

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
 Data File : VY001912.D
 Acq On : 09 Mar 2020 16:47
 Operator : SY/MD
 Sample : L1852-10
 Misc : 6.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-D2

Quant Time: Mar 10 11:54:58 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	7.80	168	148695	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	285978	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	246693	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	94150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	89127	56.15	ug/l	-0.02
Spiked Amount			Recovery	=	112.30%	
35) Dibromofluoromethane	7.73	113	82260	52.68	ug/l	-0.02
Spiked Amount			Recovery	=	105.36%	
50) Toluene-d8	10.18	98	343532	52.17	ug/l	-0.01
Spiked Amount			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.48	95	106671	46.59	ug/l	-0.01
Spiked Amount			Recovery	=	93.18%	

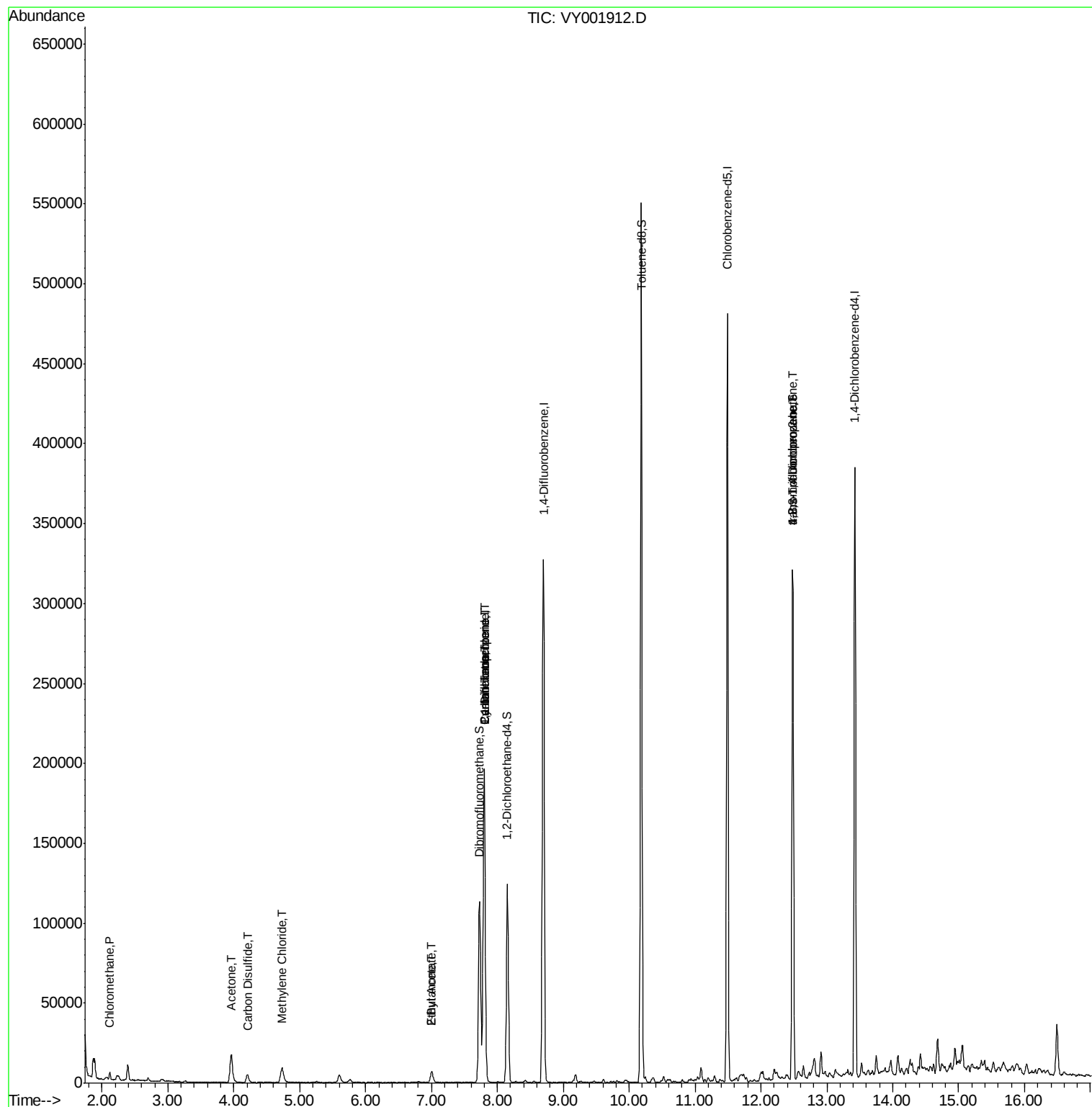
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	4170	2.25	ug/l	98
11) Tert butyl alcohol	4.96	59	24	Below Cal	#	74
16) Acetone	3.96	43	30707	66.41	ug/l	96
17) Carbon Disulfide	4.20	76	9549	1.72	ug/l	96
20) Methylene Chloride	4.73	84	6703	3.38	ug/l	# 90
25) 2-Butanone	7.00	43	12967	18.44	ug/l	93
31) Cyclohexane	7.80	56	3994	1.14	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	12747	4.63	ug/l	# 49
37) Ethyl Acetate	7.00	43	12967	8.11	ug/l	# 69
38) Carbon Tetrachloride	7.80	117	15503	6.59	ug/l	# 15
76) 1,2,3-Trichloropropane	12.48	75	54736	49.00	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	54736	98.97	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: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001912.D

Acq: 09 Mar 2020 16:47

Instrument :

MSVOA_Y

ClientSampleId :

