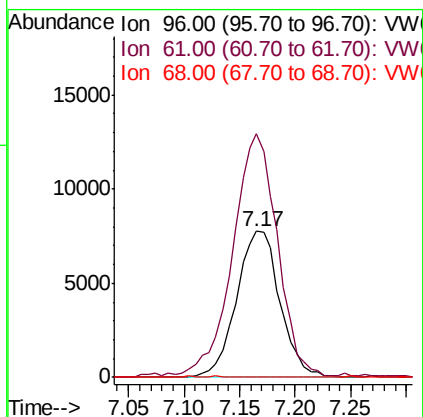
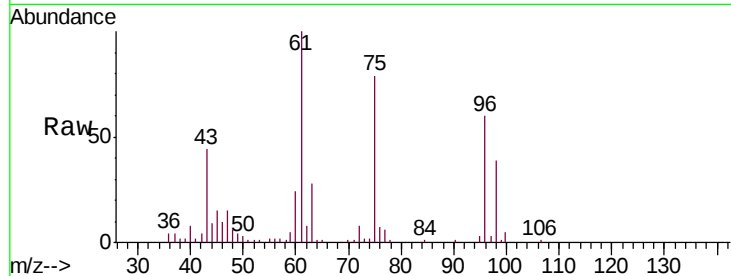




#20
 cis-1,2-Dichloroethene
 Concen: 1.937 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

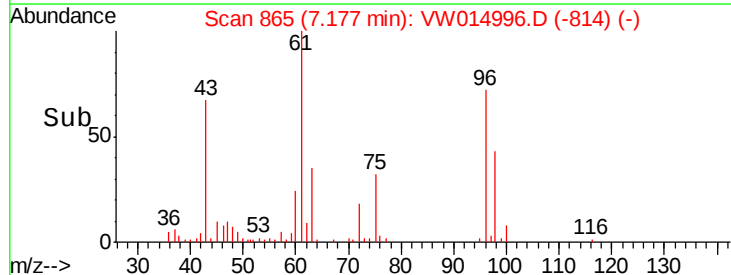
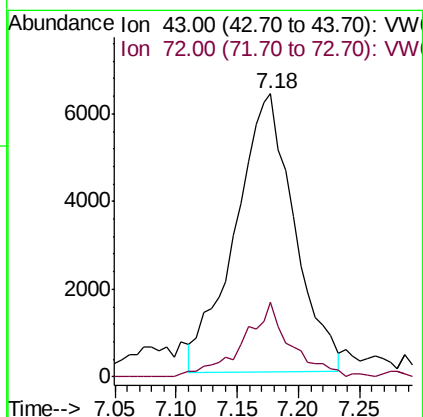
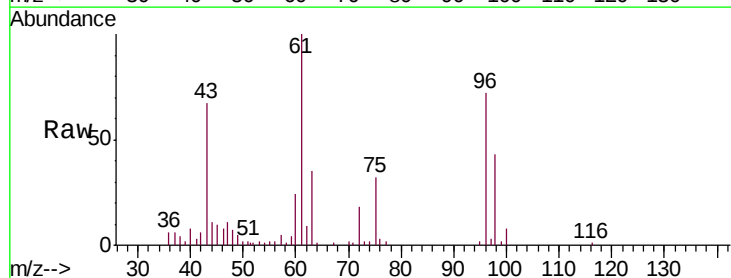
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

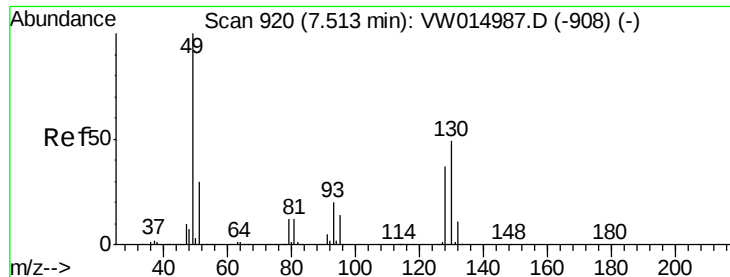
Tgt Ion: 96 Resp: 20993
 Ion Ratio Lower Upper
 96 100
 61 167.1 111.5 207.1
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 4.322 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion: 43 Resp: 21291
 Ion Ratio Lower Upper
 43 100
 72 16.7 11.1 33.1

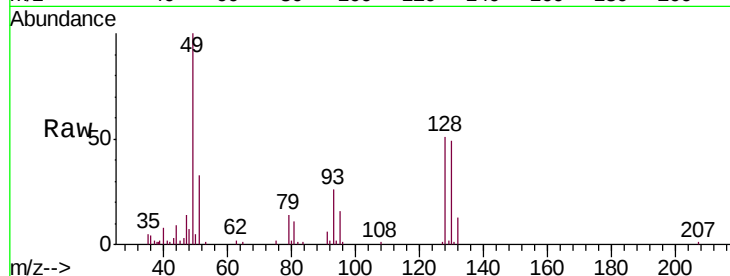




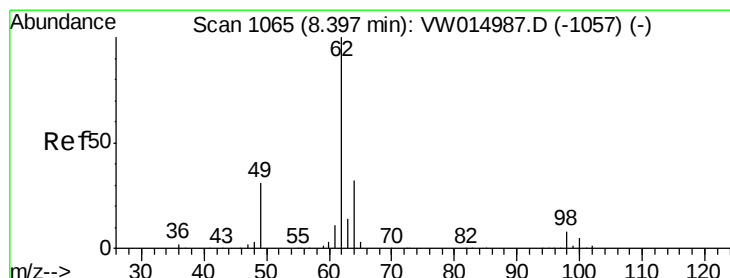
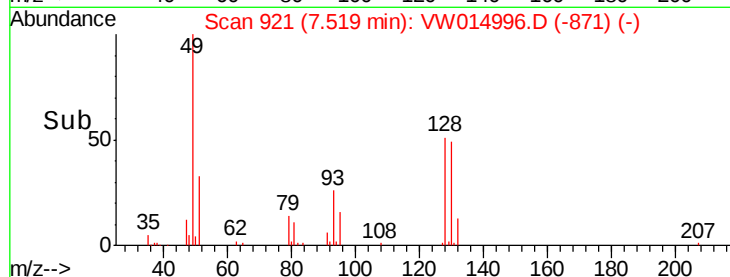
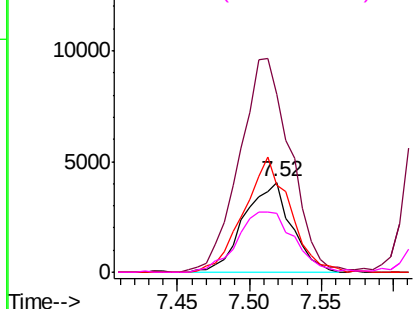
#23
Bromochloromethane
Concen: 2.121 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Instrument :
MSVOA_W
ClientSampled :
MDL06

Tgt Ion:128 Resp: 9324
Ion Ratio Lower Upper
128 100
49 198.0 179.0 332.4
130 96.6 85.5 158.7
51 65.2 61.7 92.5

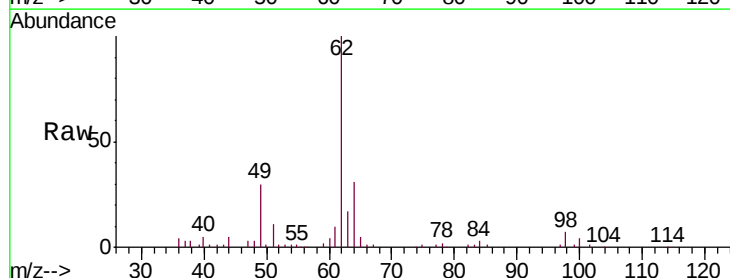


Abundance Ion 128.00 (127.70 to 128.70): V
15000 Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

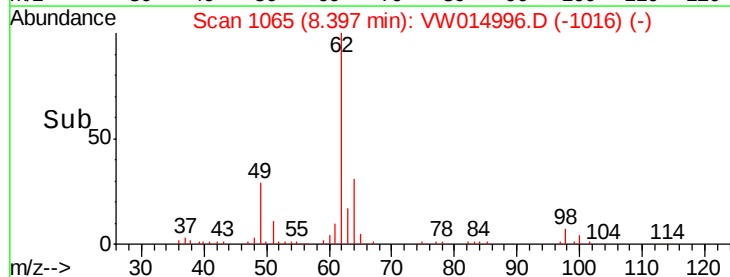
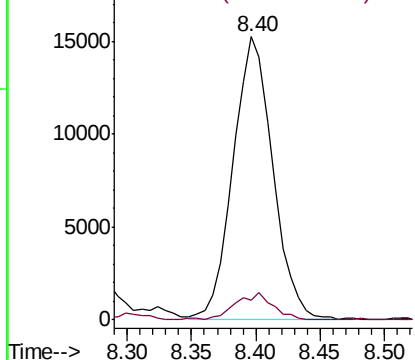


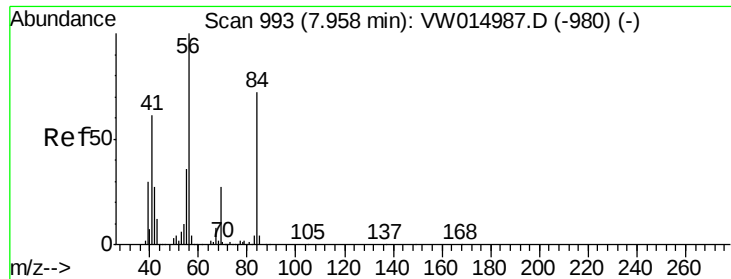
#27
1,2-Dichloroethane
Concen: 2.131 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion: 62 Resp: 32784
Ion Ratio Lower Upper
62 100
98 6.9 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): VW
Ion 98.00 (97.70 to 98.70): VW

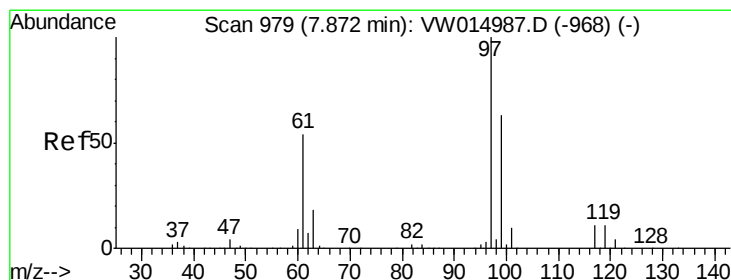
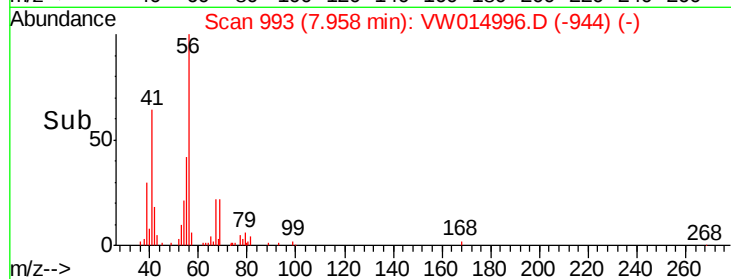
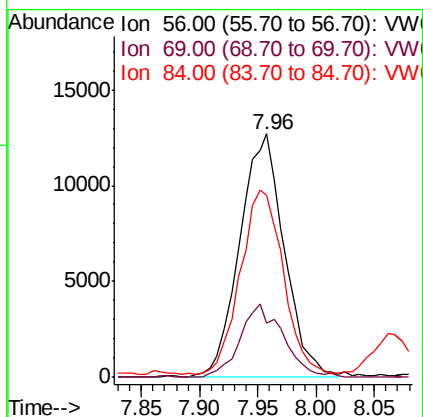
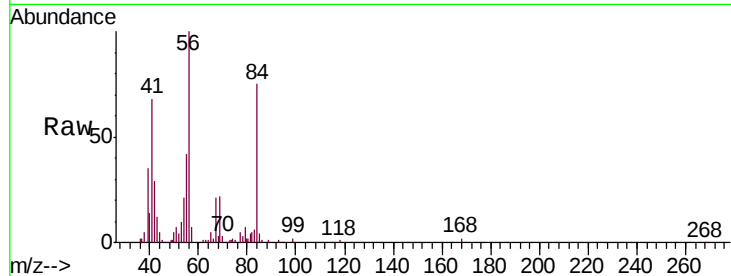




#29
Cyclohexane
Concen: 1.553 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

