

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001865.D
 Acq On : 04 Mar 2020 19:34
 Operator : SY/MD
 Sample : L1778-16
 Misc : 7.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

Quant Time: Mar 05 04:12:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

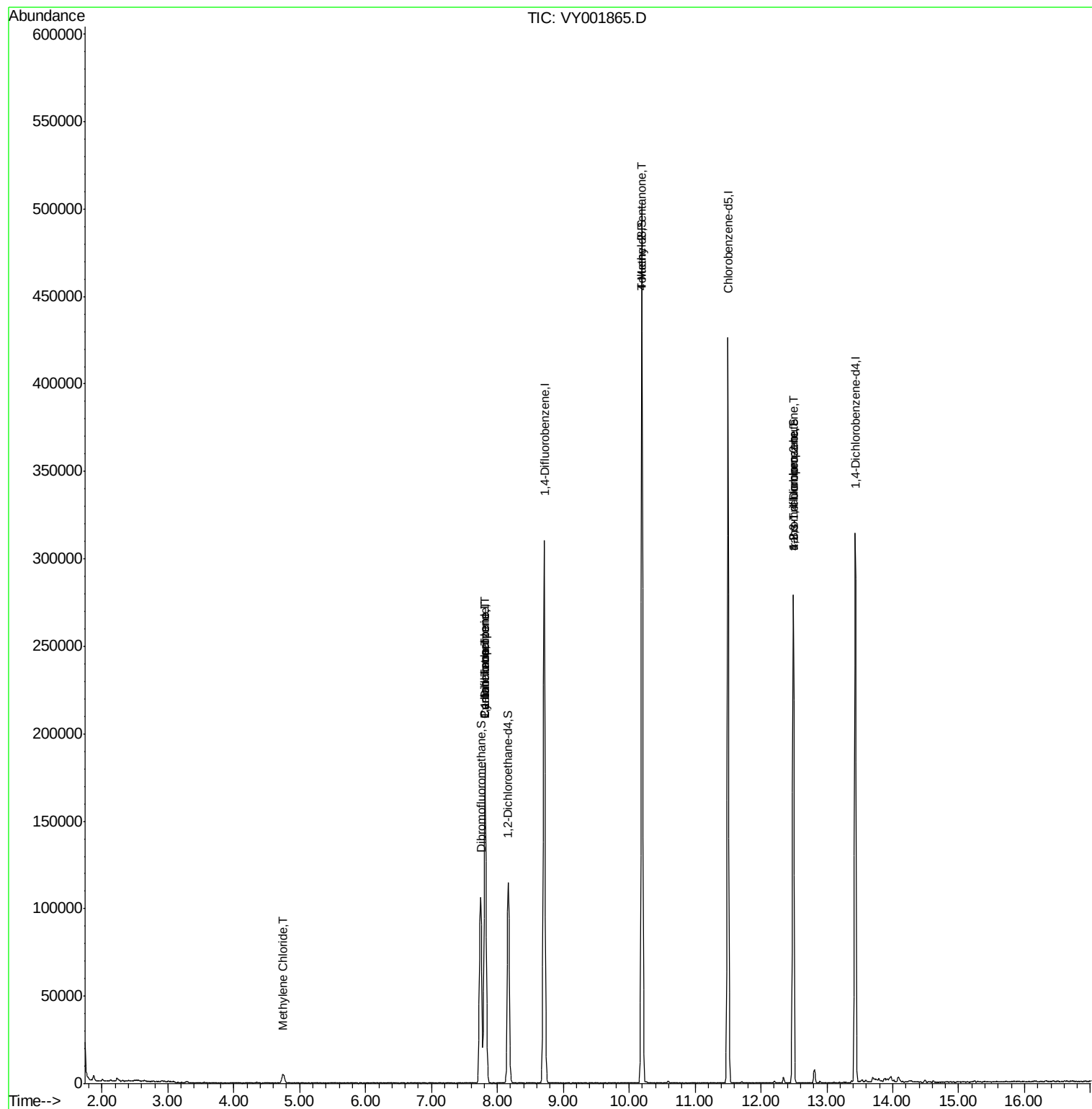
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	137142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	264658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	223746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	75717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86884	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
35) Dibromofluoromethane	7.75	113	78500	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
50) Toluene-d8	10.19	98	319708	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	91903	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.63	94	29	Below Cal	#	4
20) Methylene Chloride	4.74	84	3631	1.987	ug/l #	89
31) Cyclohexane	7.82	56	3257	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11785	4.627	ug/l #	50
38) Carbon Tetrachloride	7.82	117	14322	6.583	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	1486	1.029	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	47002	52.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47002	105.675	ug/l #	17

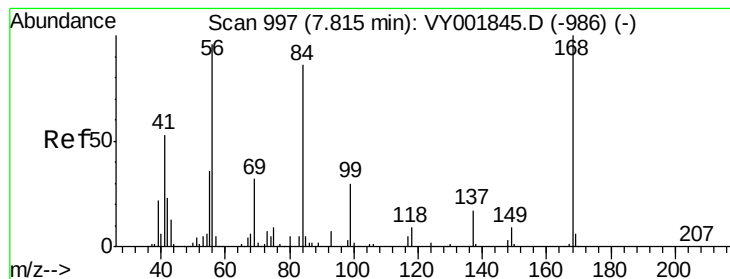
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