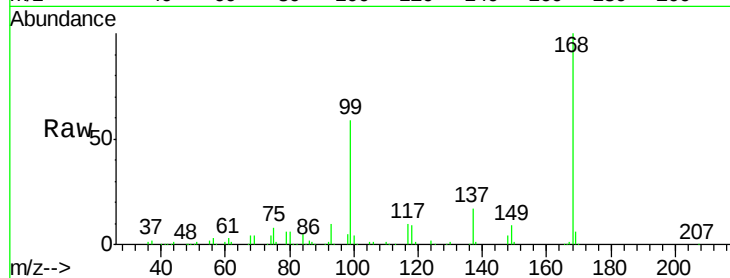
TP-2-D2

Tgt Ion:168 Resp: 148695

Ion Ratio Lower Upper

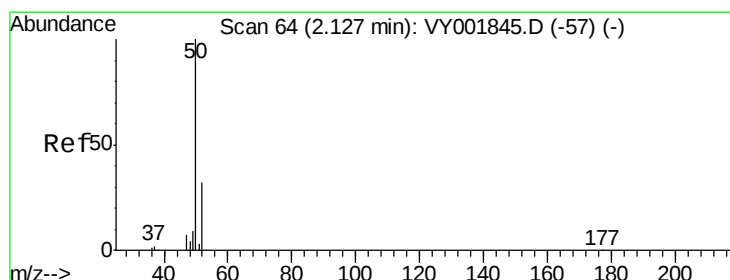
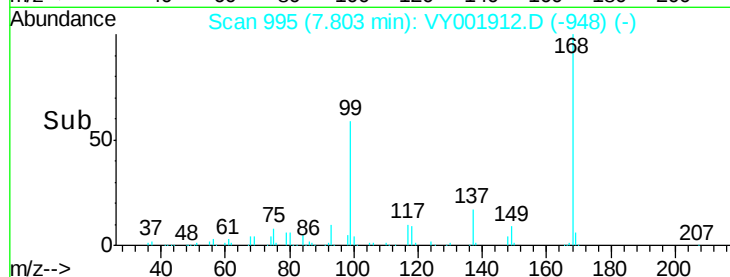
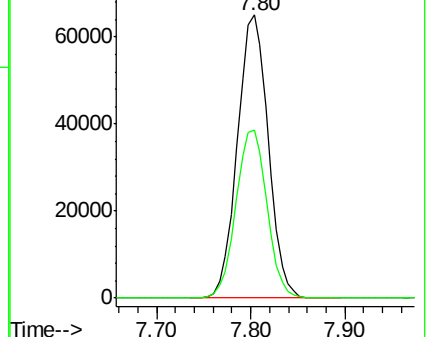
168 100

99 59.3 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) (-)



#3

Chloromethane

Concen: 2.25 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001912.D

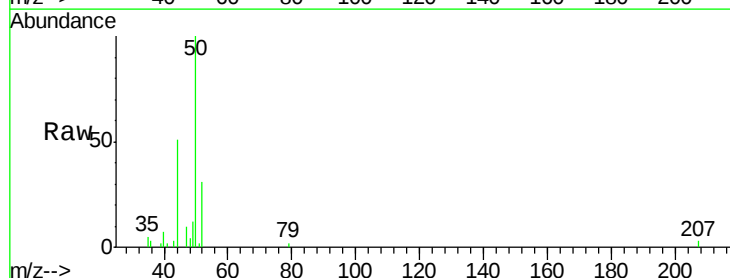
Acq: 09 Mar 2020 16:47

Tgt Ion: 50 Resp: 4170

Ion Ratio Lower Upper

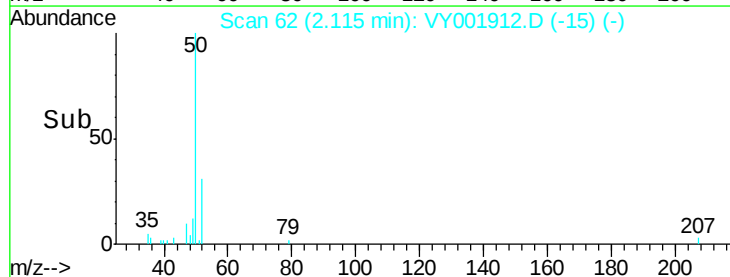
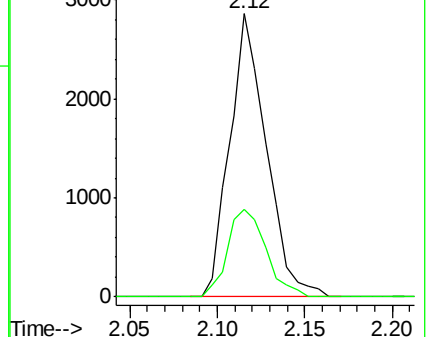
50 100

52 31.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001845.D (-57) (-)



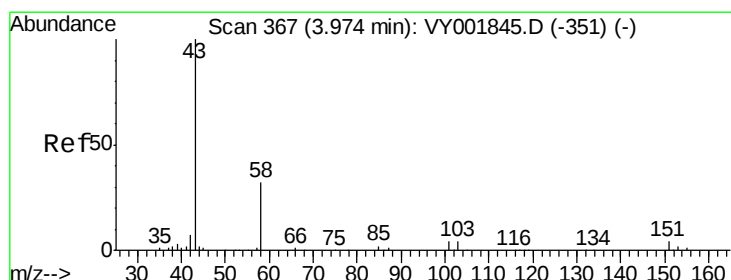
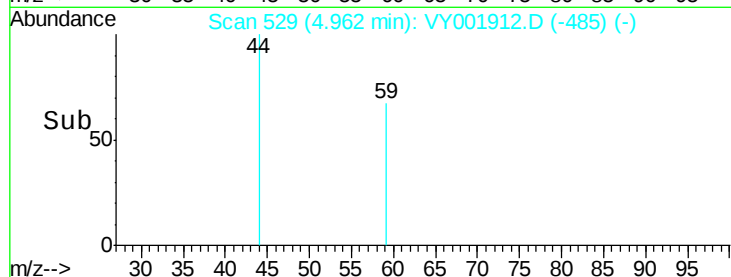
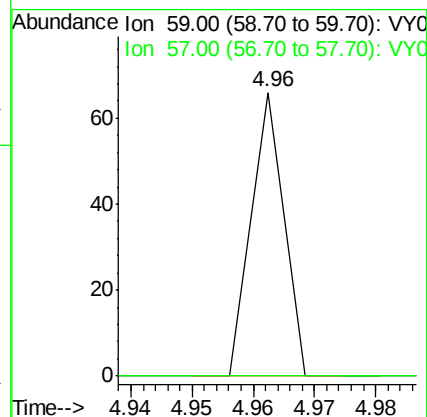
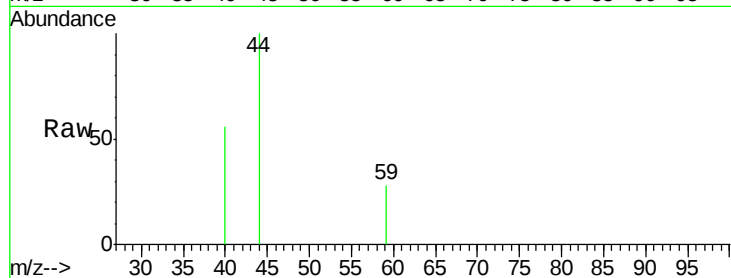


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-D2

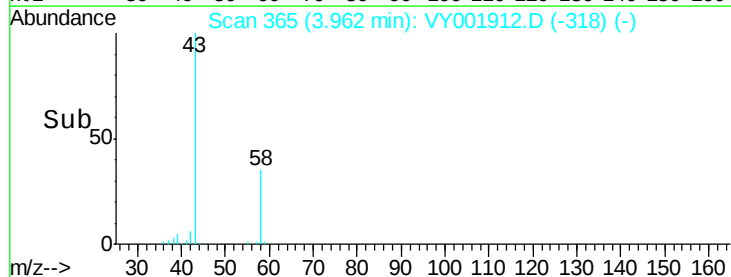
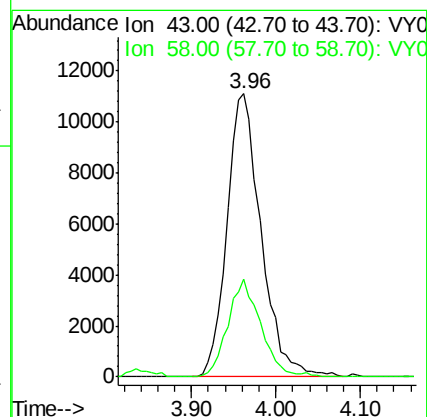
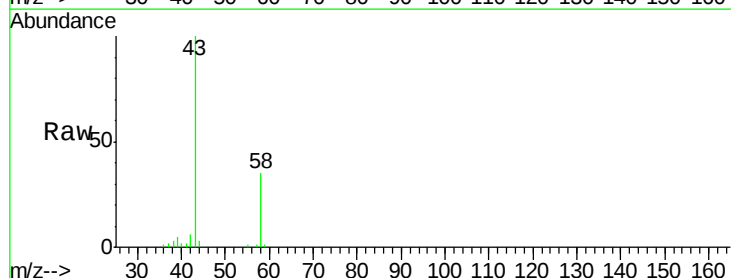
Tgt Ion: 59 Resp: 24
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