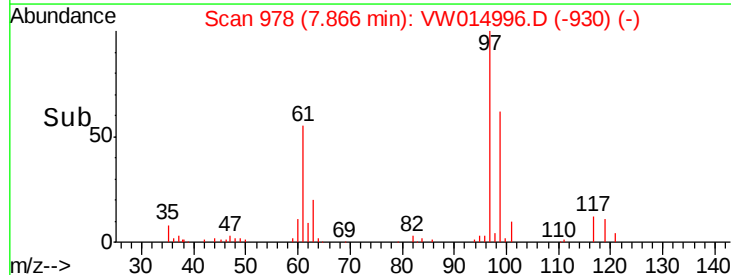
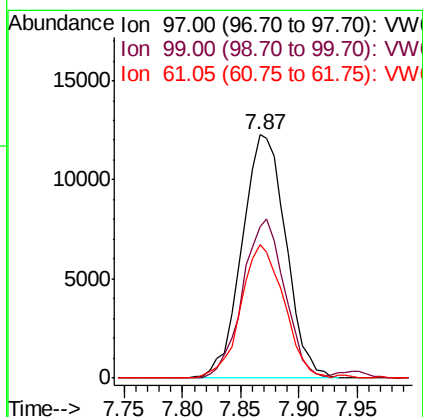
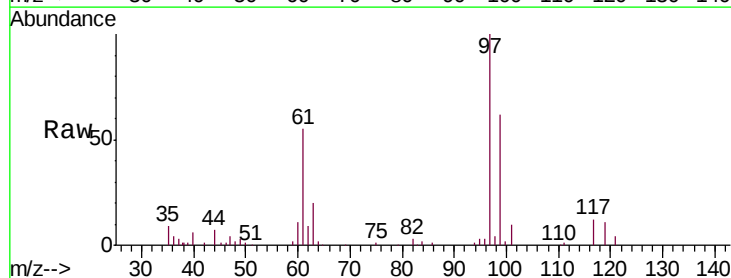
Instrument :
MSVOA_W
ClientSampleId :
MDL06

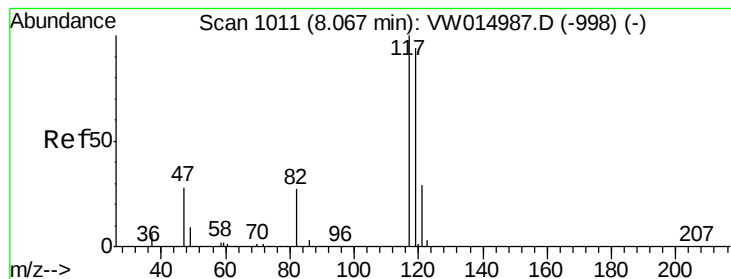
Tgt Ion: 56 Resp: 33716
Ion Ratio Lower Upper
56 100
69 18.3 22.0 33.0#
84 73.2 57.8 86.6



#30
1,1,1-Trichloroethane
Concen: 1.982 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion: 97 Resp: 32101
Ion Ratio Lower Upper
97 100
99 62.6 50.6 75.8
61 53.6 42.7 64.1





#31

Carbon tetrachloride

Concen: 1.920 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

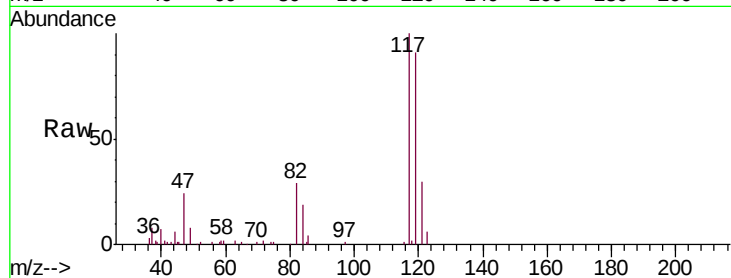
MDL06

Tgt Ion:117 Resp: 28038

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

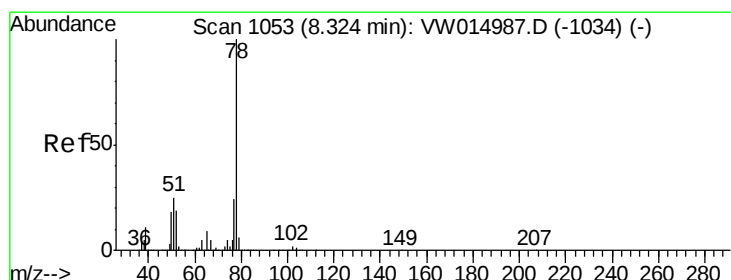
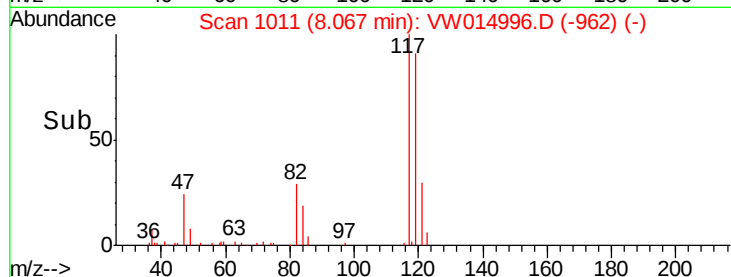
10000

5000

0

Time-->

8.00 8.05 8.10 8.15



#33

Benzene

Concen: 2.030 ug/L

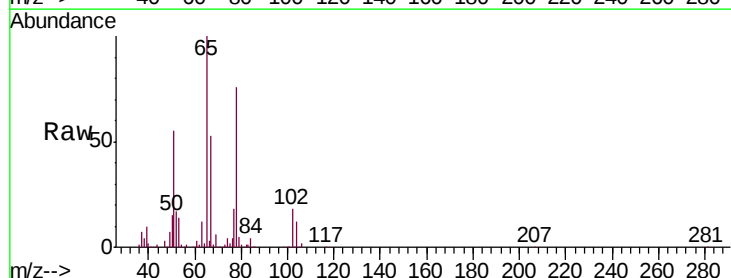
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Tgt Ion: 78 Resp: 99226



Abundance Ion 78.00 (77.70 to 78.70): VW

50000

40000

30000

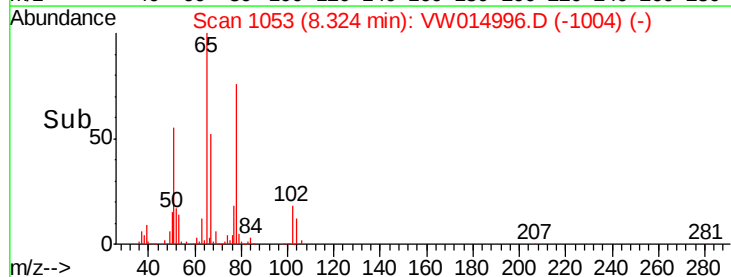
20000

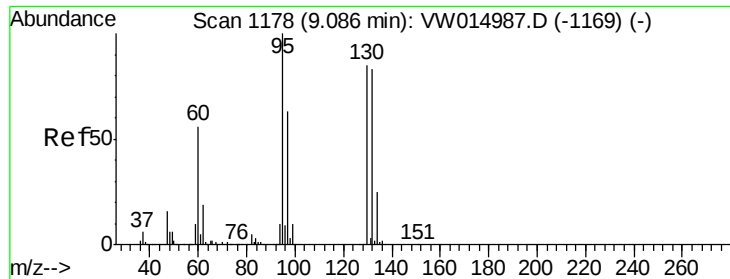
10000

0

Time-->

8.25 8.30 8.35 8.40

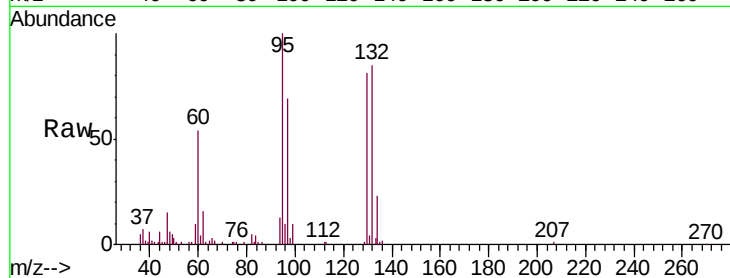




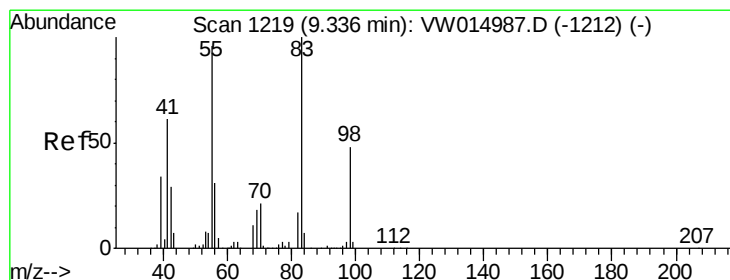
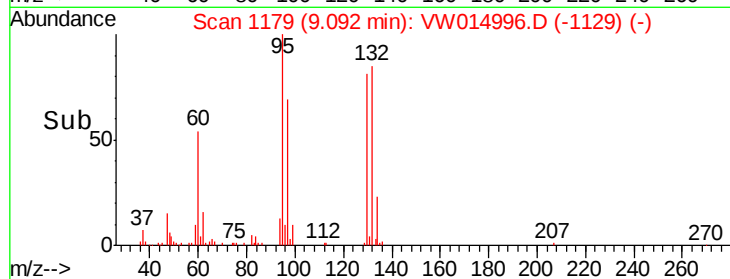
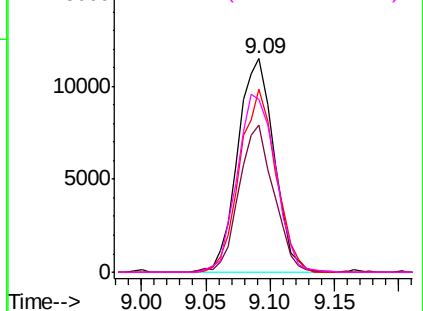
#34
 Trichloroethene
 Concen: 1.925 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

Tgt Ion:	95	Resp:	22540
Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.2	82.0
132	85.4	56.1	104.3
130	81.1	60.1	111.7

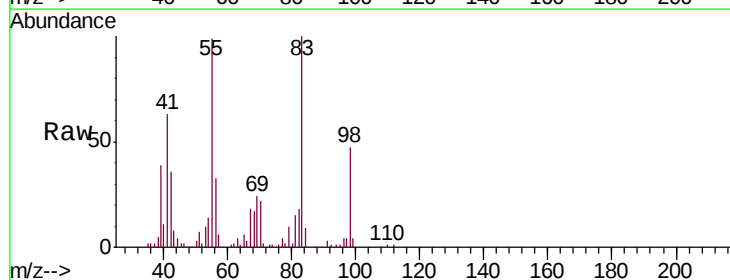


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

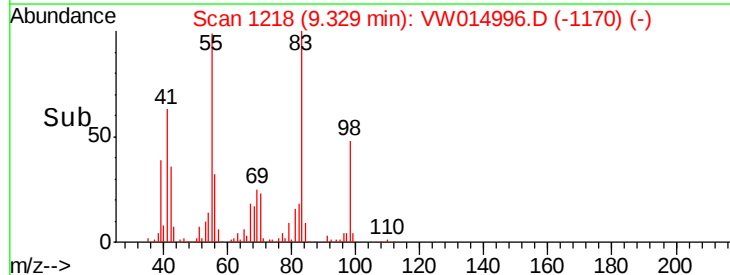
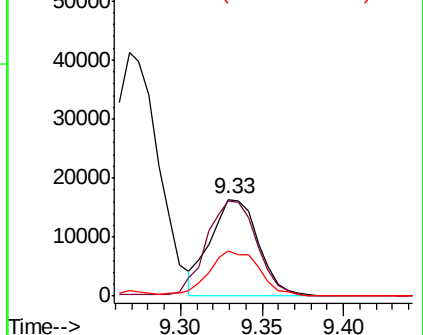


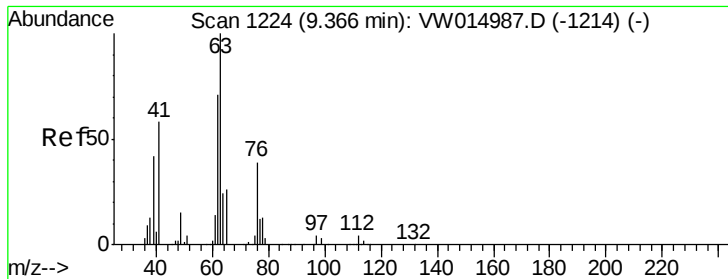
#35
 Methylcyclohexane
 Concen: 1.669 ug/L
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion:	83	Resp:	33712
Ion	Ratio	Lower	Upper
83	100		
55	104.1	76.3	114.5
98	48.8	36.4	54.6