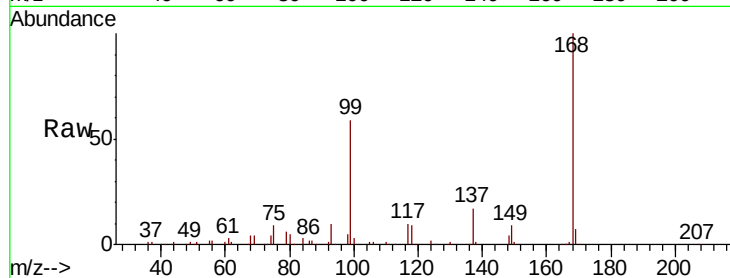
S7

Tot Ion:168 Resp: 137142

Ion Ratio Lower Upper

168 100

99 59.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

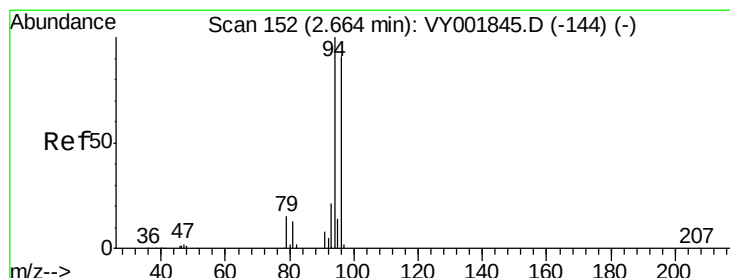
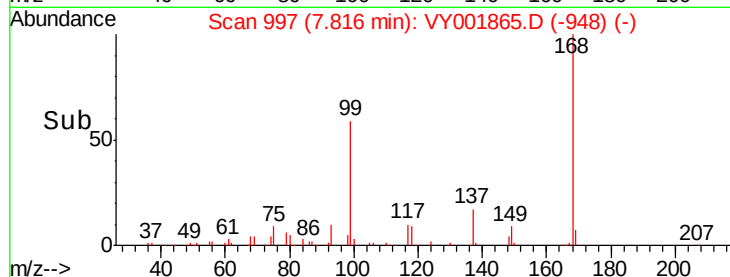
40000

20000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.63 min Scan# 147

Delta R.T. -0.03 min

Lab File: VY001865.D

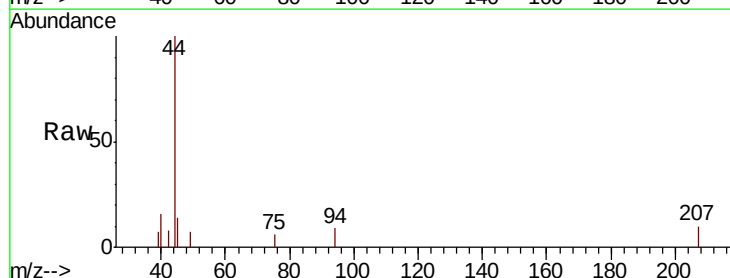
Acq: 04 Mar 2020 19:34

Tgt Ion: 94 Resp: 29

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.63

80

60

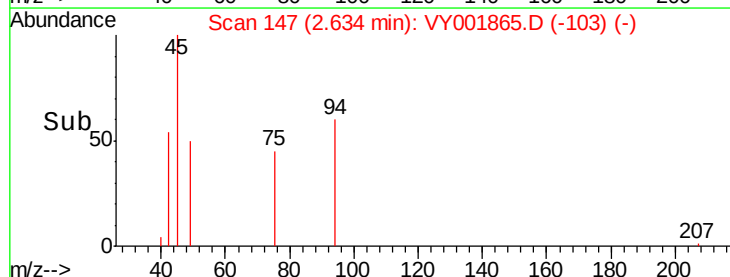
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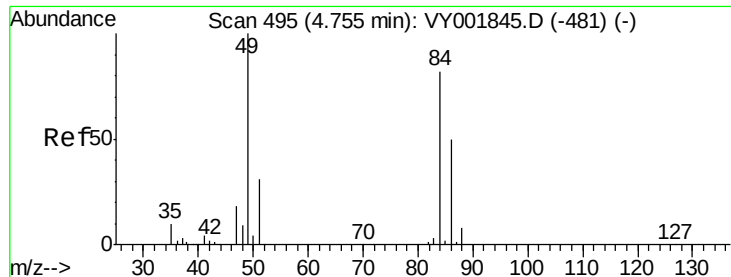
20

0

2.61 2.62 2.63 2.64 2.65

Time-->

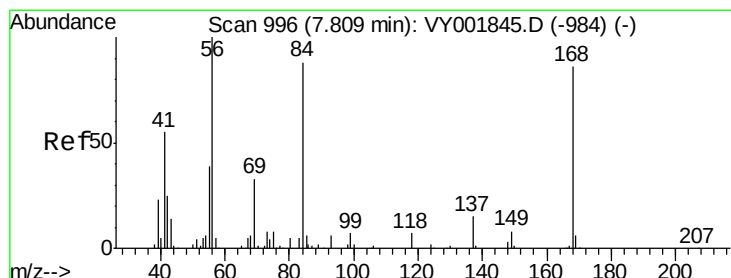
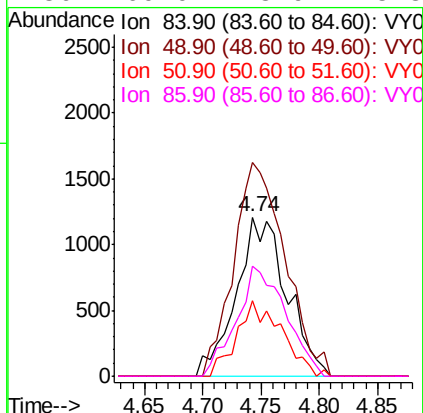
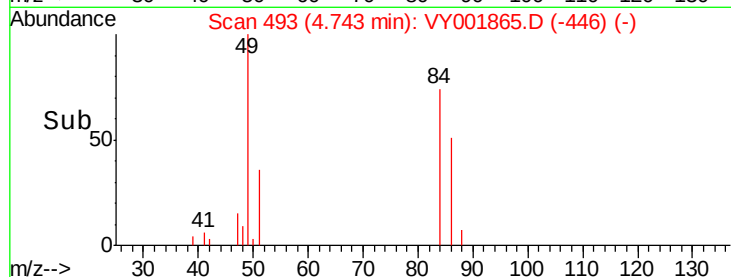
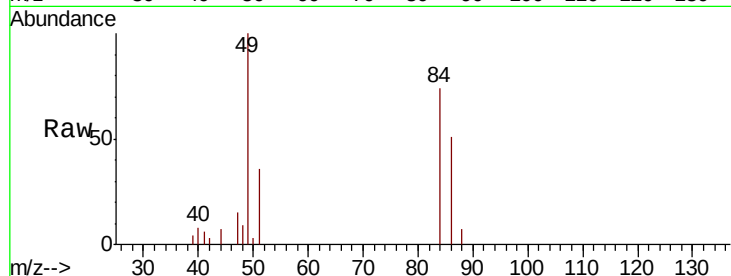