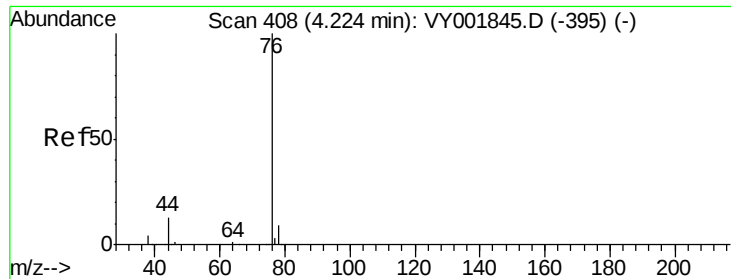


#16

Acetone
 Concen: 66.41 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Tgt Ion: 43 Resp: 30707
 Ion Ratio Lower Upper
 43 100
 58 34.7 25.9 38.9

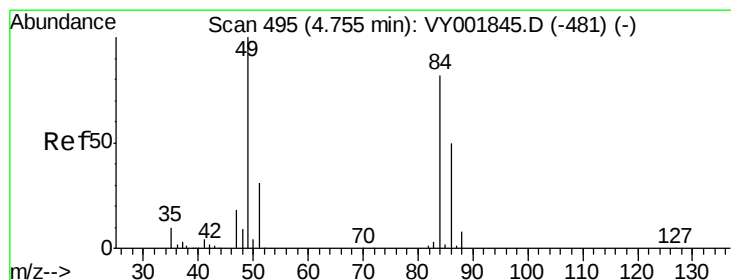
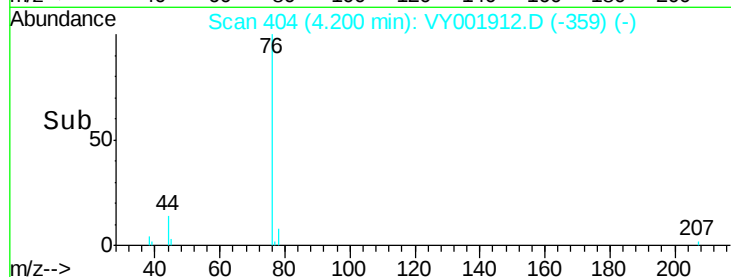
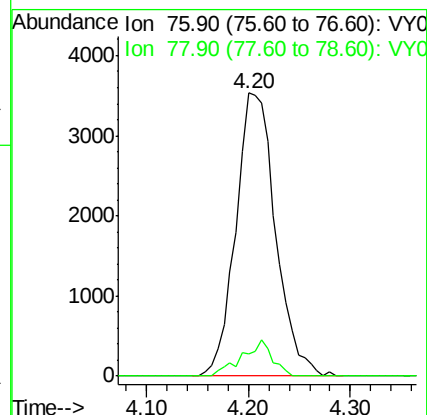
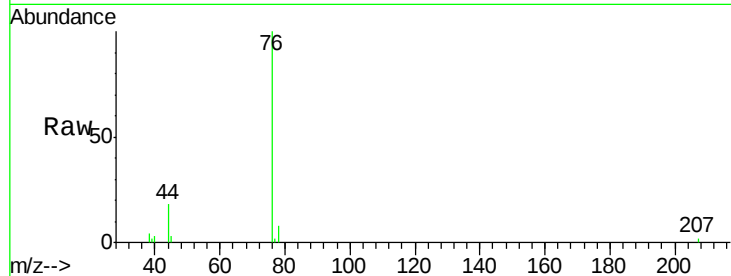




#17
Carbon Disulfide
Concen: 1.72 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

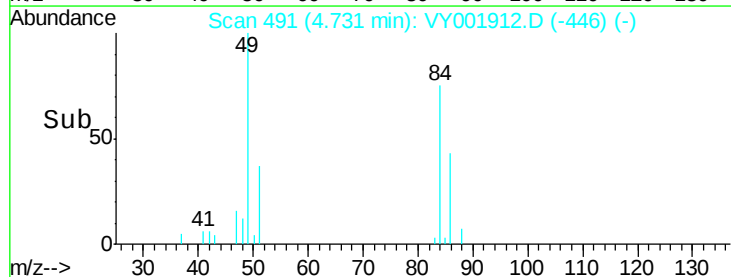
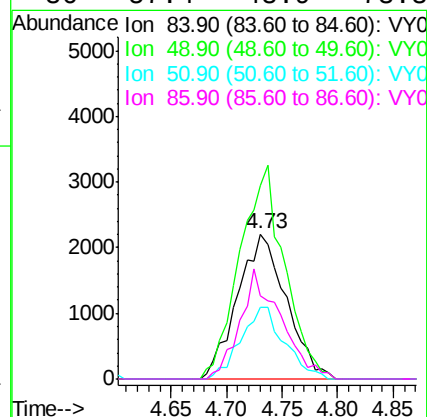
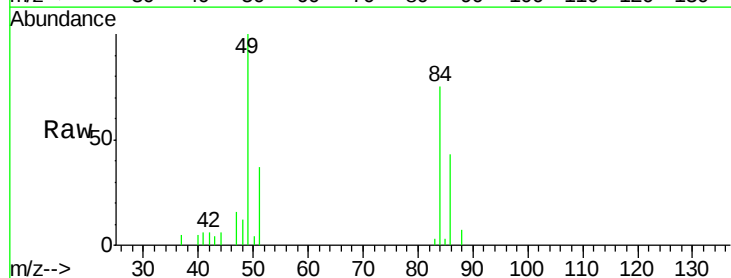
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-D2

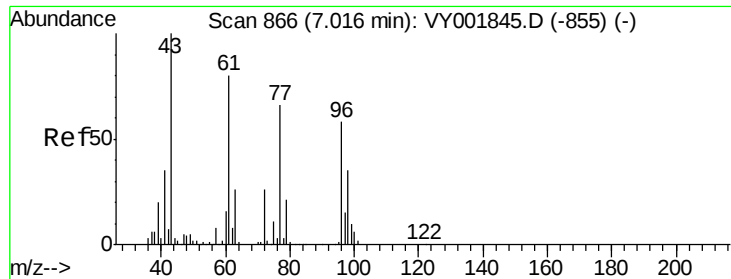
Tgt Ion: 76 Resp: 9549
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2



#20
Methylene Chloride
Concen: 3.38 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