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

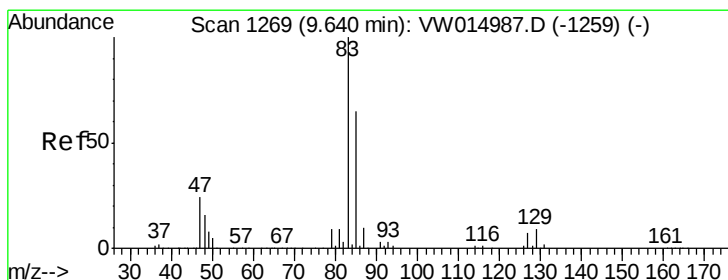
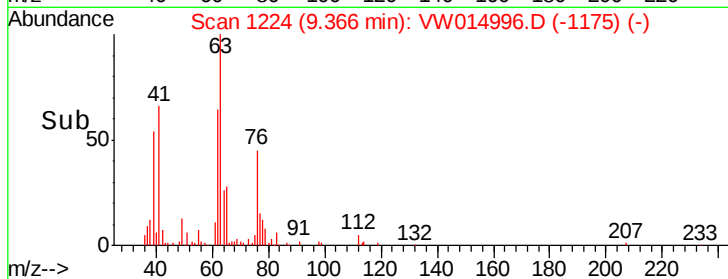
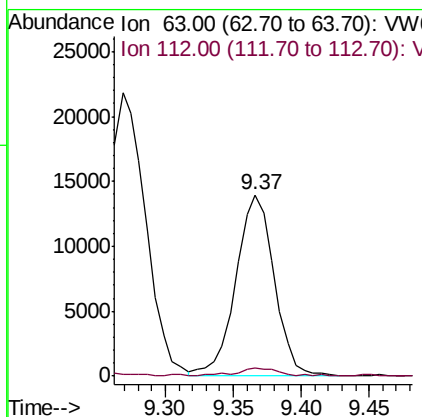
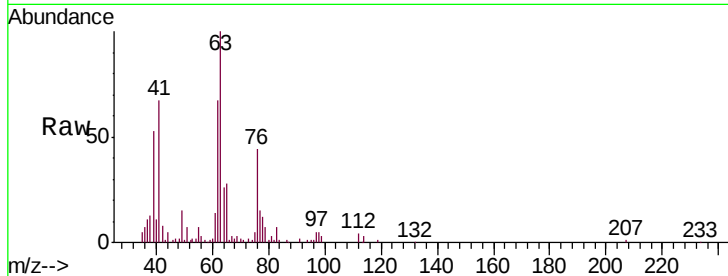




#37
 1,2-Dichloropropane
 Concen: 2.026 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

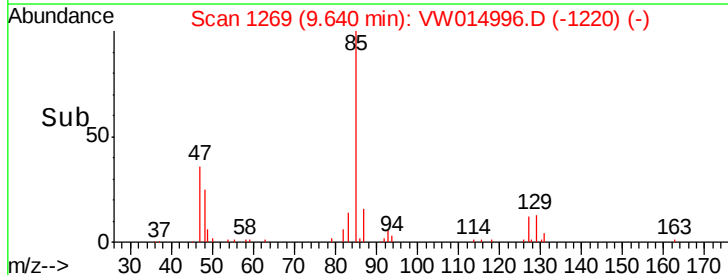
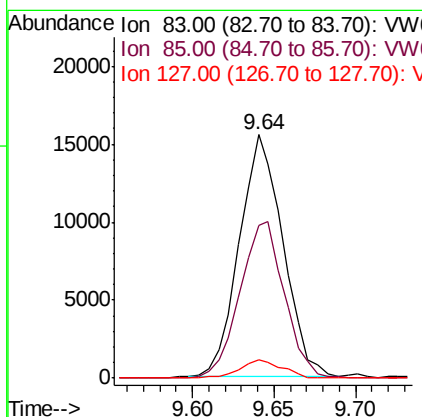
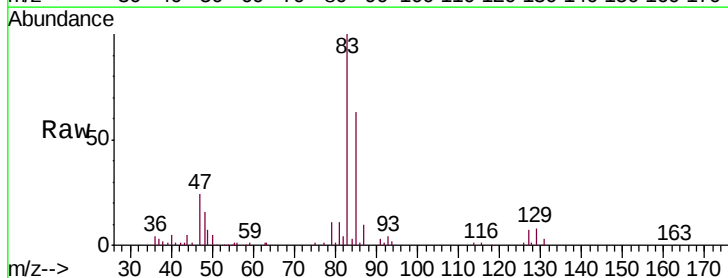
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

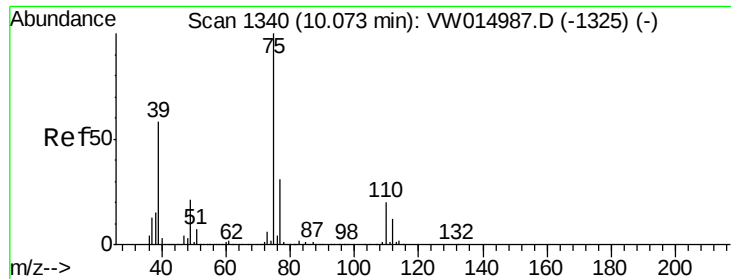
Tgt Ion: 63 Resp: 27659
 Ion Ratio Lower Upper
 63 100
 112 3.9 2.6 4.0



#38
 Bromodichloromethane
 Concen: 1.872 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion: 83 Resp: 28789
 Ion Ratio Lower Upper
 83 100
 85 62.6 45.2 84.0
 127 7.3 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 1.753 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

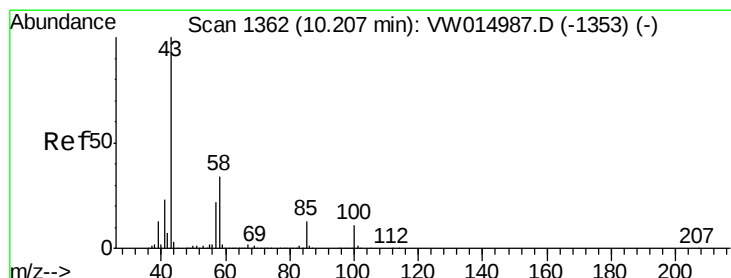
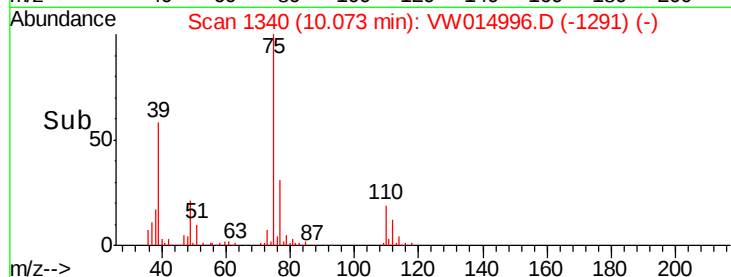
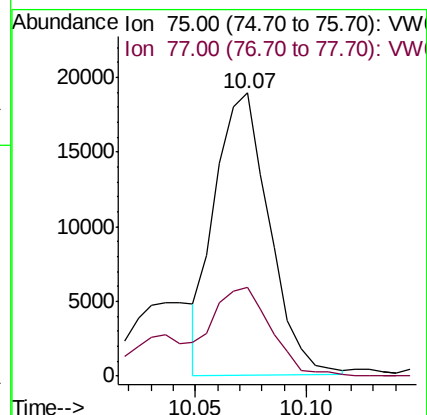
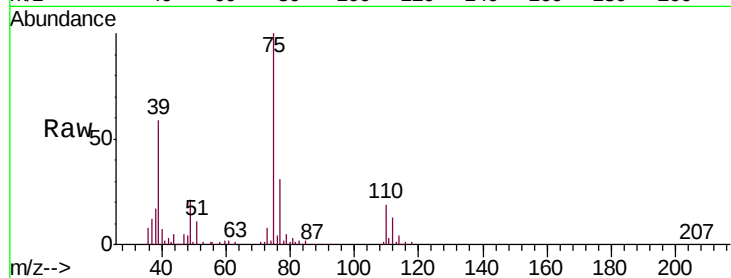
MDL06

Tgt Ion: 75 Resp: 32024

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 3.545 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

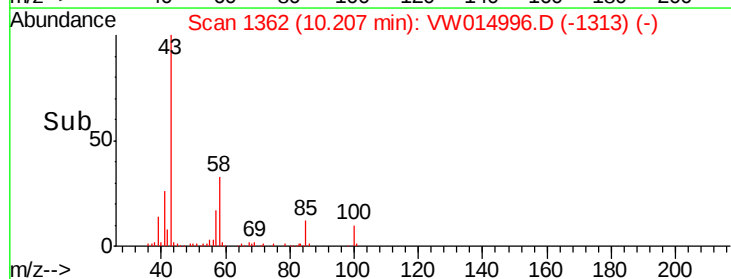
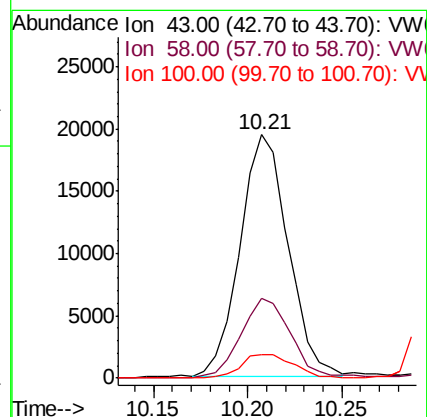
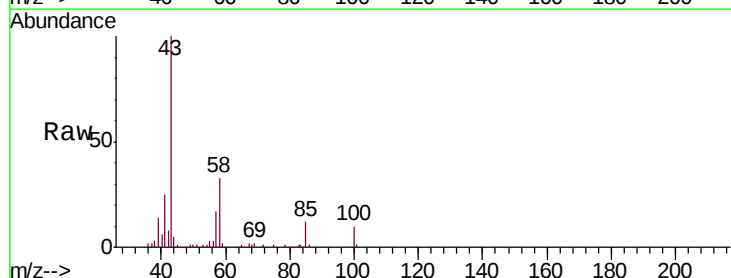
Tgt Ion: 43 Resp: 34460

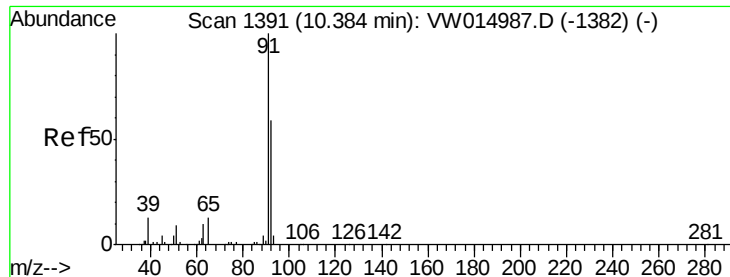
Ion Ratio Lower Upper

43 100

58 34.3 27.7 41.5

100 10.6 8.6 13.0





#42

Toluene

Concen: 2.020 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

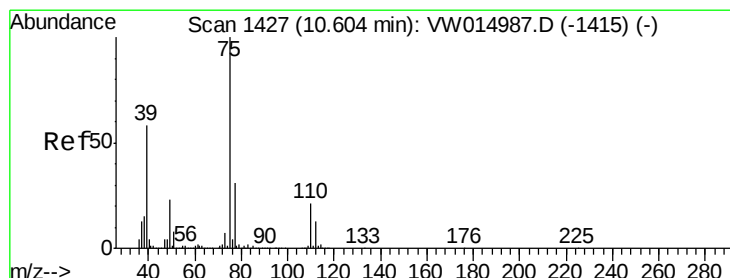
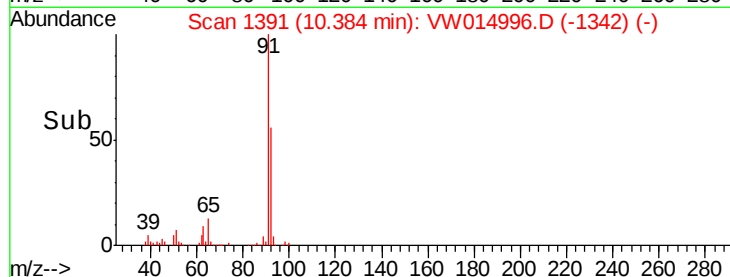
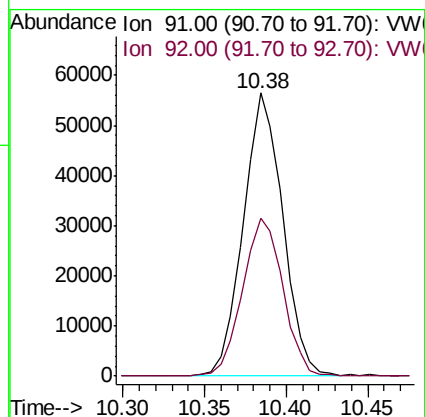
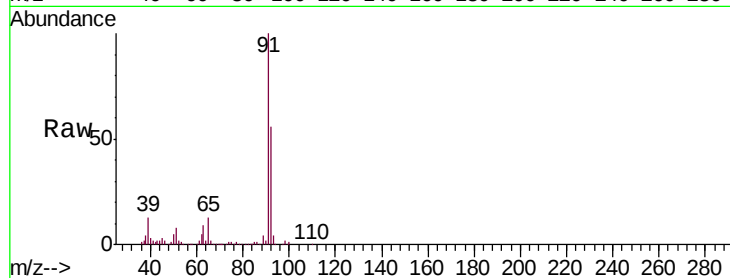
MDL06

Tgt Ion: 91 Resp: 95428

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 2.351 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014996.D