#20
Methylene Chloride
Concen: 1.987 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

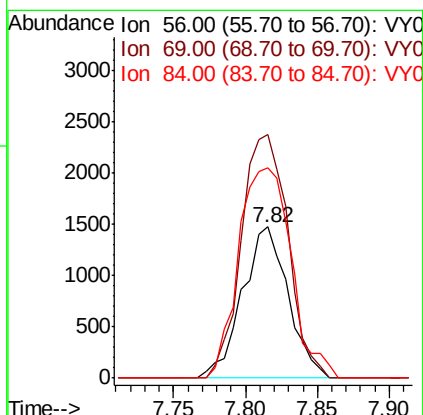
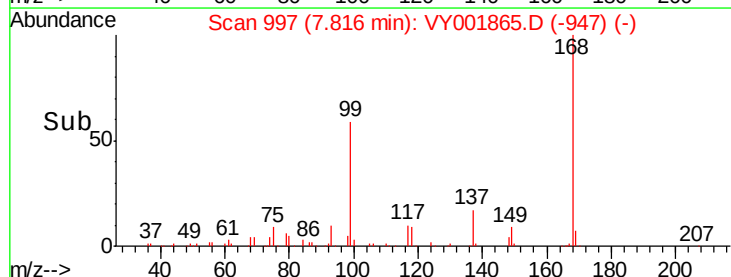
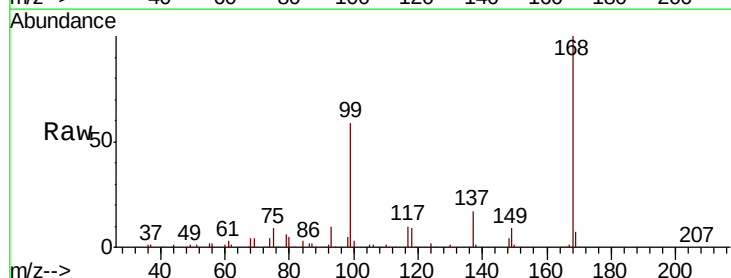
Instrument :
MSVOA_Y
ClientSampled :
S7

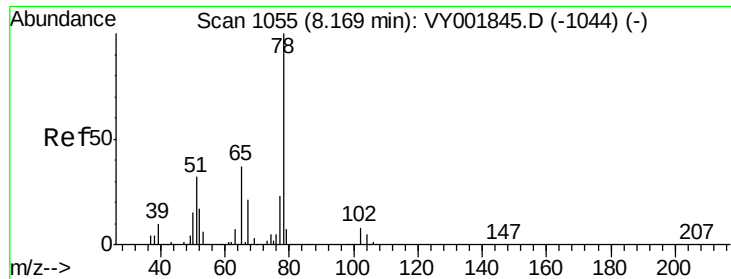
Tot Ion: 84 Resp: 3631
Ion Ratio Lower Upper
84 100
49 134.3 98.2 147.2
51 47.7 30.2 45.2#
86 69.0 48.9 73.3



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Tgt Ion: 56 Resp: 3257
Ion Ratio Lower Upper
56 100
69 160.8 26.7 40.1#
84 138.6 70.4 105.6#

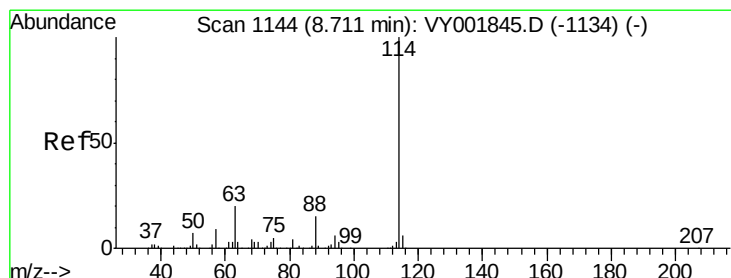
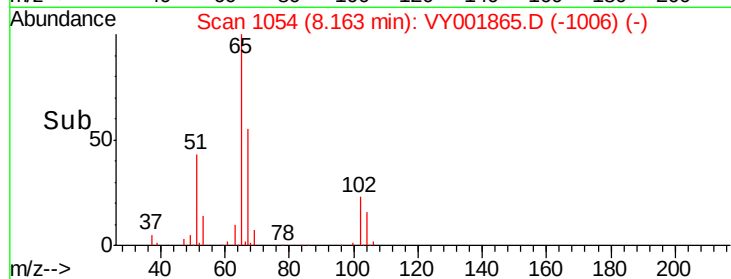
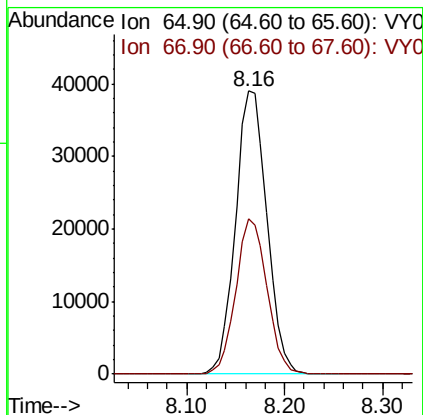
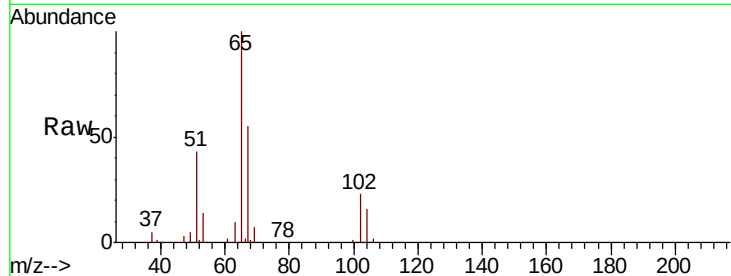