Tgt Ion: 84 Resp: 6703
Ion Ratio Lower Upper
84 100
49 133.2 98.2 147.2
51 49.7 30.2 45.2#
86 57.4 48.9 73.3

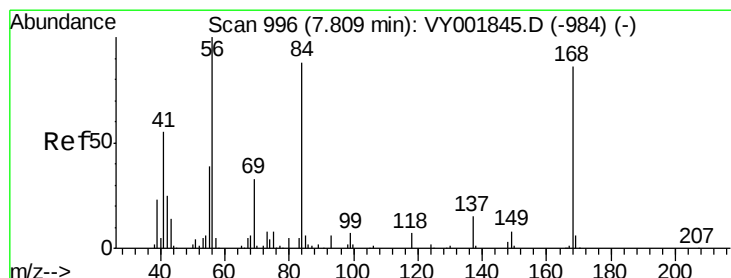
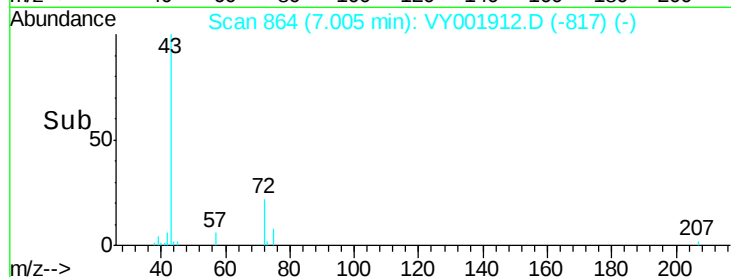
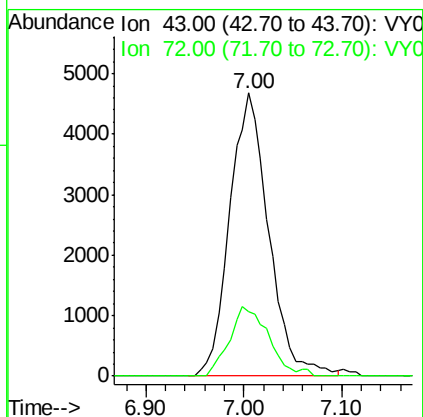
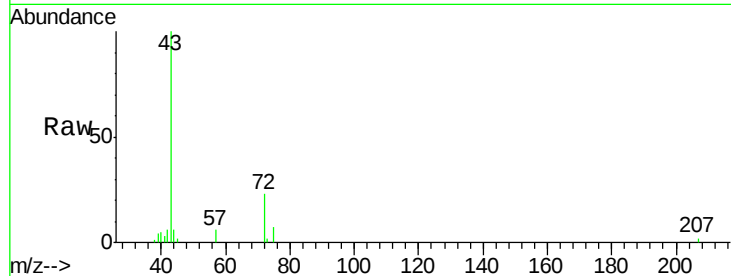




#25
2-Butanone
Concen: 18.44 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

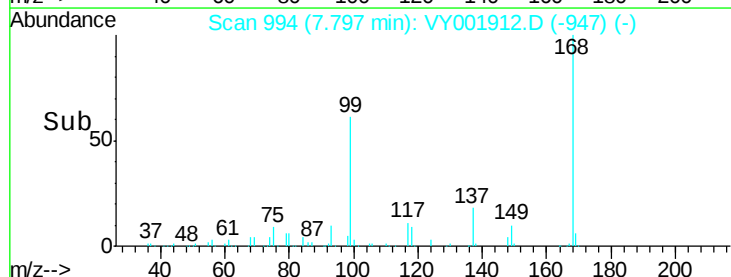
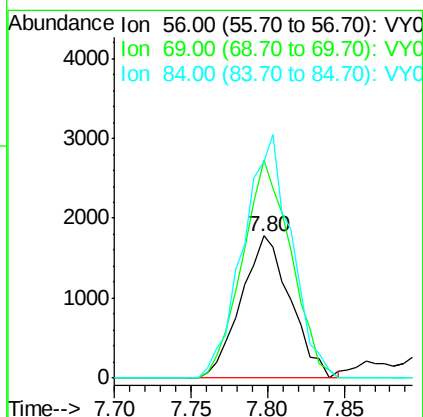
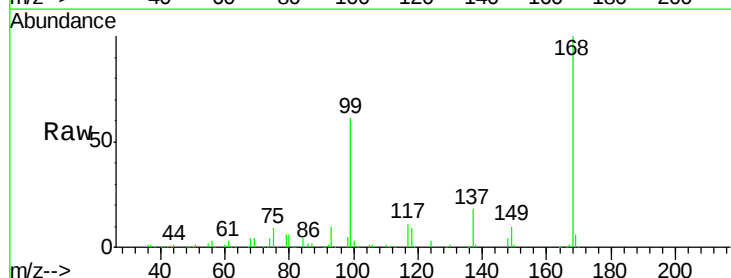
Instrument :
MSVOA_Y
ClientSampled :
TP-2-D2

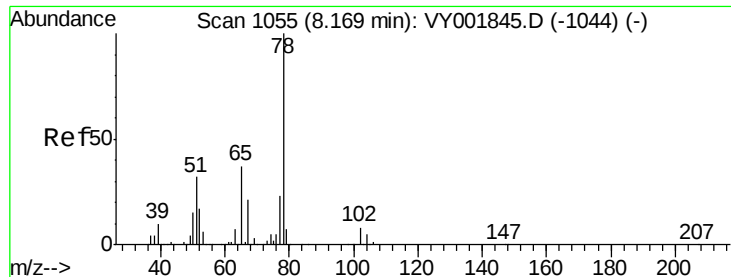
Tgt Ion: 43 Resp: 12967
Ion Ratio Lower Upper
43 100
72 22.7 20.9 31.3



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

Tgt Ion: 56 Resp: 3994
Ion Ratio Lower Upper
56 100
69 153.9 26.7 40.1#
84 152.8 70.4 105.6#