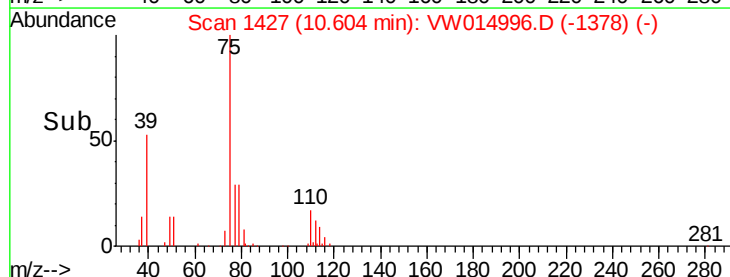
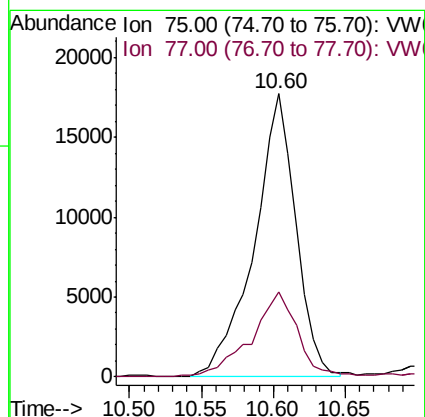
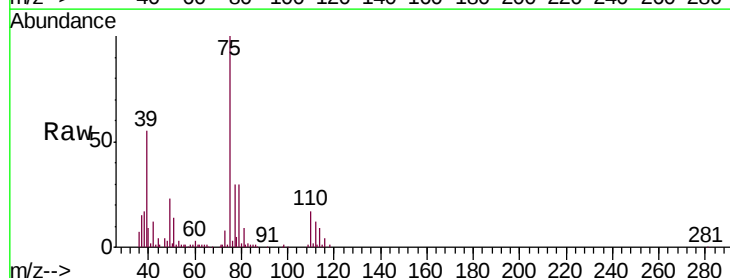
Acq: 14 Feb 2020 14:37

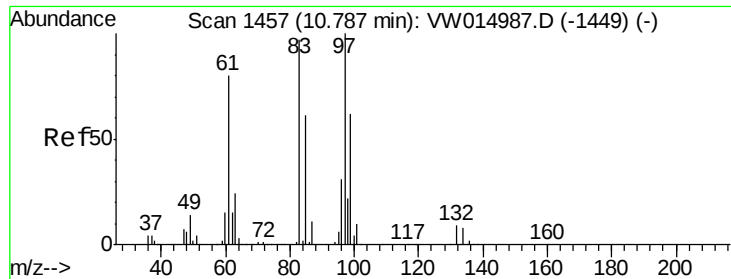
Tgt Ion: 75 Resp: 35623

Ion Ratio Lower Upper

75 100

77 29.9 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 2.057 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 17039

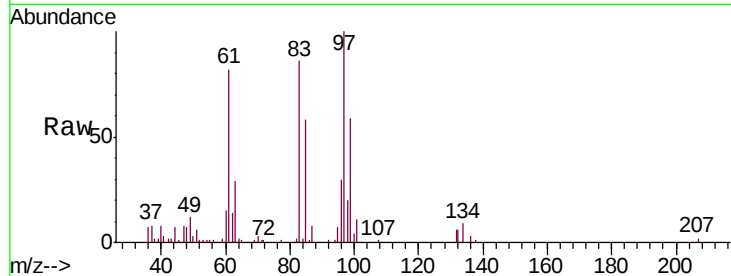
Ion Ratio Lower Upper

97 100

99 59.1 44.2 82.0

83 85.9 64.1 119.1

85 57.9 42.1 78.1



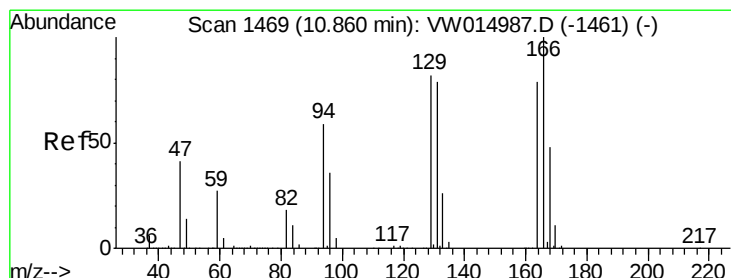
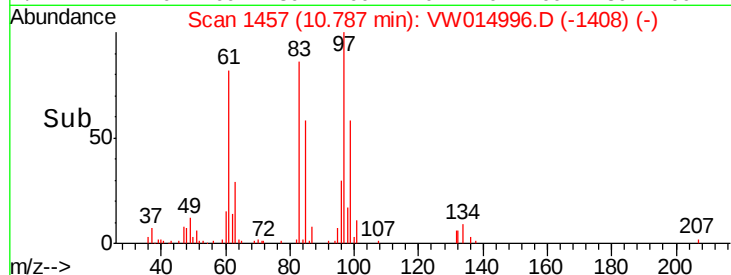
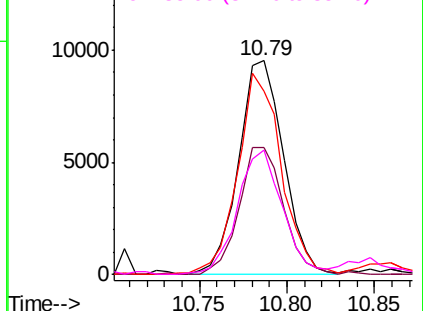
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 1.938 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Tgt Ion: 164 Resp: 14732

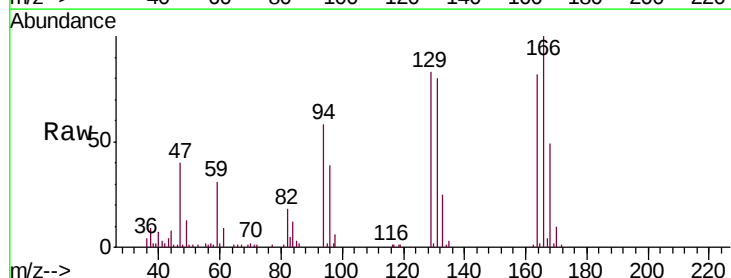
Ion Ratio Lower Upper

164 100

129 101.8 72.2 134.2

131 98.4 68.1 126.5

166 122.3 90.6 168.2



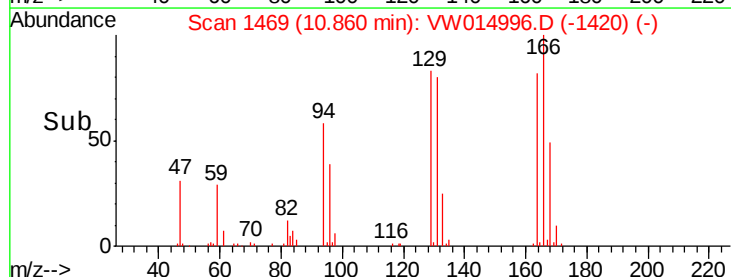
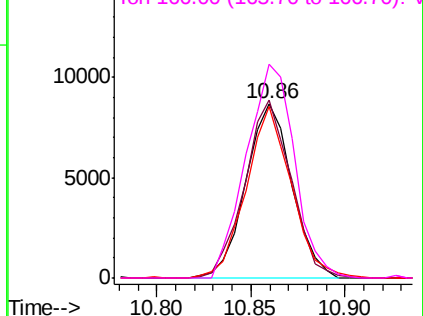
Abundance

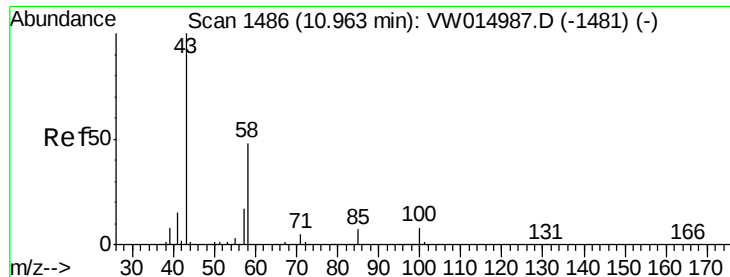
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

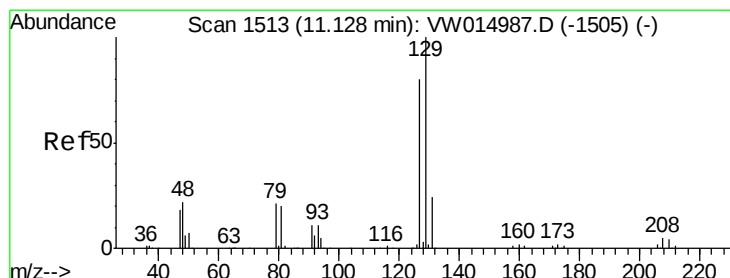
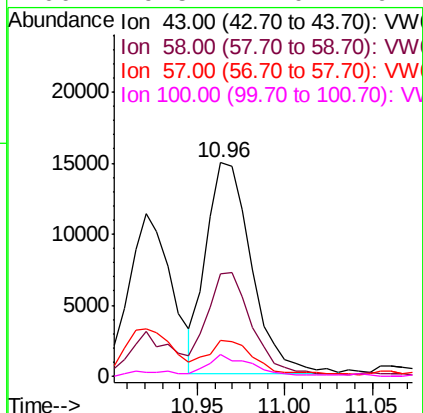
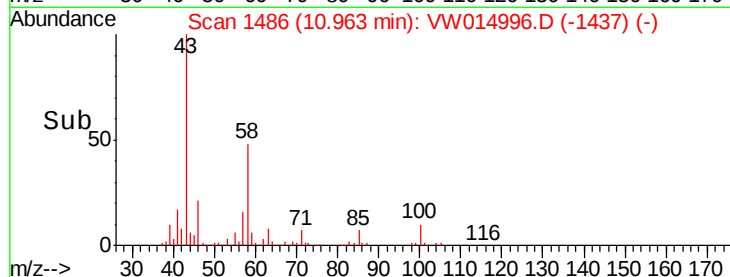
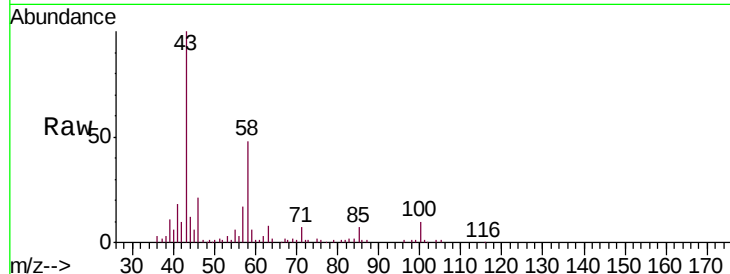




#48
2-Hexanone
Concen: 3.825 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

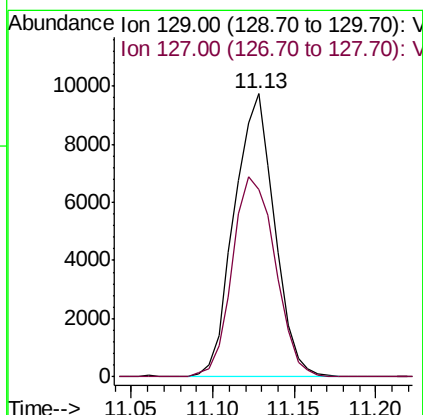
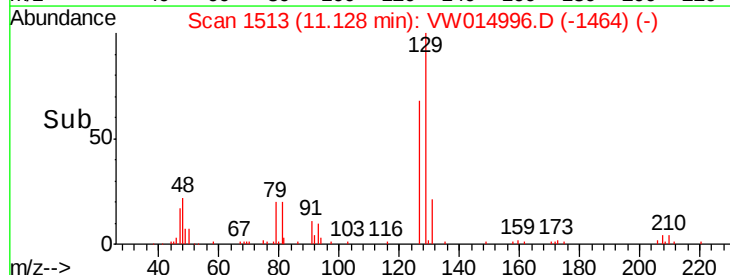
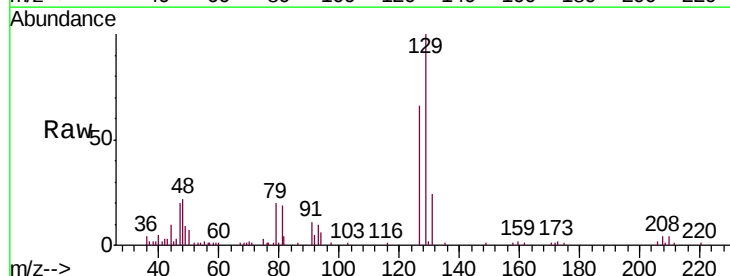
Instrument :
MSVOA_W
ClientSampleId :
MDL06

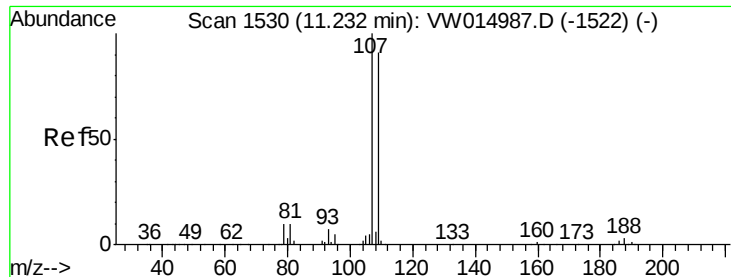
Tgt Ion:	43	Resp:	27091
Ion	Ratio	Lower	Upper
43	100		
58	47.3	39.2	58.8
57	16.7	13.1	19.7
100	9.5	7.0	10.4



#49
Dibromochloromethane
Concen: 1.945 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion:	129	Resp:	16785
Ion	Ratio	Lower	Upper
129	100		
127	66.1	53.0	98.4