#33
 1,2-Dichloroethane-d4
 Concen: 59.344 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001865.D
 Acq: 04 Mar 2020 19:34

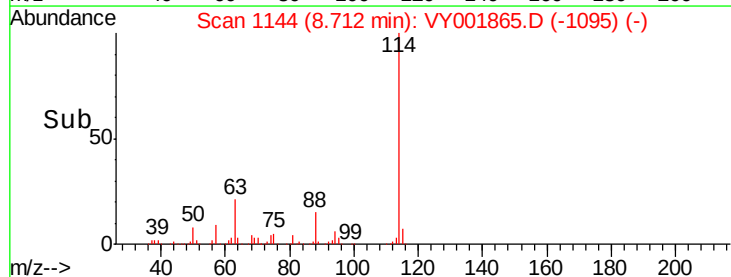
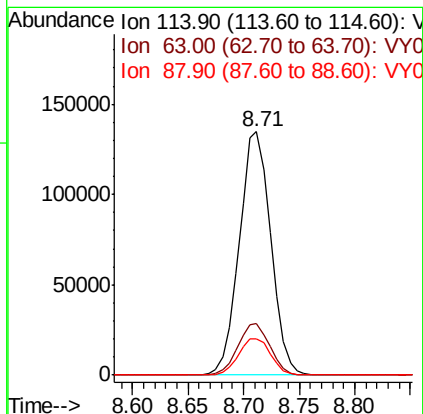
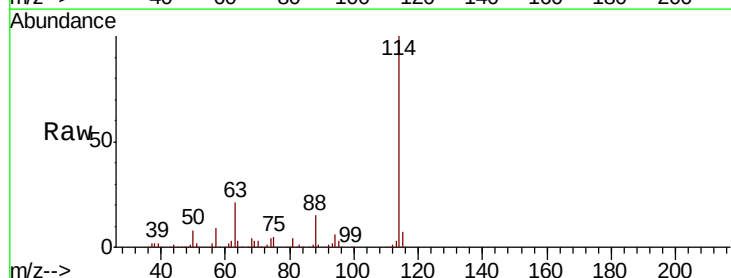
Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

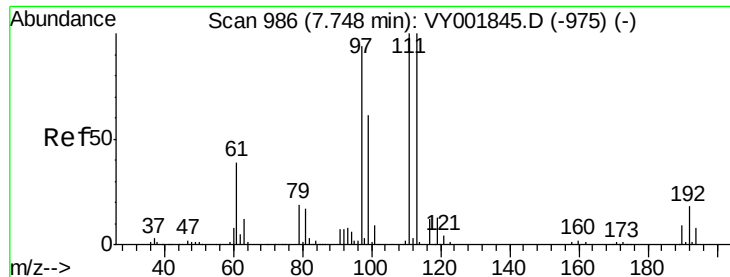
Tot Ion: 65 Resp: 86884
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001865.D
 Acq: 04 Mar 2020 19:34

Tgt Ion: 114 Resp: 264658
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.4
 88 15.0 0.0 30.4

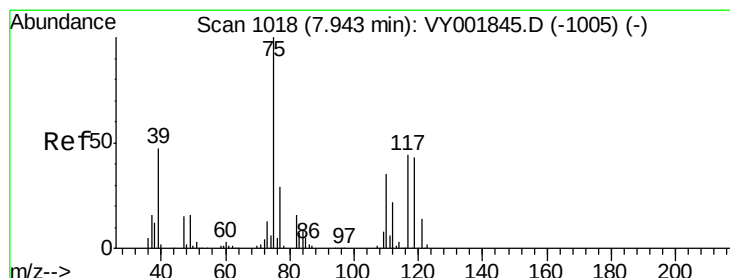
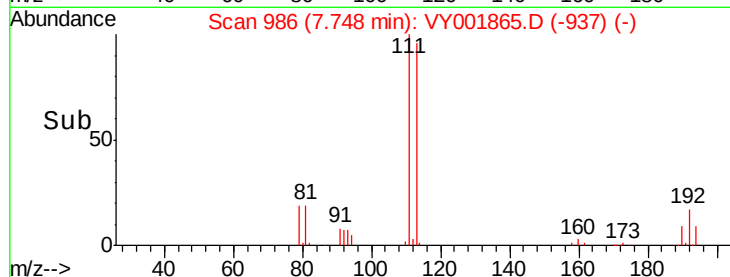
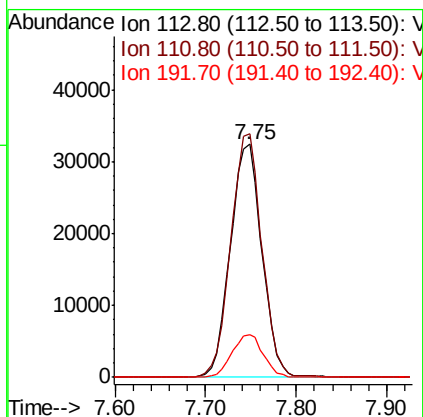
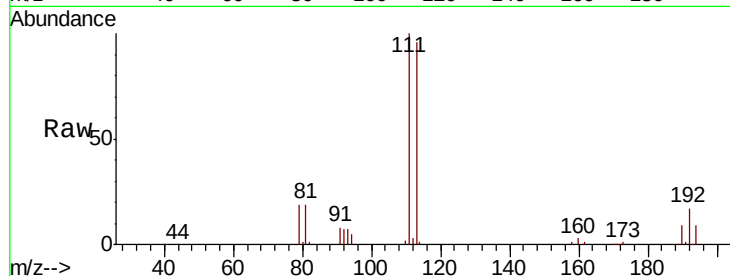