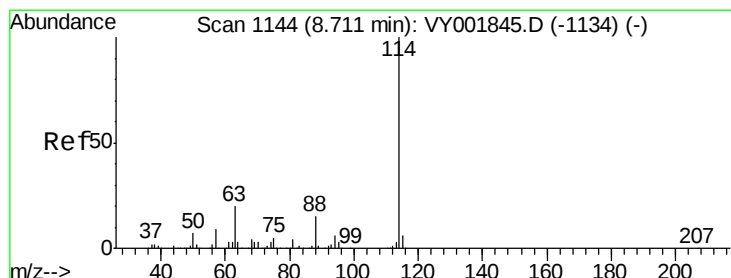
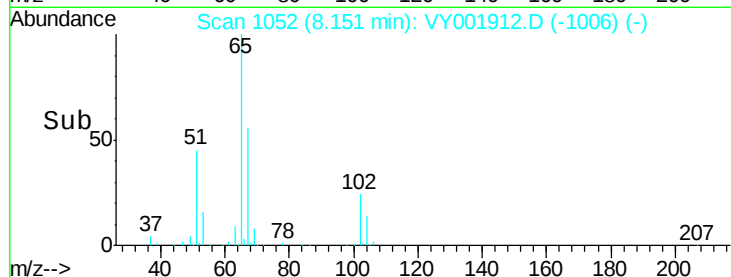
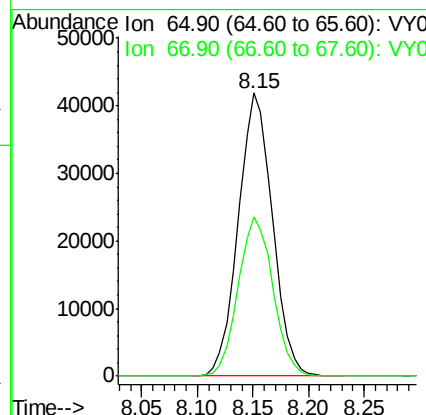
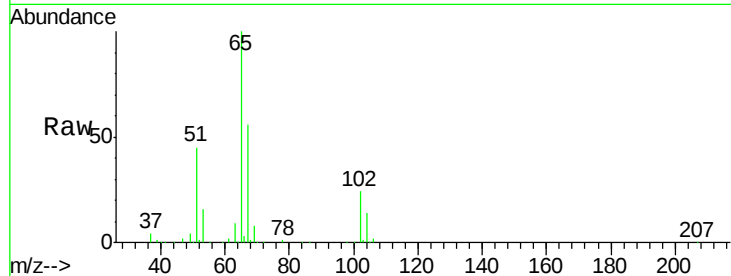




#33
 1,2-Dichloroethane-d4
 Concen: 56.15 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

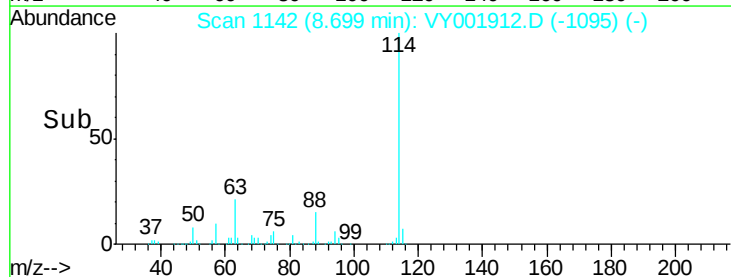
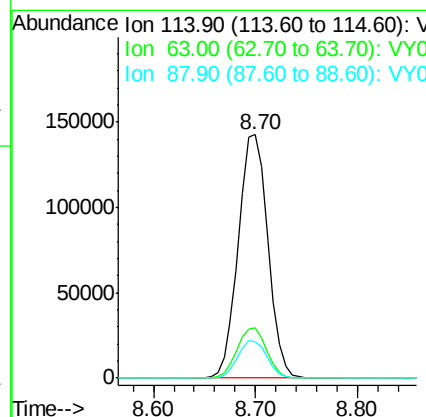
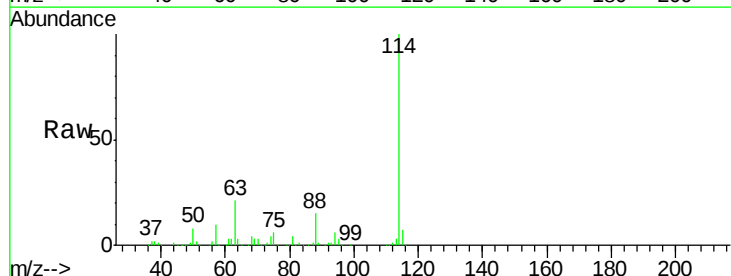
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-D2

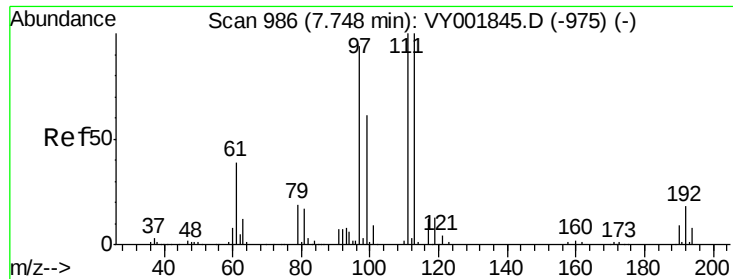
Tgt Ion: 65 Resp: 89127
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Tgt Ion: 114 Resp: 285978
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 15.1 0.0 30.4

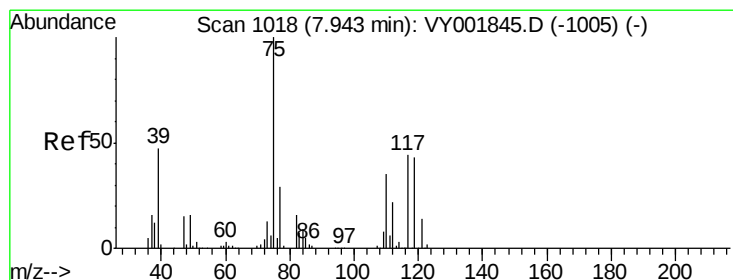
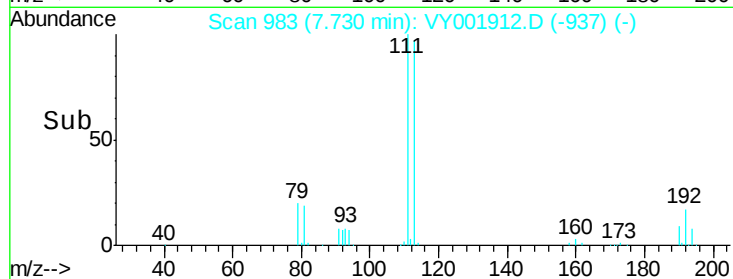
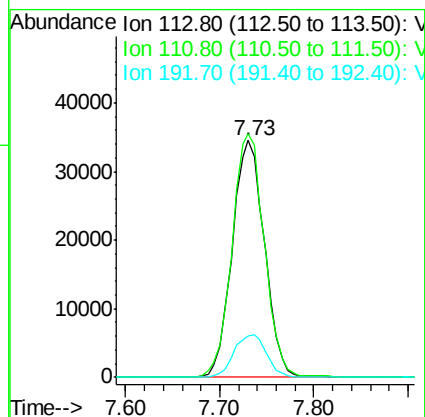
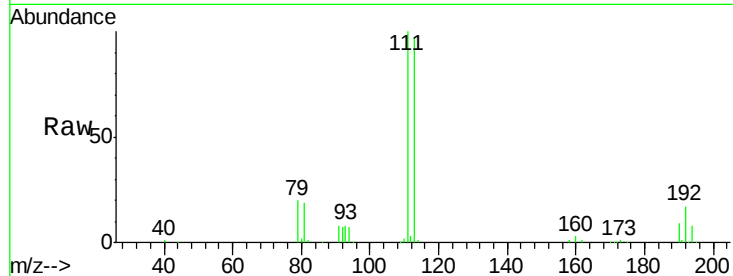




#35
 Dibromofluoromethane
 Concen: 52.68 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

