

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001926.D
 Acq On : 10 Mar 2020 16:49
 Operator : SY/MD
 Sample : L1871-01
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 03:59:39 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	143533	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	271824	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	242583	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	97441	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	88705	57.89	ug/l	-0.01
Spiked Amount			Recovery	=	115.78%	
35) Dibromofluoromethane	7.74	113	80124	53.98	ug/l	-0.01
Spiked Amount			Recovery	=	107.96%	
50) Toluene-d8	10.18	98	328893	52.55	ug/l	-0.01
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.48	95	105168	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	

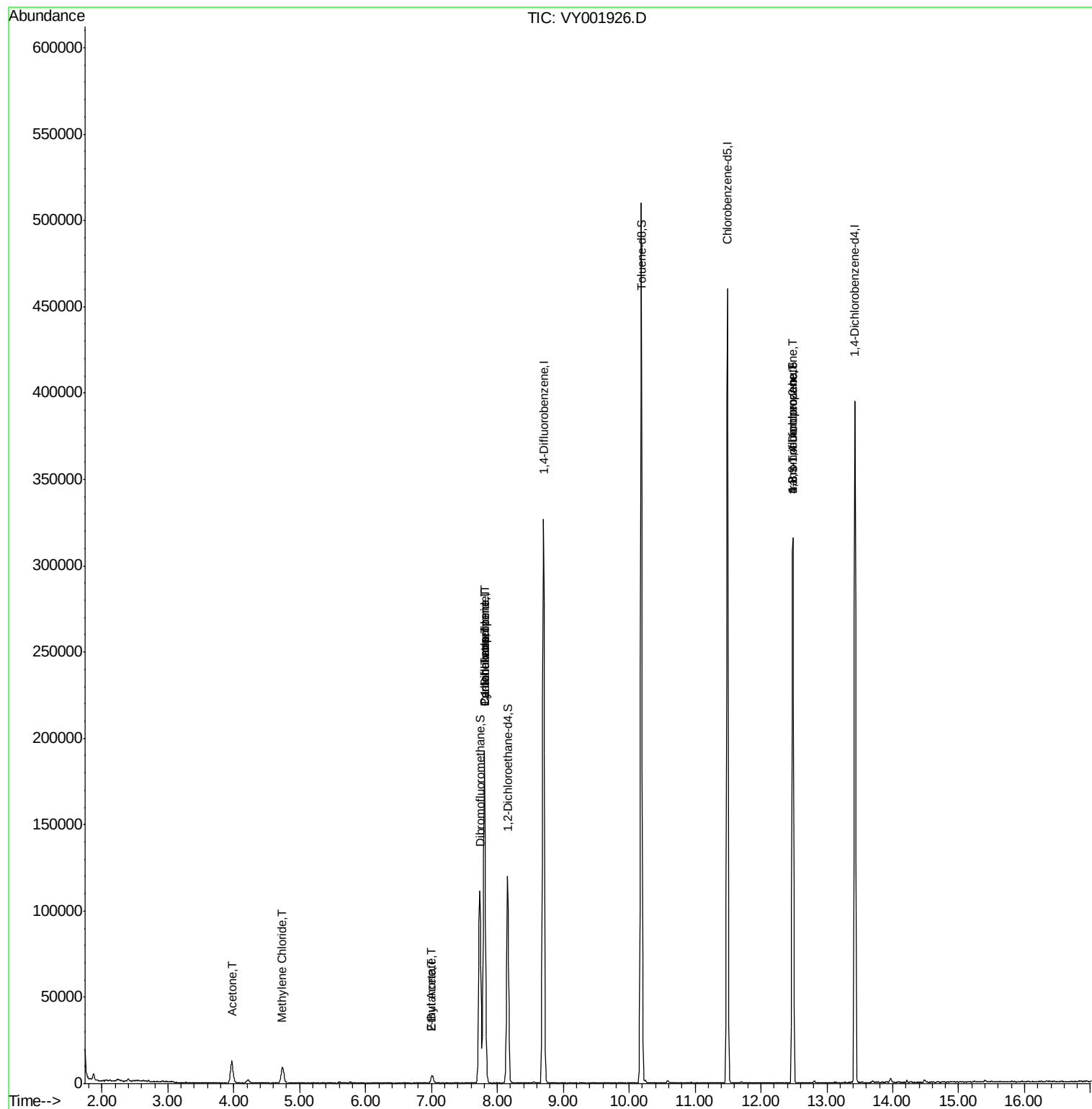
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	47	Below Cal	#	74
16) Acetone	3.97	43	22488	50.388	ug/l	95
20) Methylene Chloride	4.74	84	6757	3.533	ug/l	96
25) 2-Butanone	7.01	43	7676	11.310	ug/l	91
31) Cyclohexane	7.80	56	3478	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12621	4.825	ug/l #	49
37) Ethyl Acetate	7.01	43	7676	5.049	ug/l #	69
38) Carbon Tetrachloride	7.80	117	14737	6.595	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	53440	46.220	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	53440	93.363	ug/l #	17