#35
Dibromofluoromethane
Concen: 54.320 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

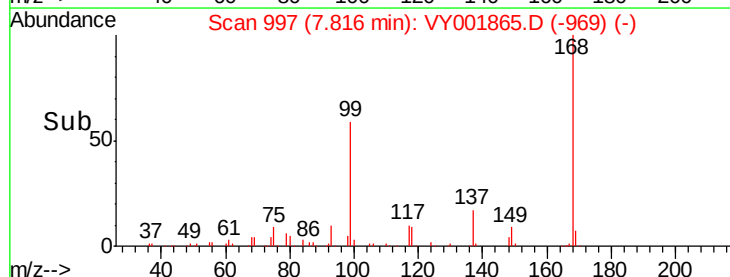
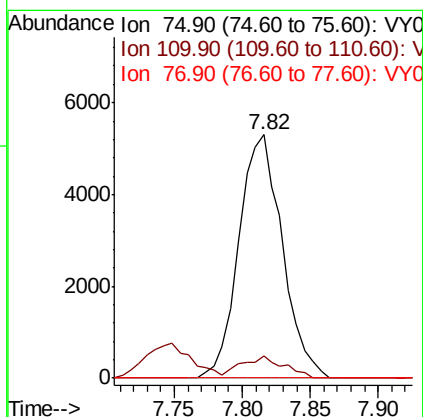
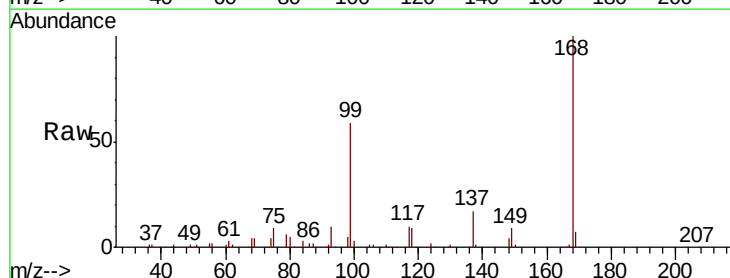
Instrument :
MSVOA_Y
ClientSampled :
S7

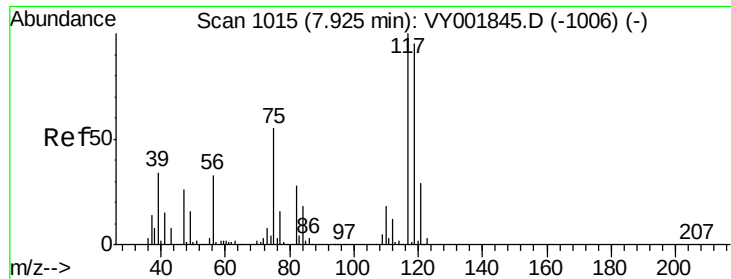
Tot Ion:113 Resp: 78500
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Tgt Ion: 75 Resp: 11785
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.2#
77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.583 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

S7

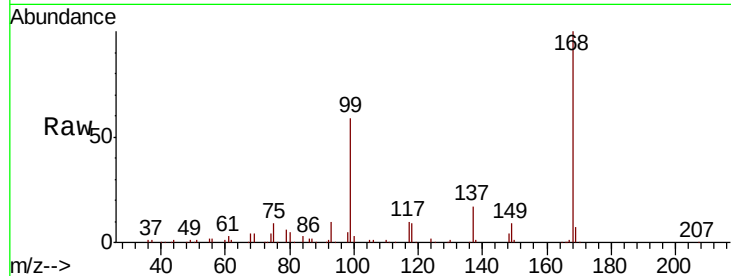
Tot Ion:117 Resp: 14322

Ion Ratio Lower Upper

117 100

119 3.8 76.3 114.5#

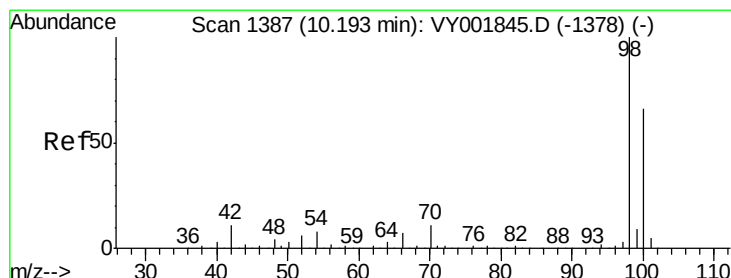
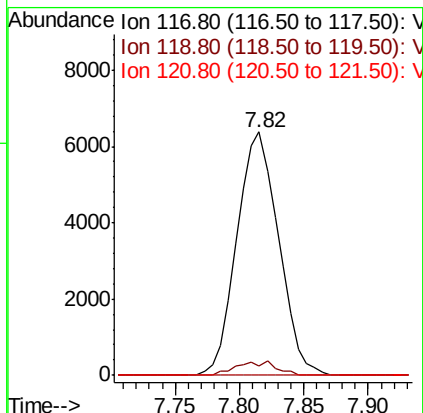
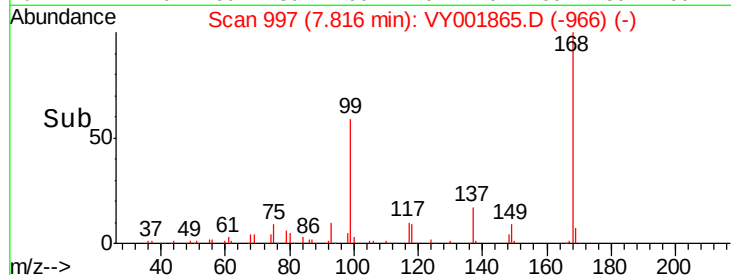
121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.463 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001865.D