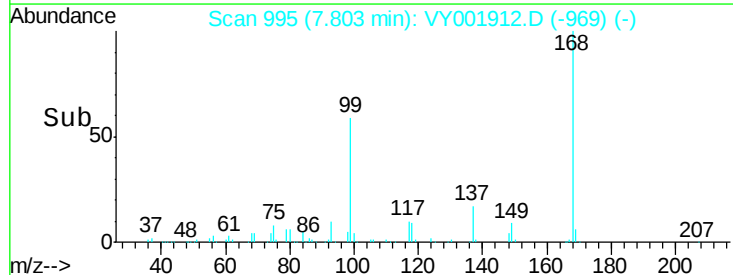
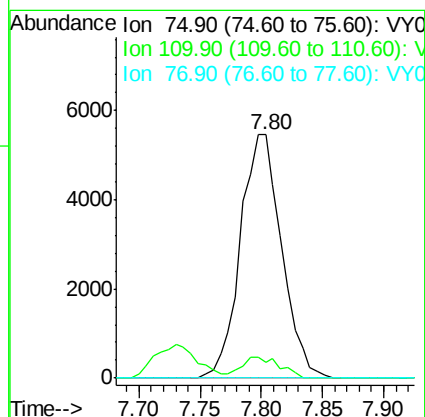
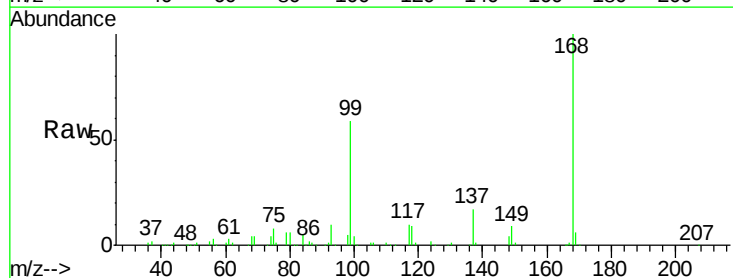
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 ClientSampleId :
 TP-2-D2

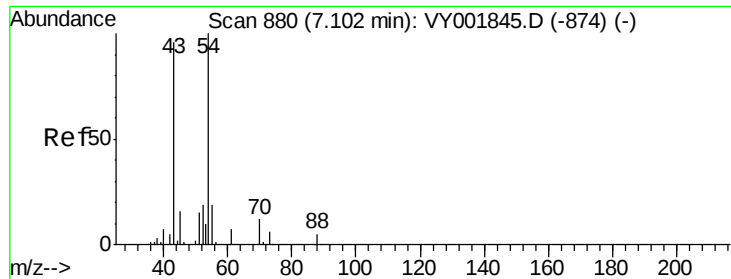
Tgt Ion:113 Resp: 82260
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 18.1 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Tgt Ion: 75 Resp: 12747
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.4 52.2#
 77 0.0 24.2 36.2#

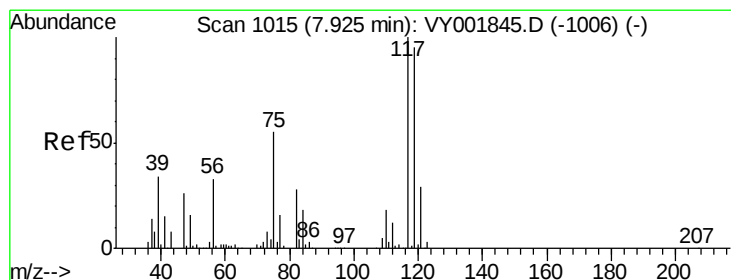
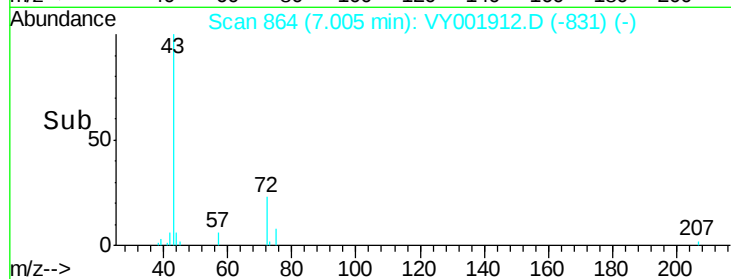
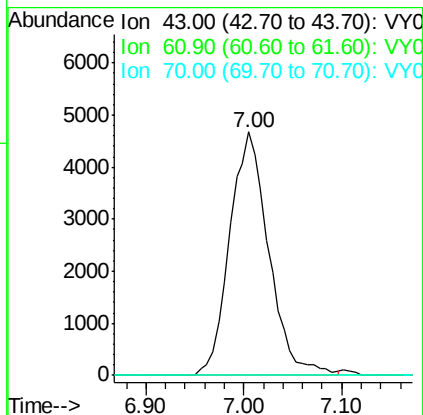
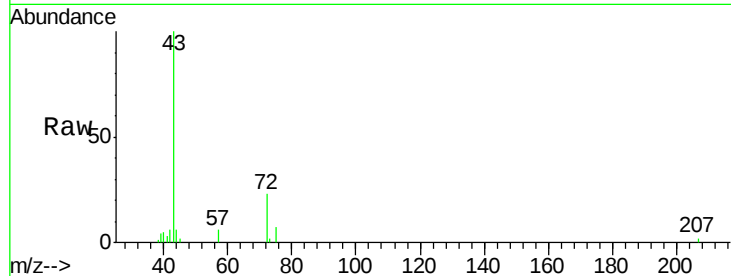




#37
Ethyl Acetate
Concen: 8.11 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.10 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

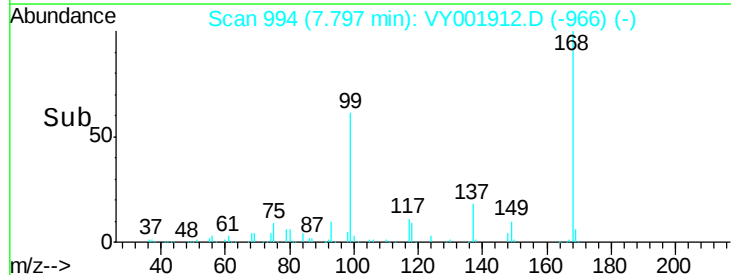
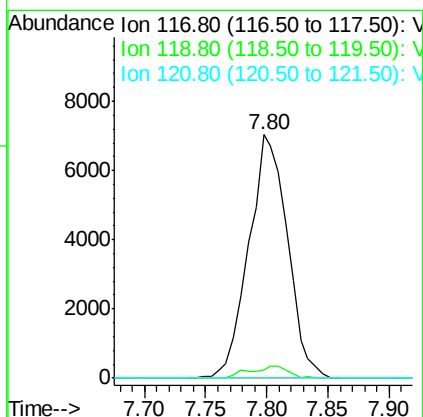
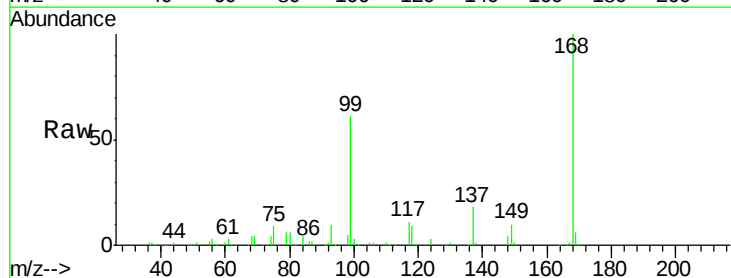
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-D2