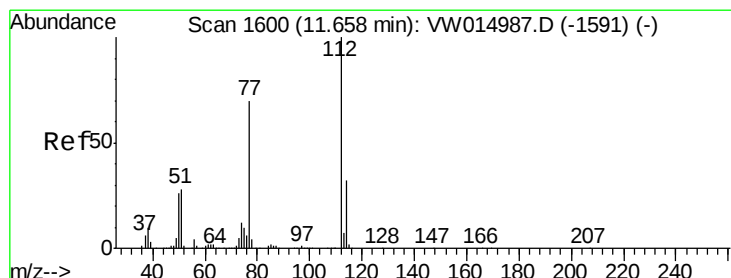
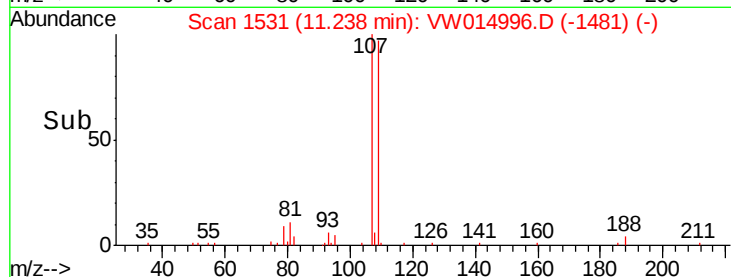
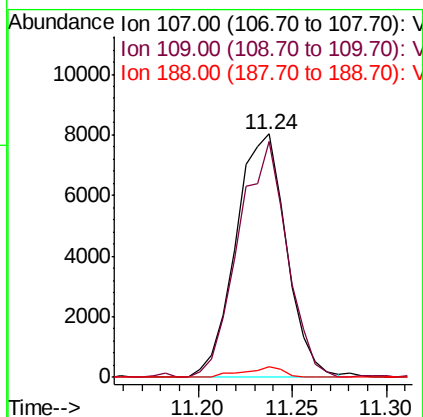
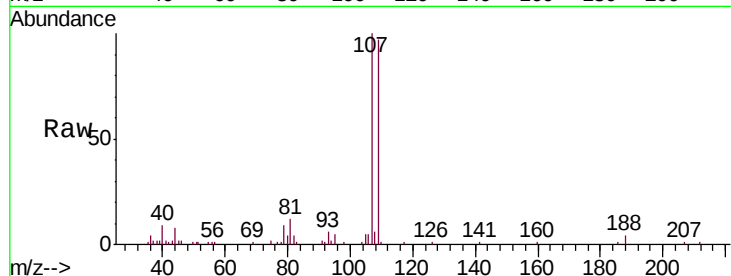




#50
1,2-Dibromoethane
Concen: 1.998 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

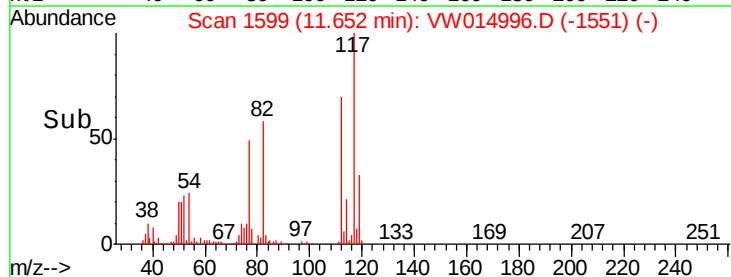
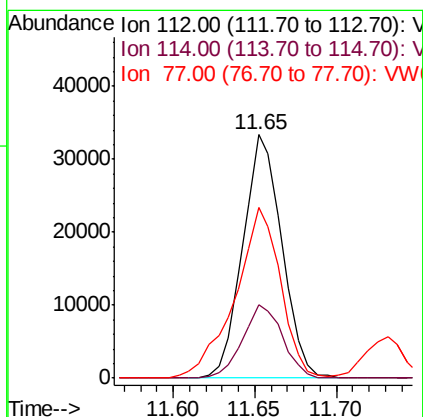
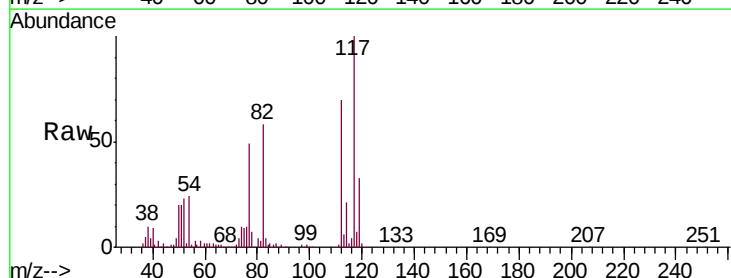
Instrument :
MSVOA_W
ClientSampleId :
MDL06

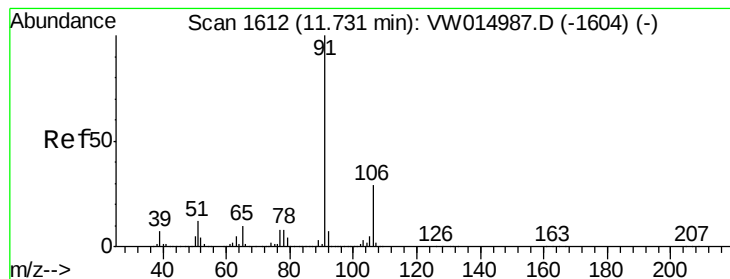
Tgt Ion:107 Resp: 14918
Ion Ratio Lower Upper
107 100
109 96.7 65.1 120.9
188 4.3 2.4 3.6#



#51
Chlorobenzene
Concen: 2.003 ug/L
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion:112 Resp: 55824
Ion Ratio Lower Upper
112 100
114 30.2 22.6 42.0
77 70.2 54.6 82.0





#52

Ethylbenzene

Concen: 1.761 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

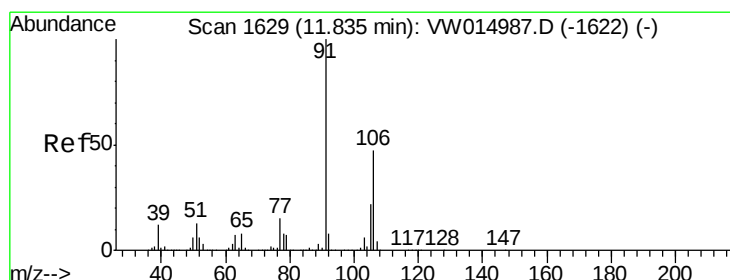
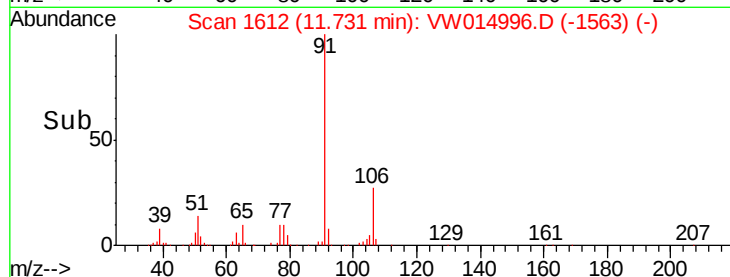
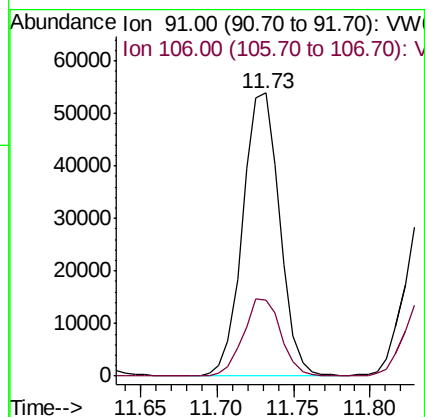
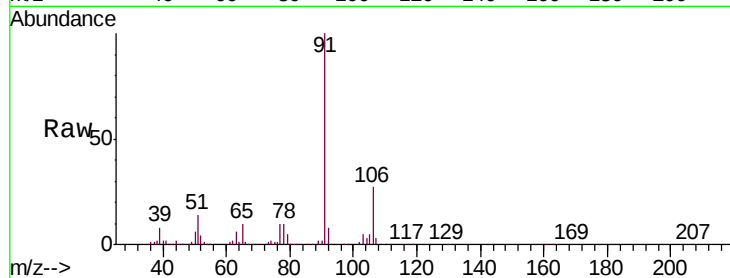
MDL06

Tgt Ion: 91 Resp: 90600

Ion Ratio Lower Upper

91 100

106 26.7 20.2 37.4



#53

m,p-Xylene

Concen: 1.723 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014996.D

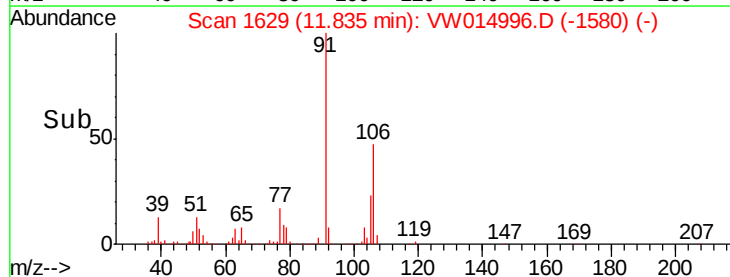
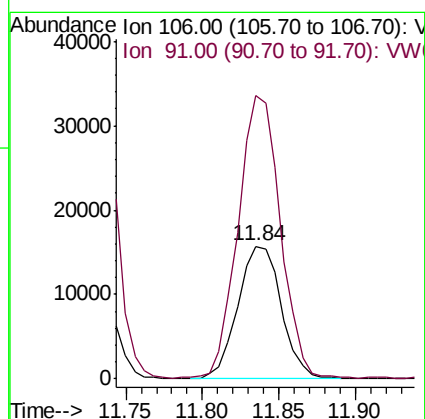
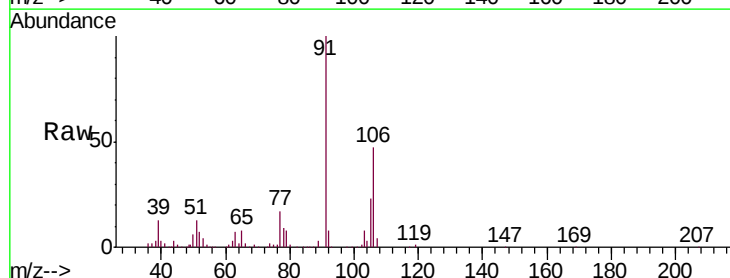
Acq: 14 Feb 2020 14:37

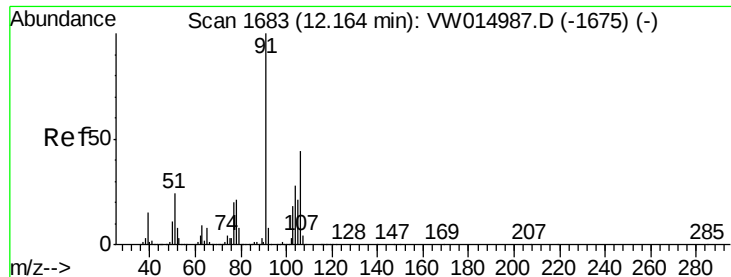
Tgt Ion: 106 Resp: 31109

Ion Ratio Lower Upper

106 100

91 213.2 149.2 277.2

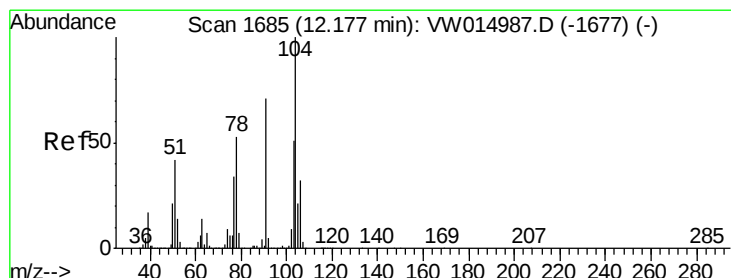
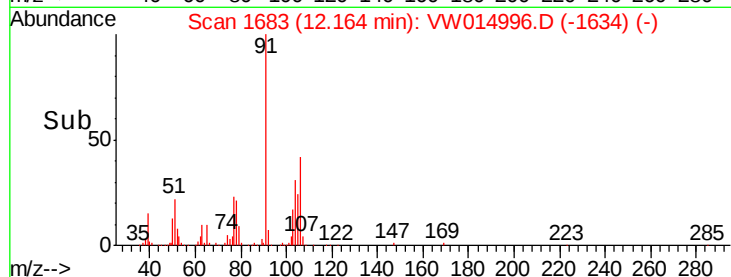
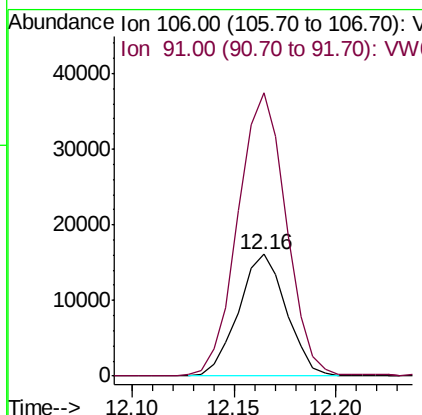
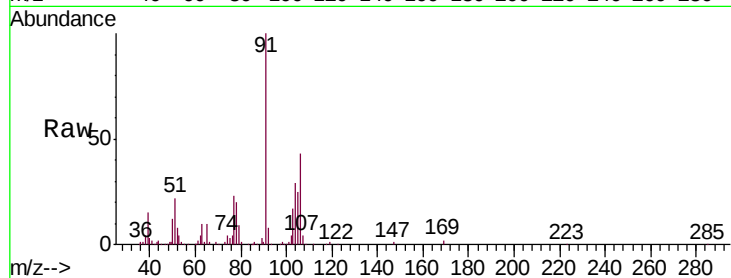