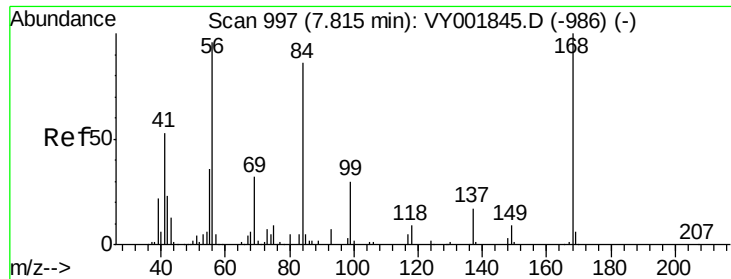
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
Data File : VY001926.D
Acq On : 10 Mar 2020 16:49
Operator : SY/MD
Sample : L1871-01
Misc : 5.81G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 11 03:59:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

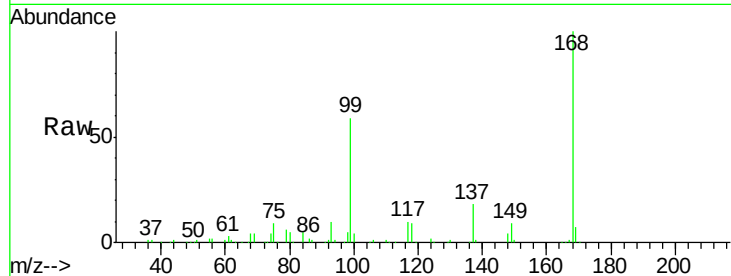
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 143533

Ion Ratio Lower Upper

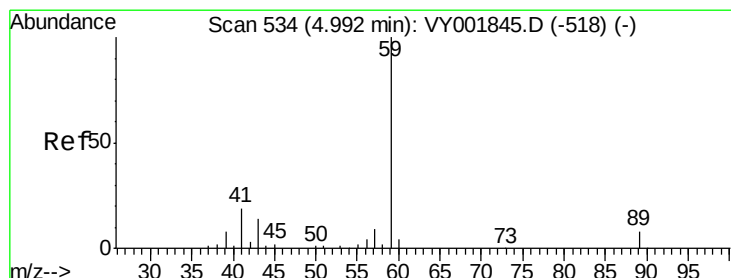
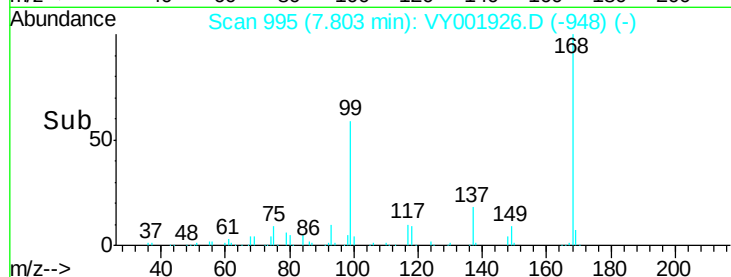
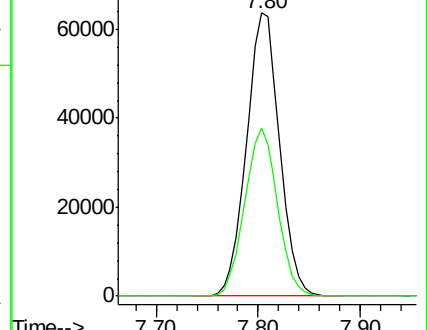
168 100

99 59.5 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) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY001926.D