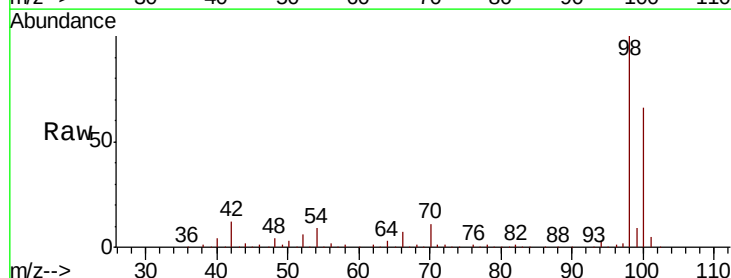
Acq: 04 Mar 2020 19:34

Tgt Ion: 98 Resp: 319708

Ion Ratio Lower Upper

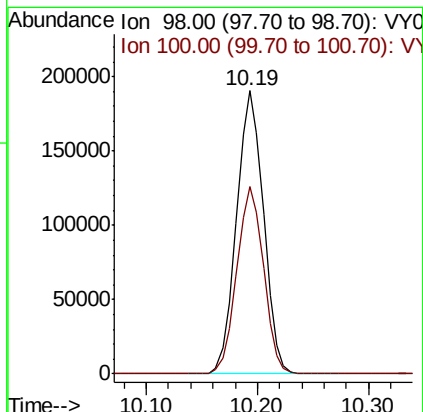
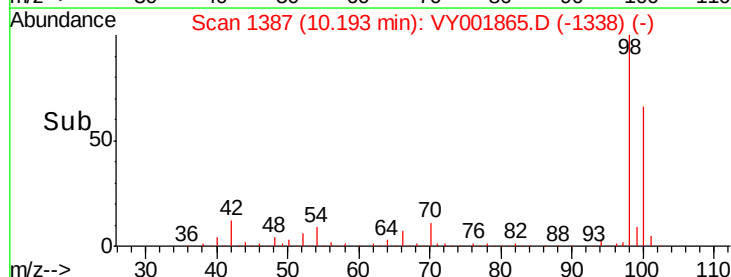
98 100

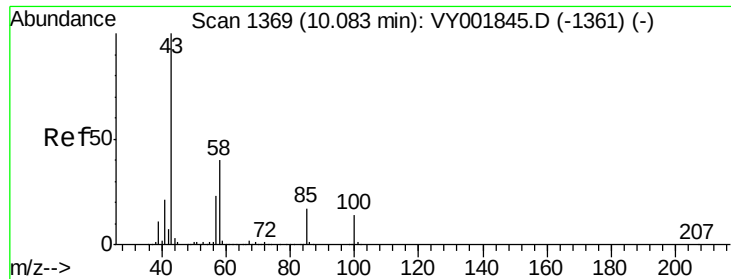
100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

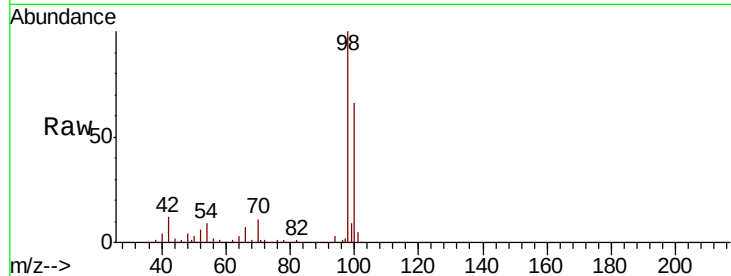




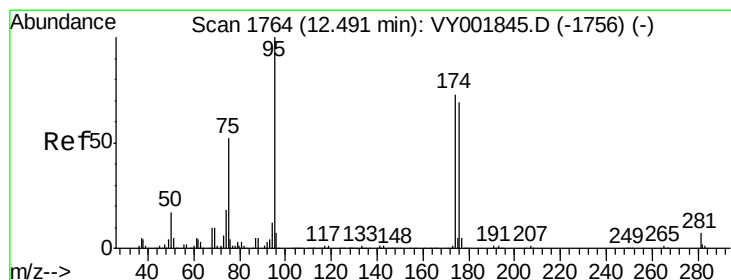
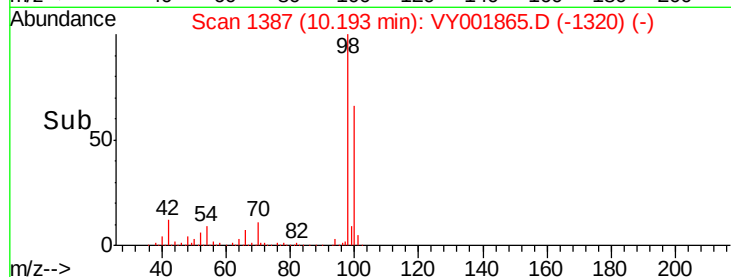
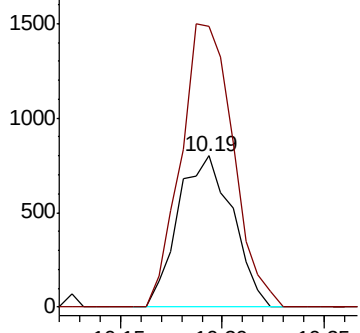
#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
S7