#54
o-Xylene
Concen: 1.556 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

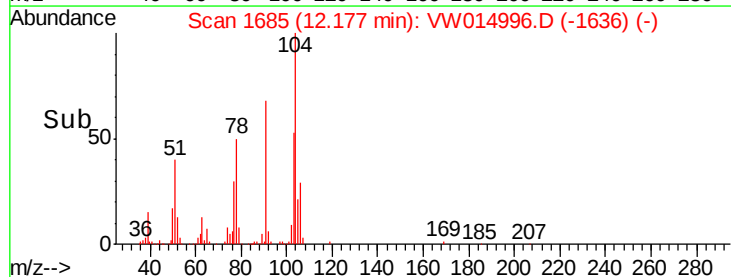
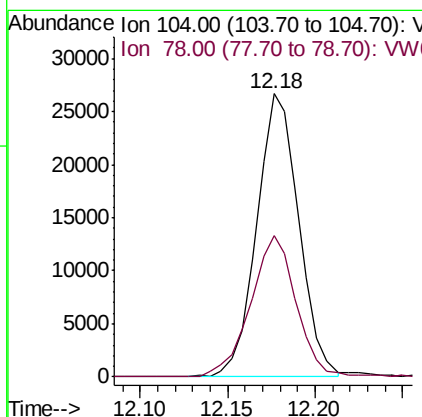
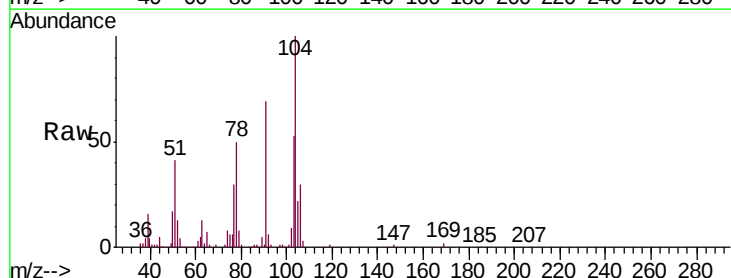
Instrument :
MSVOA_W
ClientSampled :
MDL06

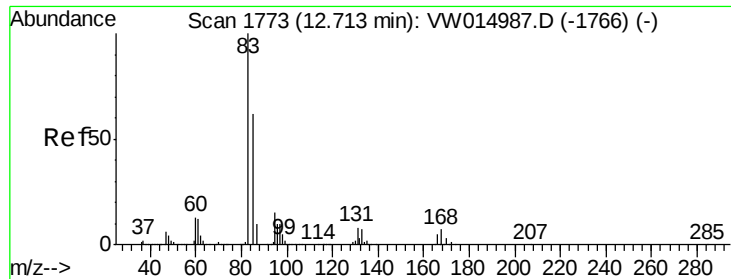
Tgt Ion:106 Resp: 26381
Ion Ratio Lower Upper
106 100
91 232.3 163.7 304.1



#55
Styrene
Concen: 1.534 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion:104 Resp: 44835
Ion Ratio Lower Upper
104 100
78 49.9 36.8 68.4

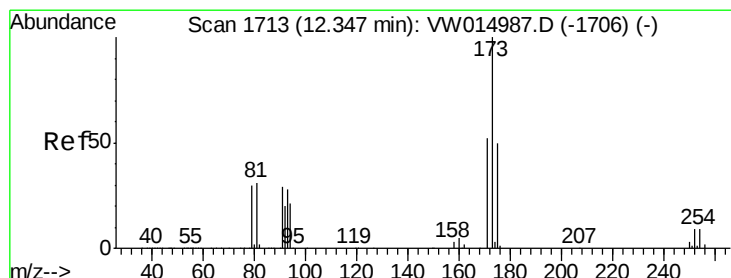
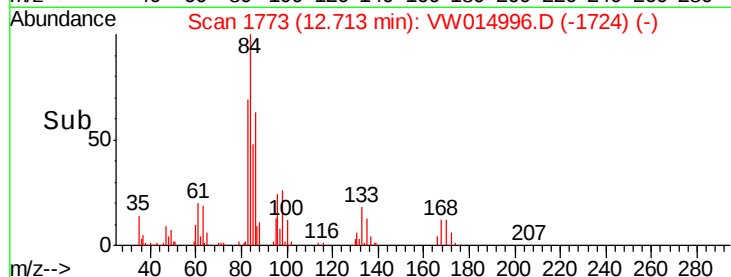
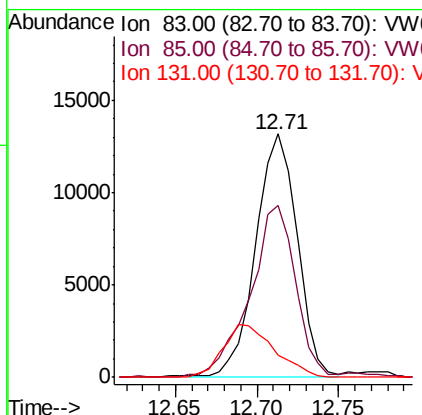
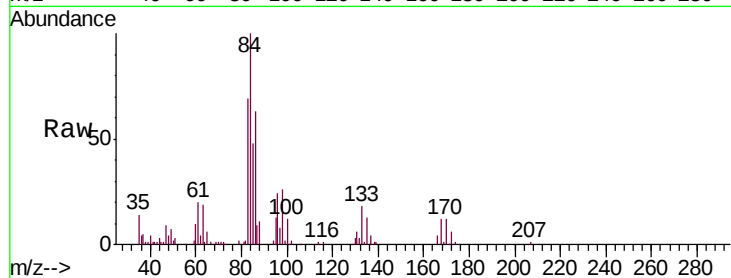




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.105 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

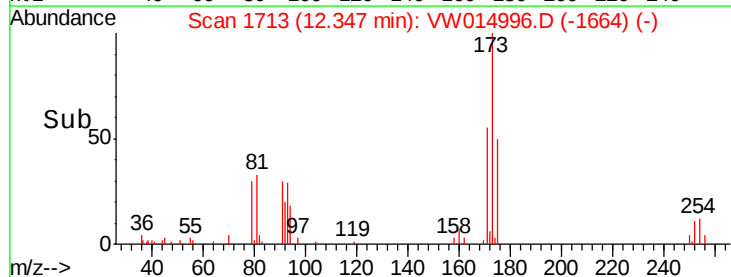
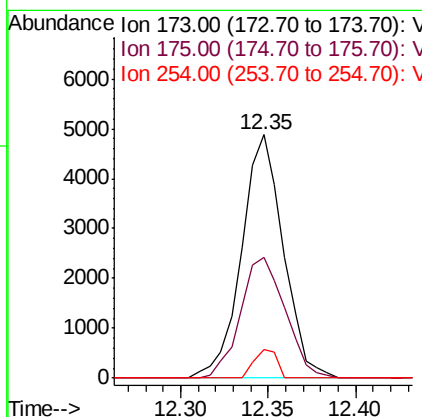
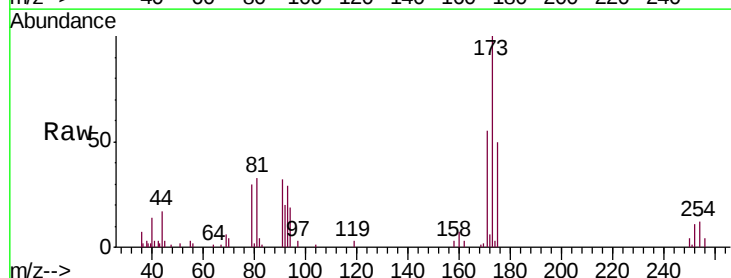
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

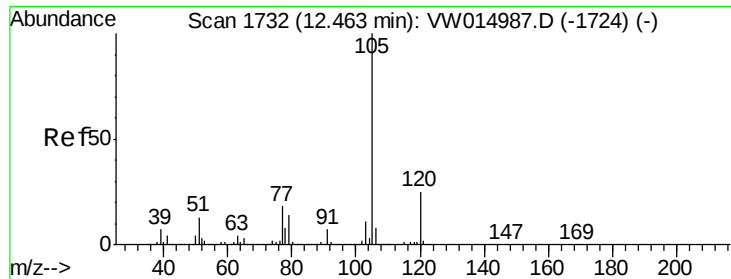
Tgt Ion: 83 Resp: 23325
 Ion Ratio Lower Upper
 83 100
 85 70.4 44.9 83.5
 131 9.0 6.2 9.2



#59
 Bromoform
 Concen: 1.969 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion: 173 Resp: 8107
 Ion Ratio Lower Upper
 173 100
 175 53.0 39.0 58.4
 254 6.4 7.1 10.7#





#60

Isopropylbenzene

Concen: 1.669 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

MDL06

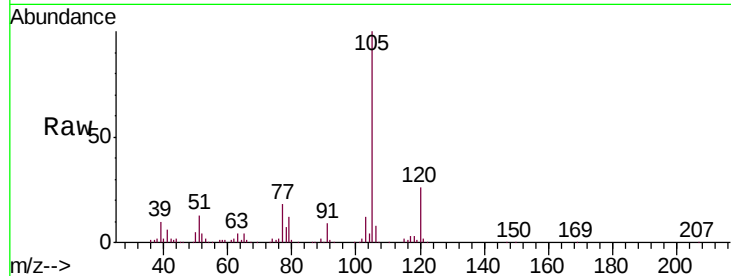
Tgt Ion: 105 Resp: 70348

Ion Ratio Lower Upper

105 100

120 26.1 20.1 30.1

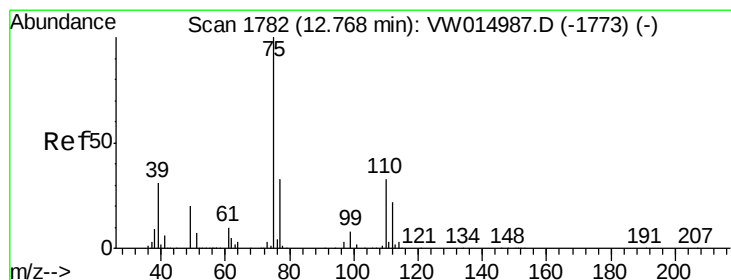
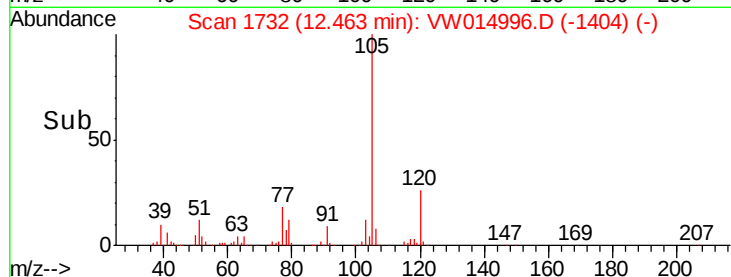
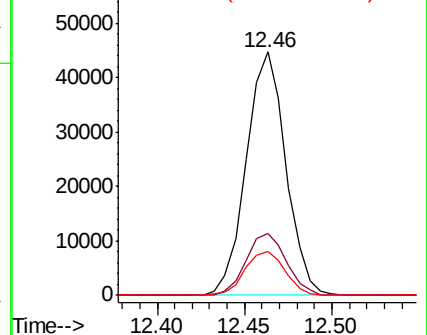
77 18.7 14.4 21.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 2.169 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

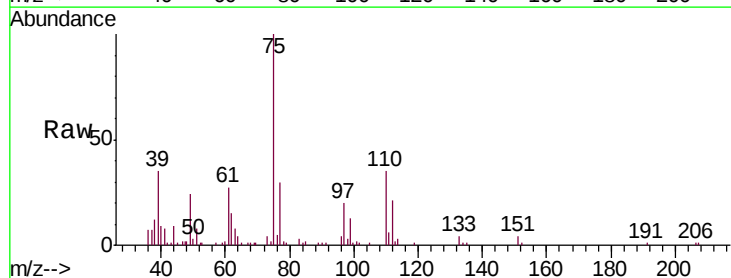
Tgt Ion: 75 Resp: 17113

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

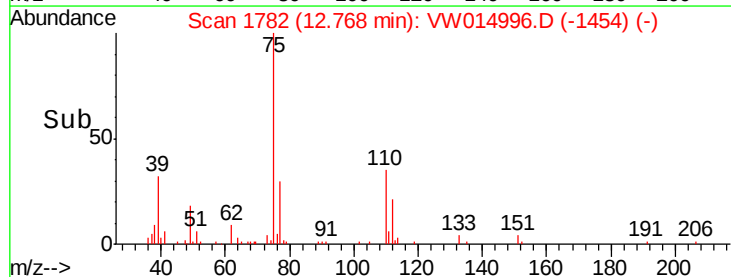
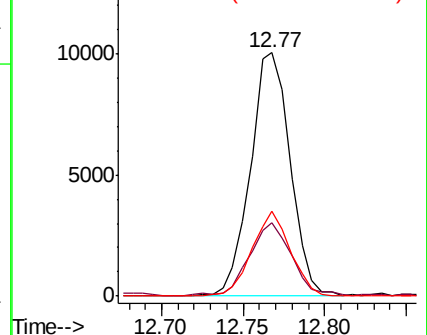
110 33.5 26.6 39.8