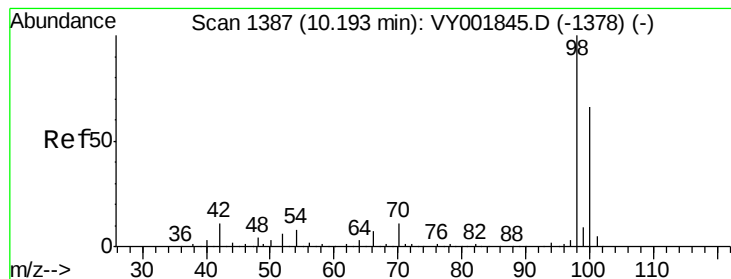
Tgt Ion: 43 Resp: 12967
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

Tgt Ion: 117 Resp: 15503
Ion Ratio Lower Upper
117 100
119 3.2 76.3 114.5#
121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.17 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001912.D

Acq: 09 Mar 2020 16:47

Instrument :

MSVOA_Y

ClientSampleId :

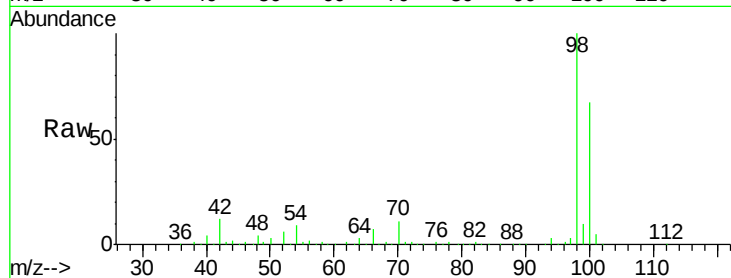
TP-2-D2

Tgt Ion: 98 Resp: 343532

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.18

200000

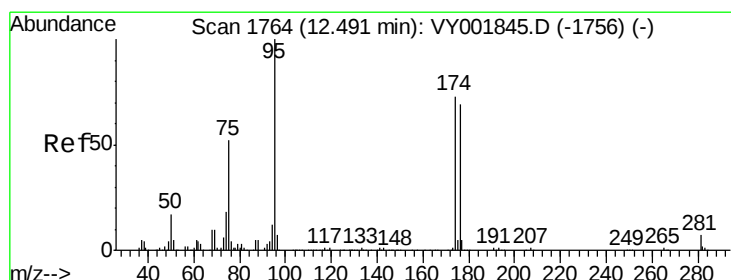
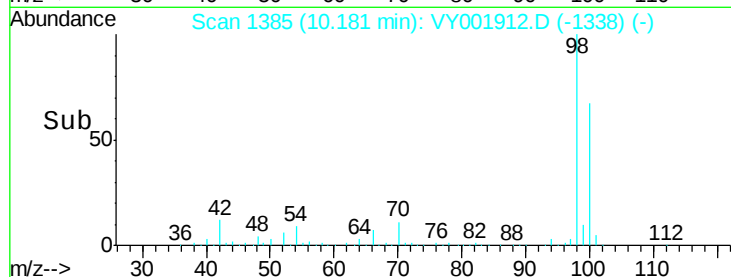
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.59 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001912.D

Acq: 09 Mar 2020 16:47

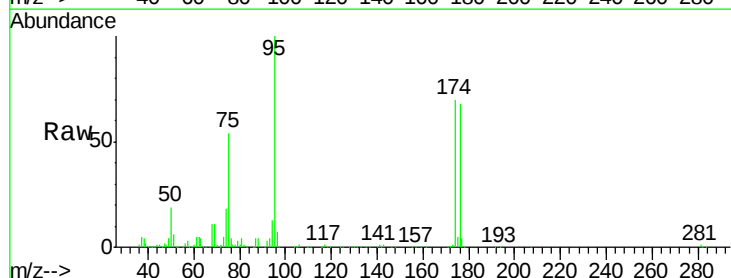
Tgt Ion: 95 Resp: 106671

Ion Ratio Lower Upper

95 100

174 71.3 0.0 145.0

176 70.0 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.48

80000

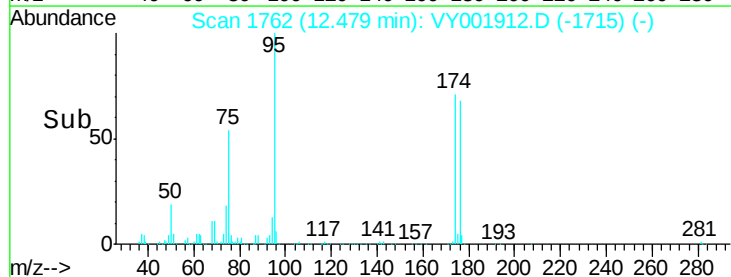
60000

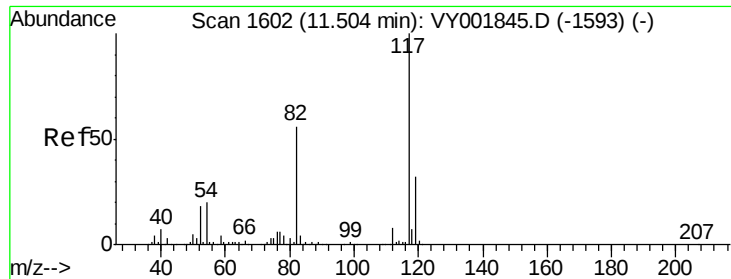
40000

20000

0

Time-->

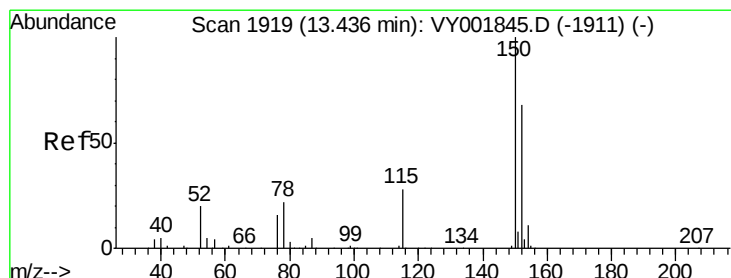
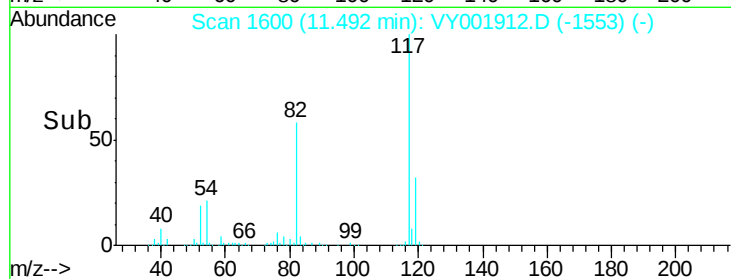
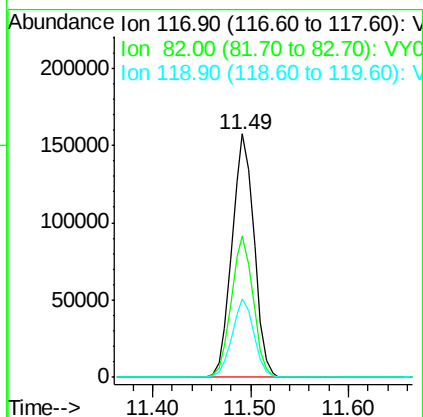
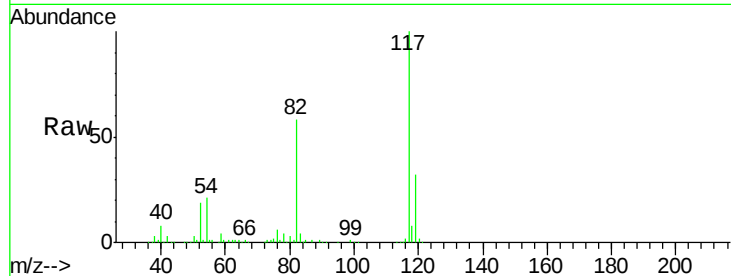