Tot Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 179.3 32.0 48.0#

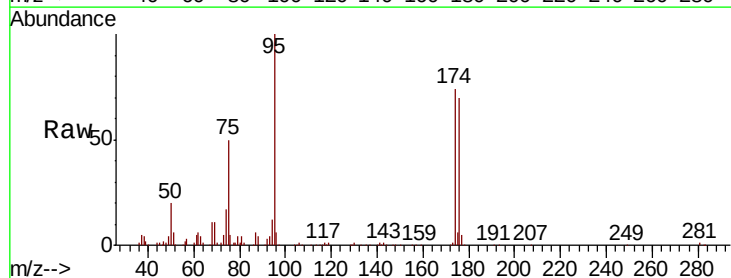


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

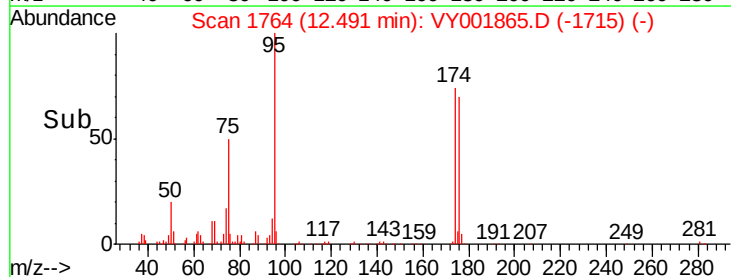
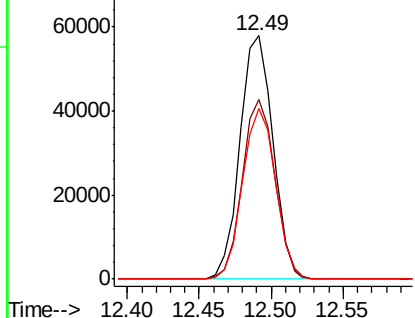


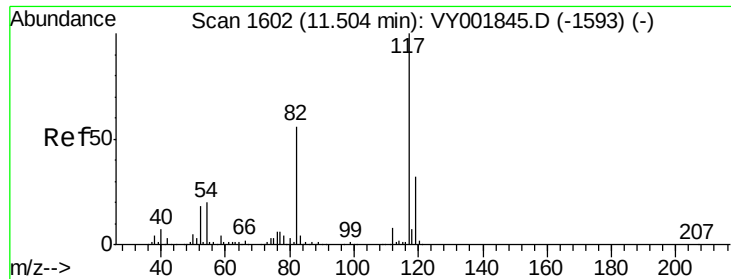
#62
4-Bromofluorobenzene
Concen: 43.372 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Tgt Ion: 95 Resp: 91903
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.0
176 69.8 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

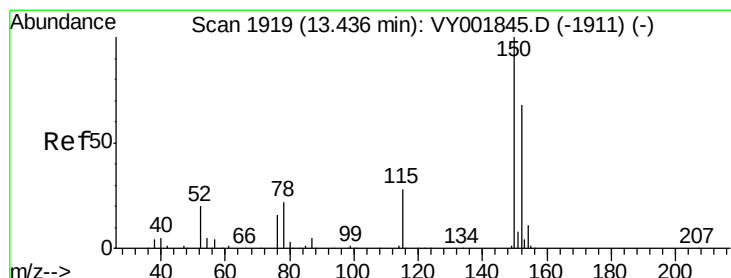
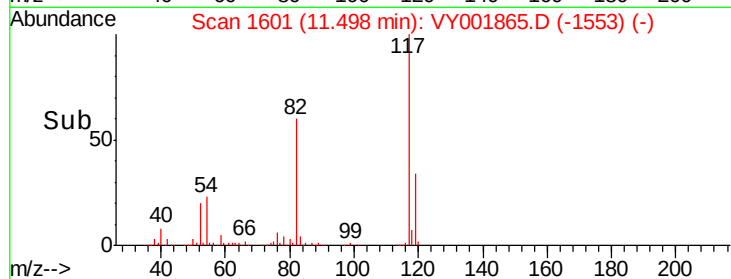
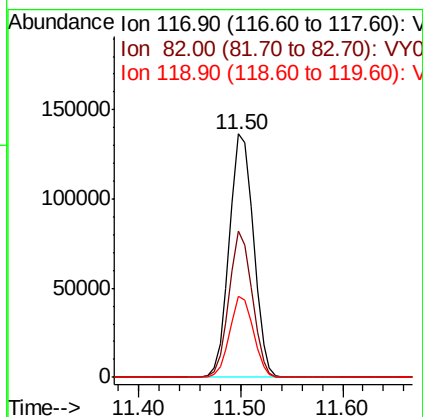
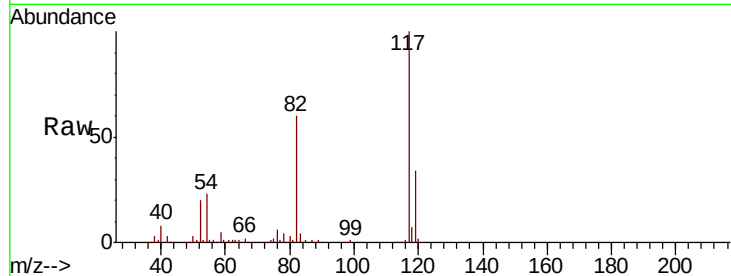