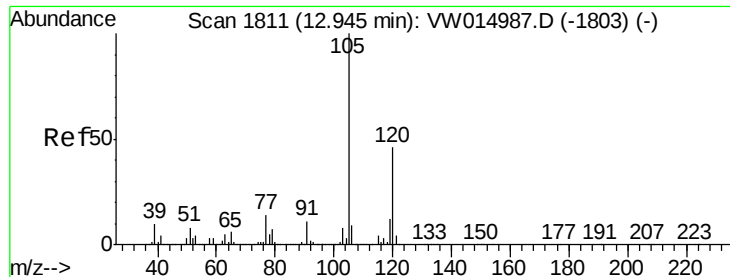


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V

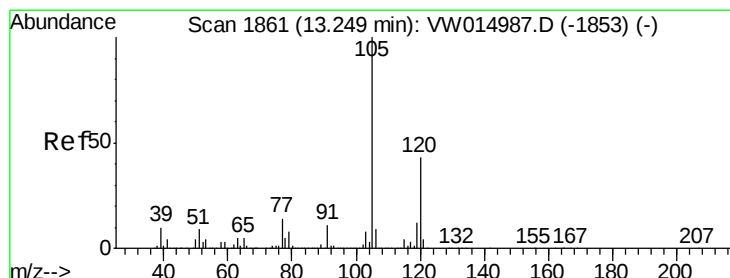
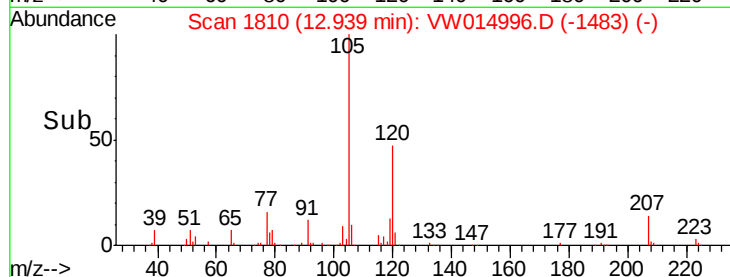
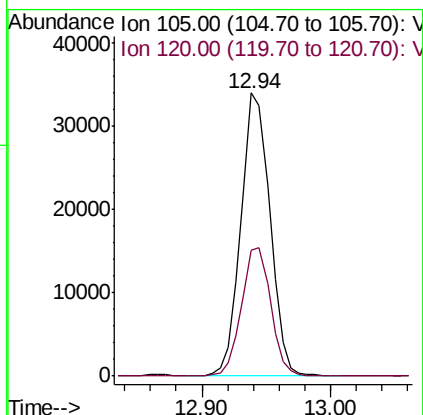
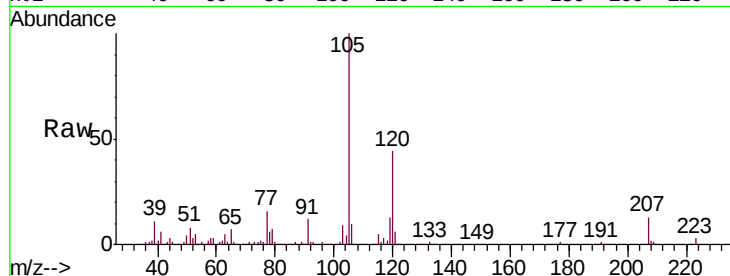




#62
 1,3,5-Trimethylbenzene
 Concen: 1.583 ug/L
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

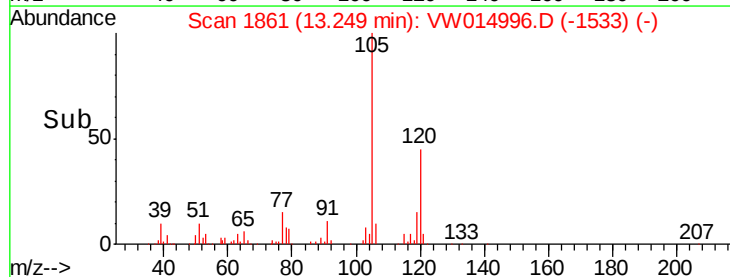
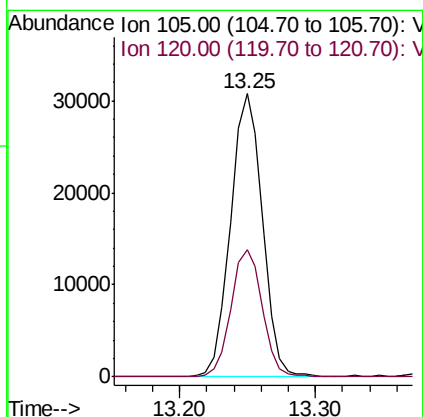
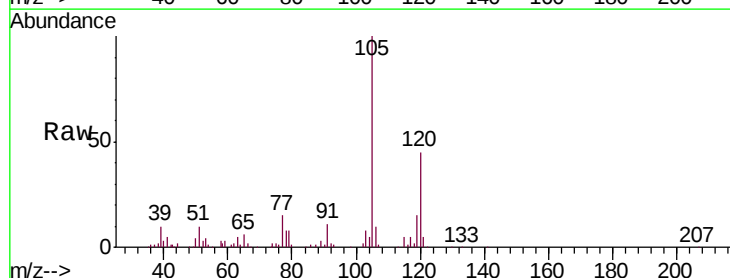
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

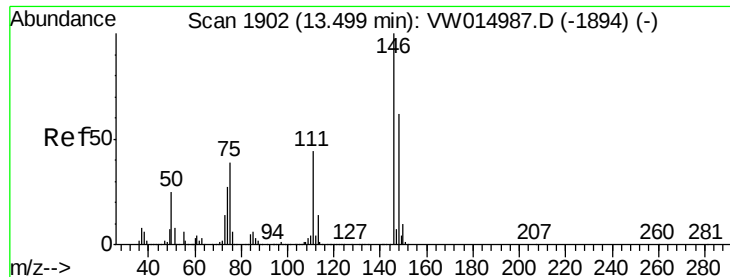
Tgt Ion:105 Resp: 53203
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 1.525 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion:105 Resp: 50138
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.0 52.4

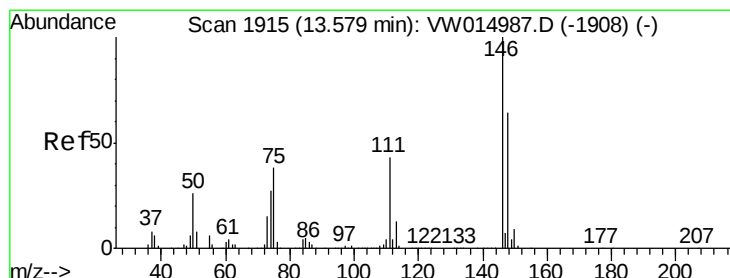
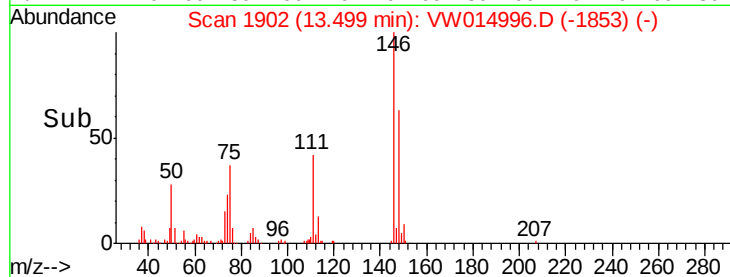
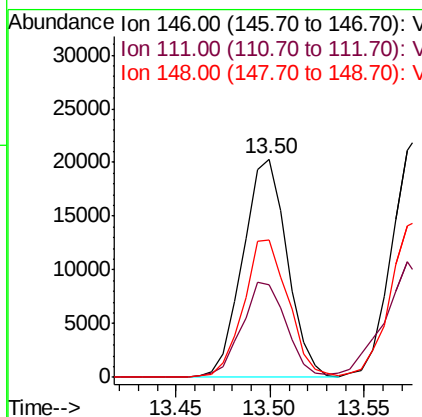
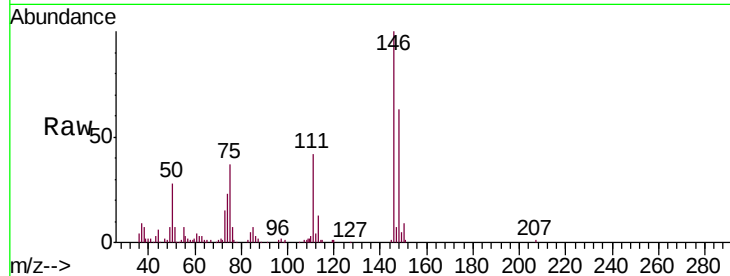




#64
 1,3-Dichlorobenzene
 Concen: 1.906 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

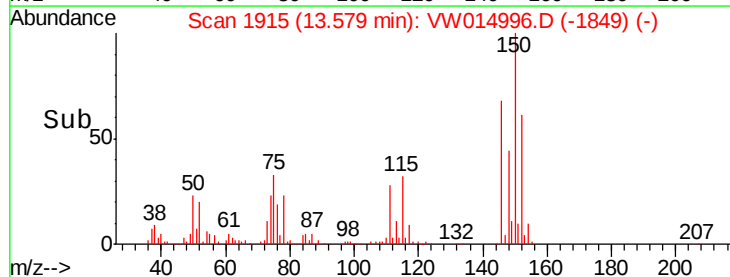
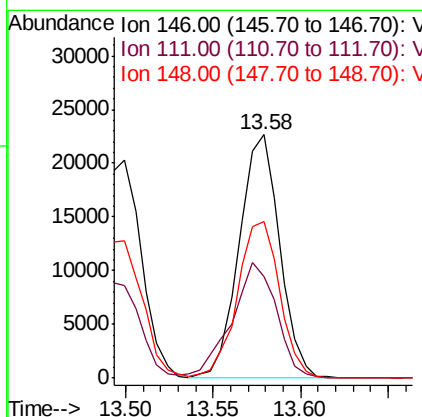
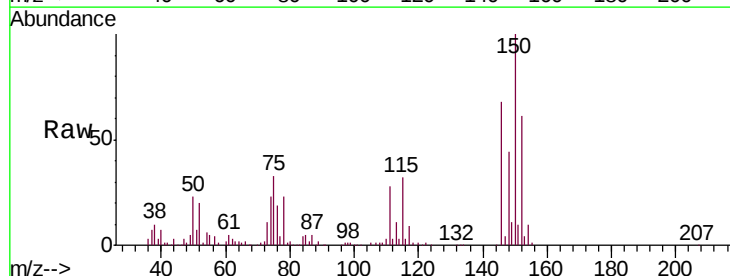
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

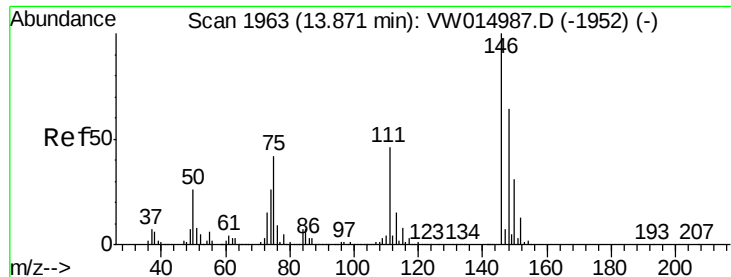
Tgt Ion:146 Resp: 33118
 Ion Ratio Lower Upper
 146 100
 111 42.3 30.2 56.0
 148 62.8 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 2.048 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion:146 Resp: 36684
 Ion Ratio Lower Upper
 146 100
 111 41.7 29.5 54.9
 148 64.2 43.8 81.3