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

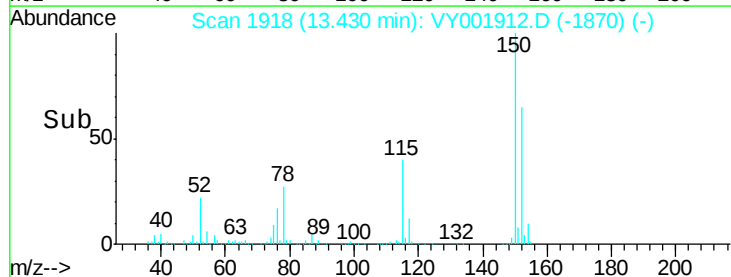
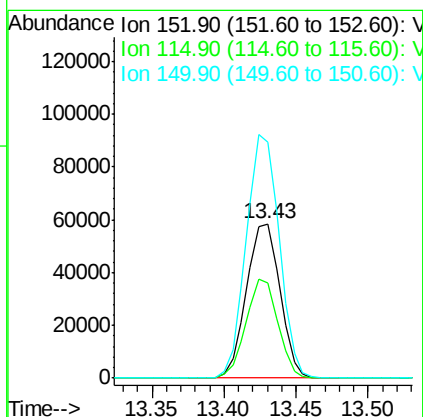
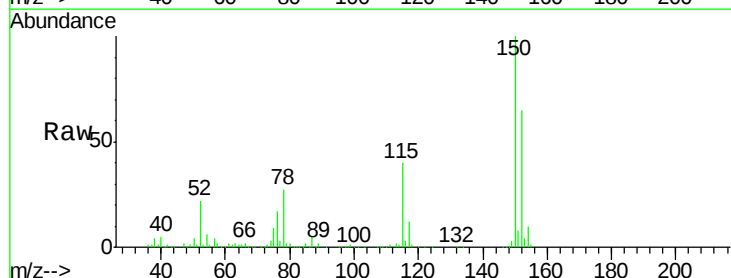
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-D2

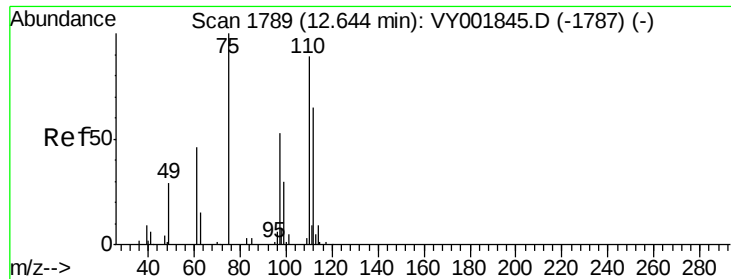
Tgt Ion:117 Resp: 246693
Ion Ratio Lower Upper
117 100
82 57.8 44.5 66.7
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001912.D
Acq: 09 Mar 2020 16:47

Tgt Ion:152 Resp: 94150
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 155.3 0.0 340.6

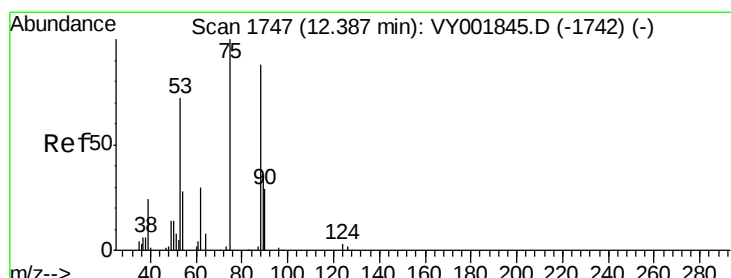
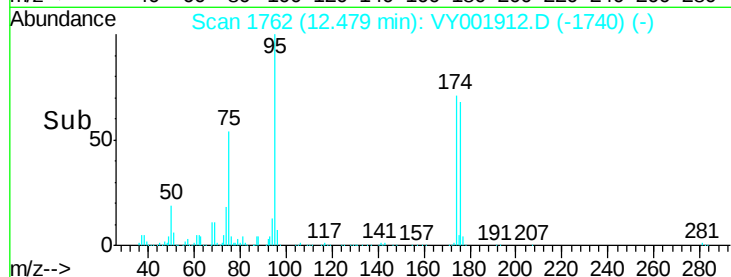
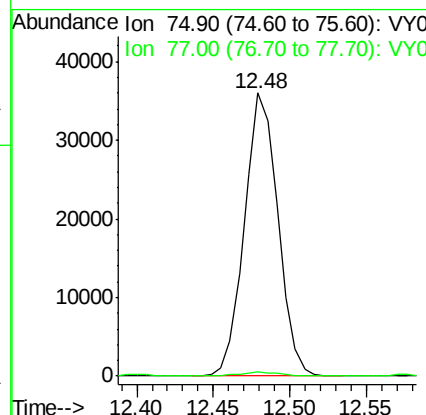
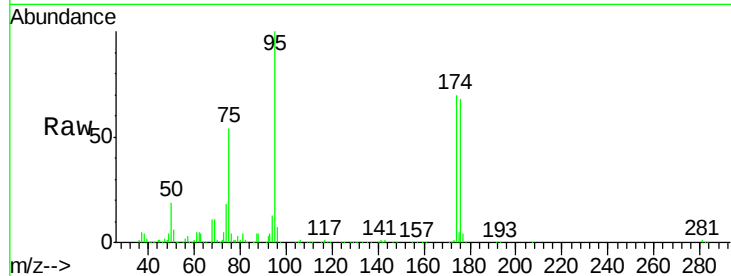




#76
 1,2,3-Trichloropropane
 Concen: 49.00 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-D2

Tgt Ion: 75 Resp: 54736
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.97 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY001912.D
 Acq: 09 Mar 2020 16:47

Tgt Ion: 75 Resp: 54736
 Ion Ratio Lower Upper
 75 100
 53 0.2 65.4 98.0#
 89 0.0 36.0 54.0#