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

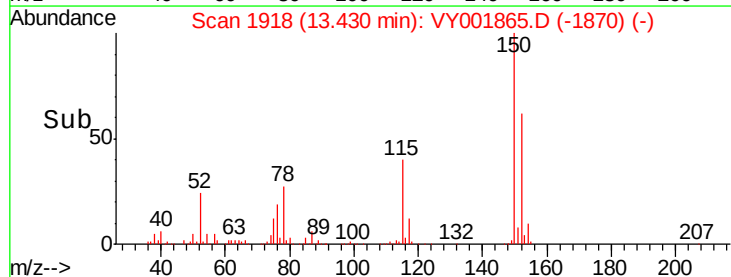
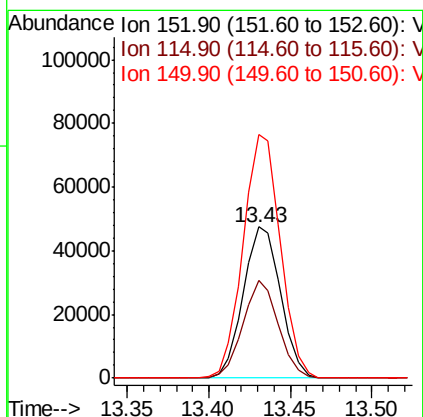
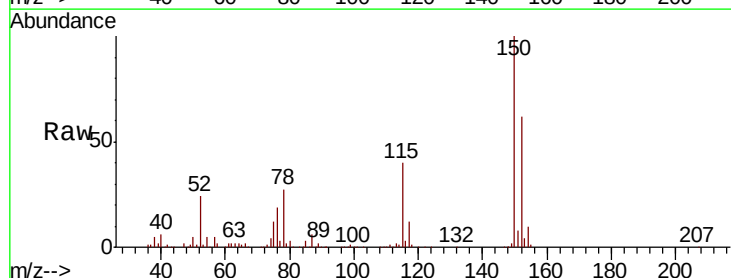
Instrument :
MSVOA_Y
ClientSampleId :
S7

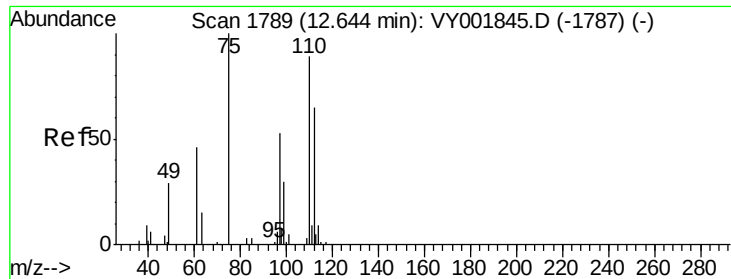
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	44.5	66.7
119	33.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.9	89.7
150	160.3	0.0	340.6





#76

1,2,3-Trichloropropane

Concen: 52.316 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

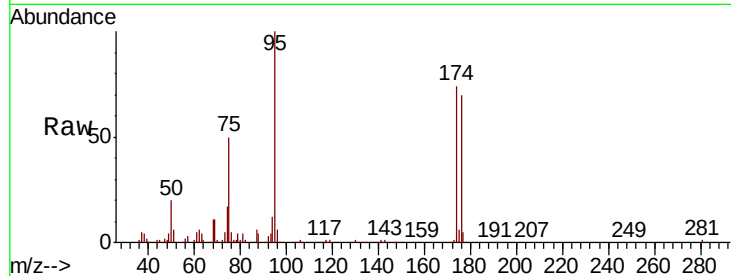
S7

Tot Ion: 75 Resp: 47002

Ion Ratio Lower Upper

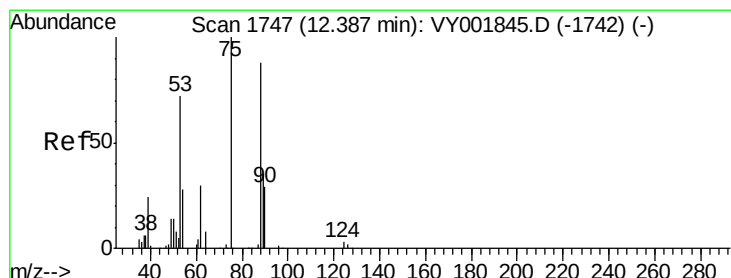
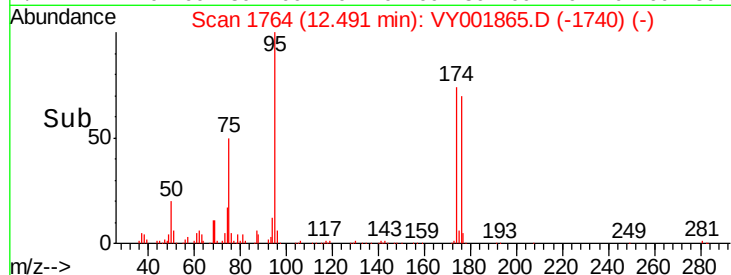
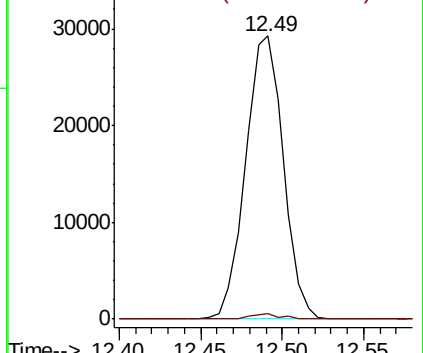
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 105.675 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

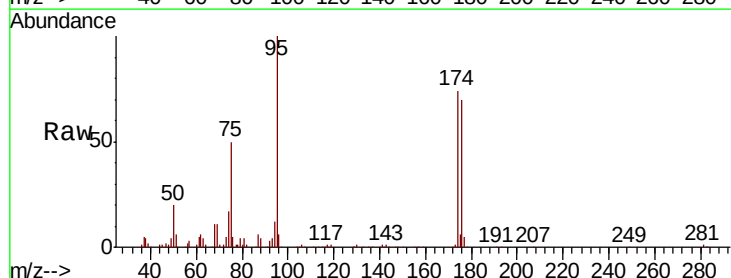
Tgt Ion: 75 Resp: 47002

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