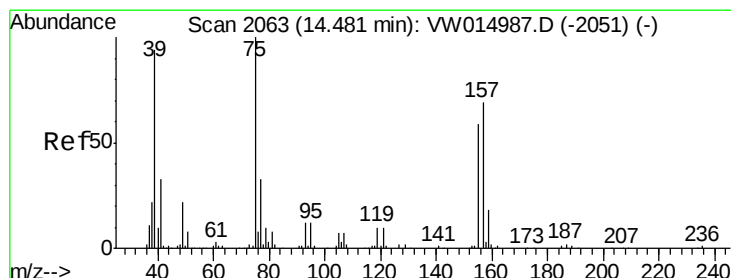
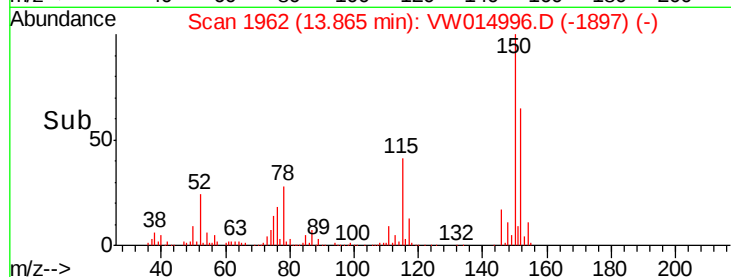
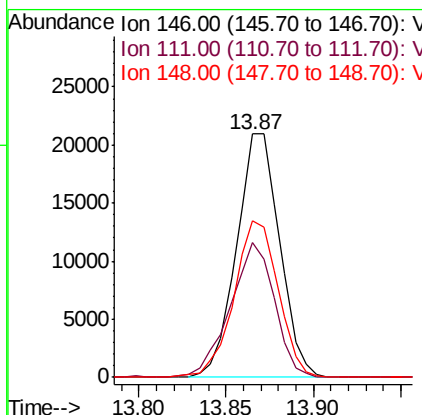
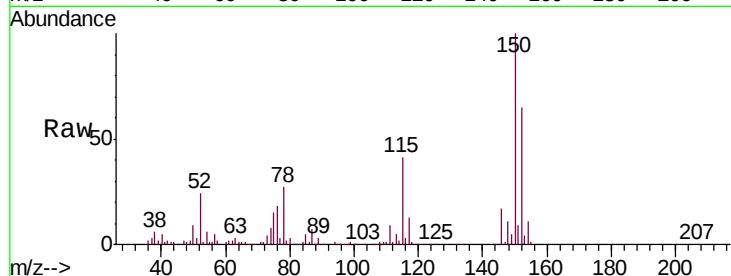




#67
 1,2-Dichlorobenzene
 Concen: 2.239 ug/L
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

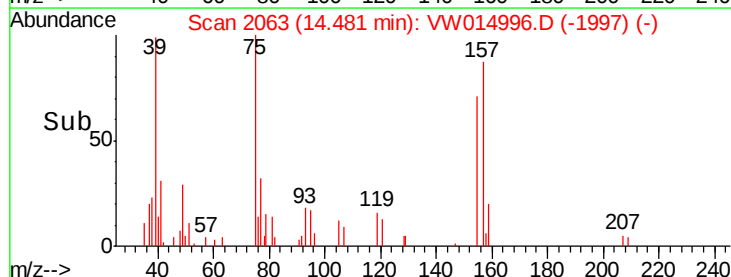
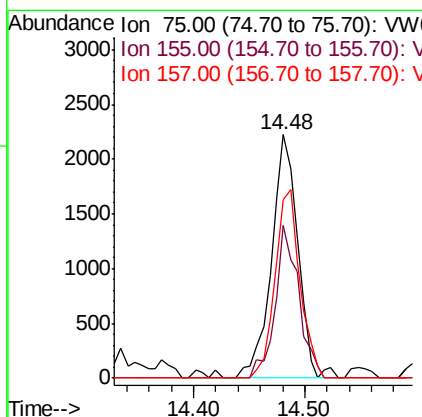
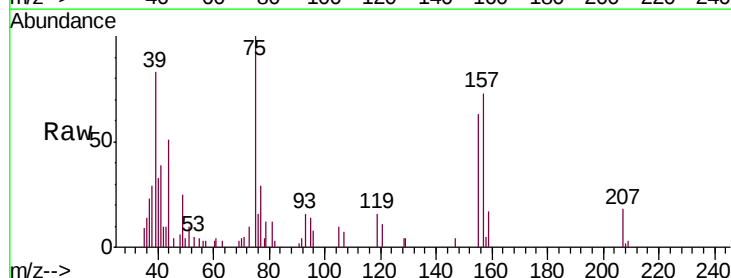
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

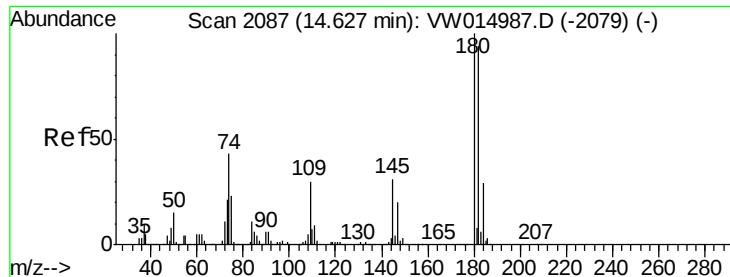
Tgt Ion:146 Resp: 35997
 Ion Ratio Lower Upper
 146 100
 111 55.1 38.0 57.0
 148 64.4 49.5 74.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.256 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014996.D
 Acq: 14 Feb 2020 14:37

Tgt Ion: 75 Resp: 3722
 Ion Ratio Lower Upper
 75 100
 155 62.5 48.0 72.0
 157 73.1 59.4 89.0





#69

1,3,5-Trichlorobenzene

Concen: 1.851 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

MDL06

Tgt Ion:180 Resp: 21554

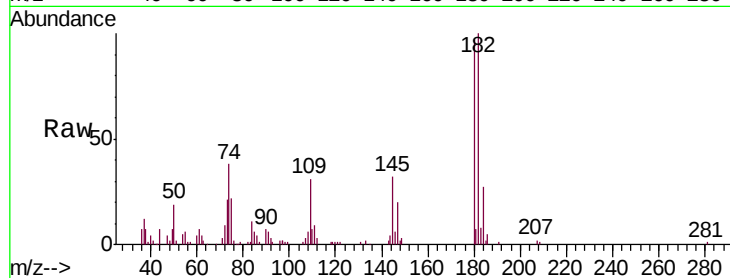
Ion Ratio Lower Upper

180 100

182 97.8 76.5 114.7

184 29.6 24.2 36.2

145 33.0 25.0 37.6

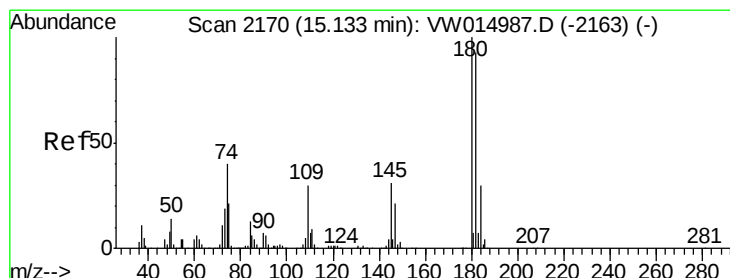
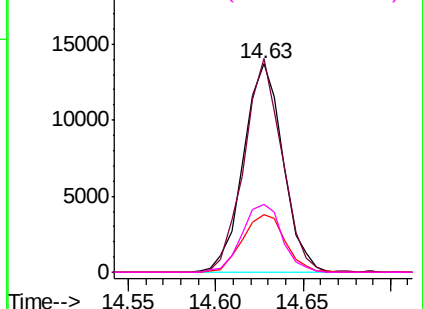
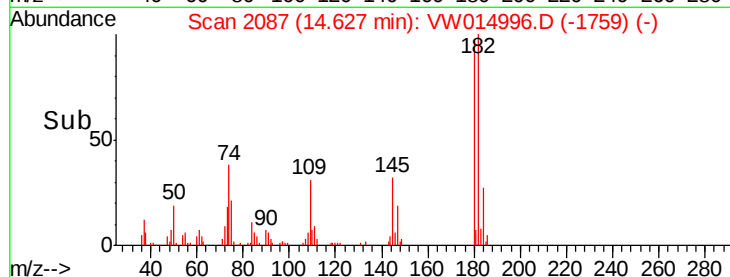


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70

1,2,4-trichlorobenzene

Concen: 1.654 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW014996.D

Acq: 14 Feb 2020 14:37

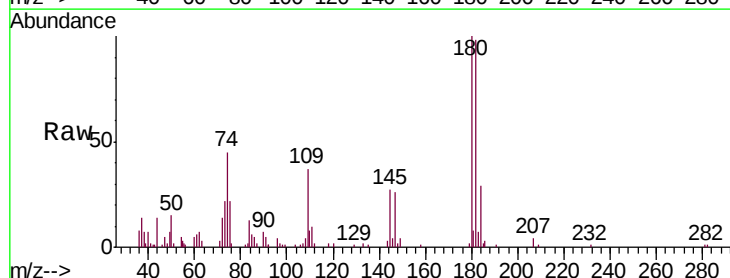
Tgt Ion:180 Resp: 14439

Ion Ratio Lower Upper

180 100

182 98.6 76.2 114.4

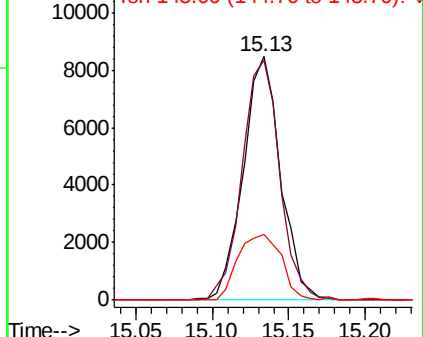
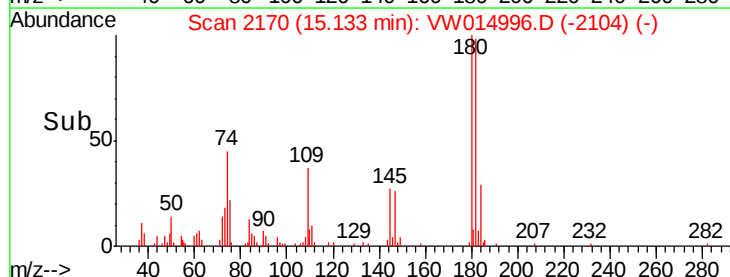
145 31.3 26.2 39.4

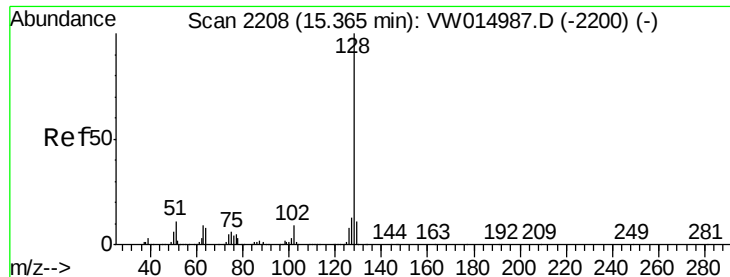


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

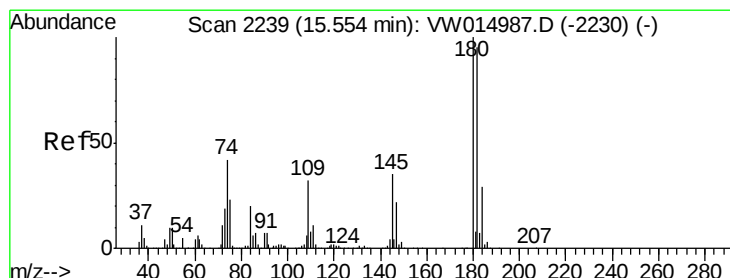
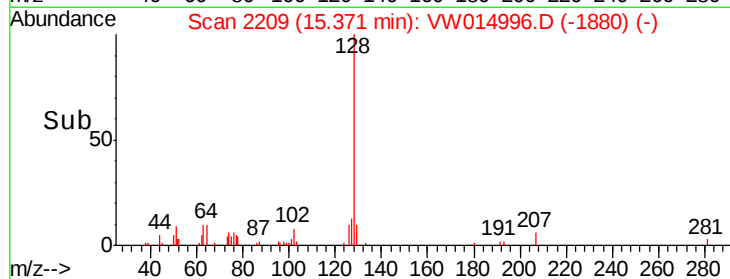
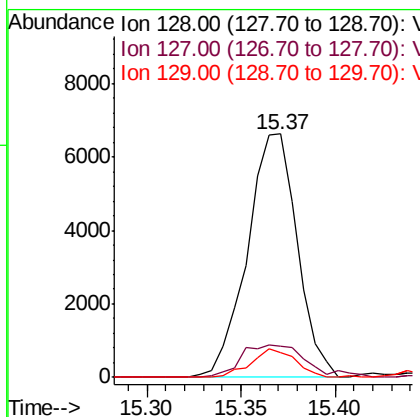
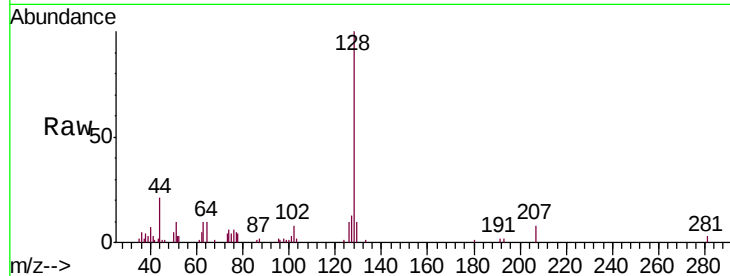




#71
Naphthalene
Concen: 1.361 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion:128 Resp: 12198
Ion Ratio Lower Upper
128 100
127 6.2 10.5 15.7#
129 10.5 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 1.710 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014996.D
Acq: 14 Feb 2020 14:37

Tgt Ion:180 Resp: 13827
Ion Ratio Lower Upper
180 100
182 87.7 75.2 112.8
145 36.4 27.0 40.6