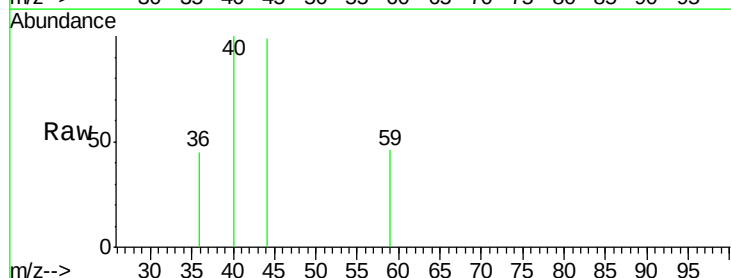
Acq: 10 Mar 2020 16:49

Tgt Ion: 59 Resp: 47

Ion Ratio Lower Upper

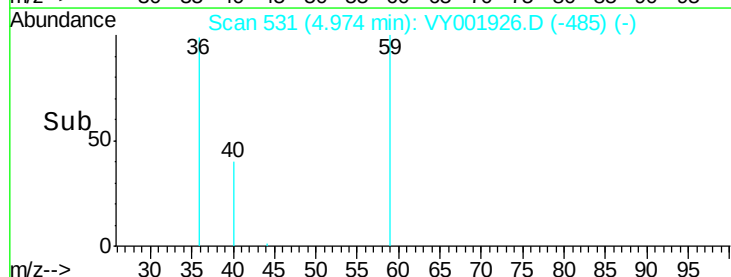
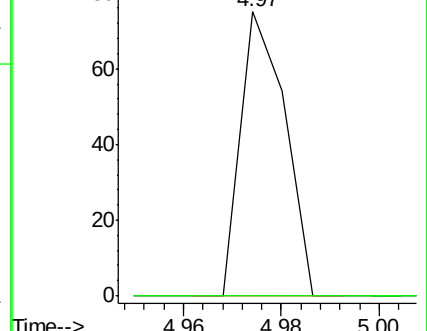
59 100

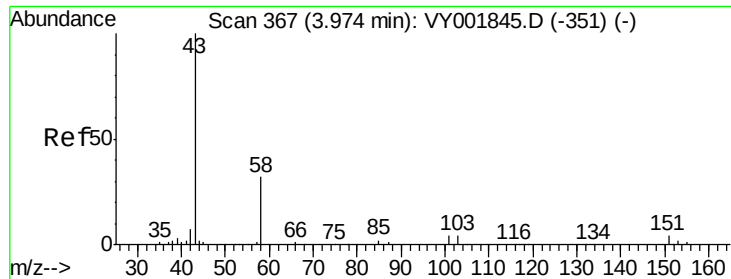
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VY001845.D (-518) (-)





#16

Acetone

Concen: 50.388 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

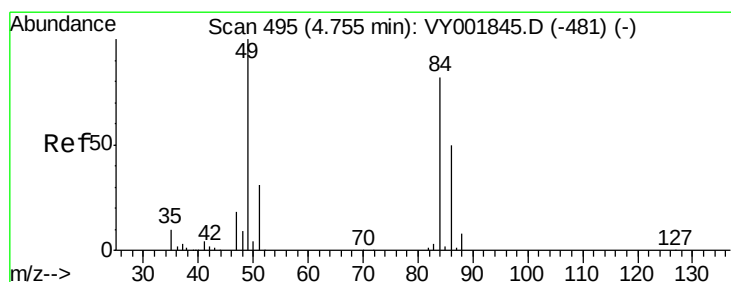
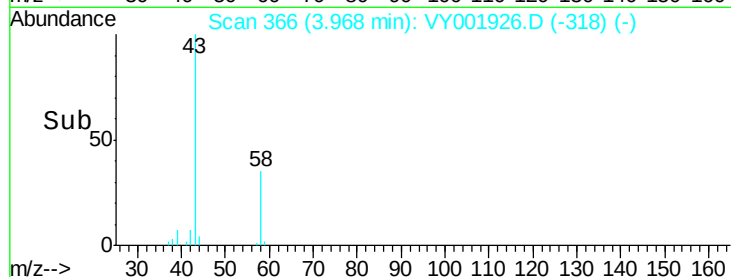
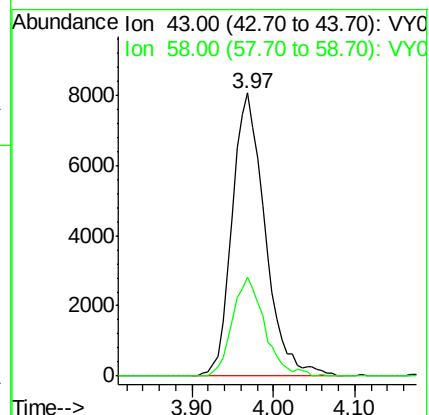
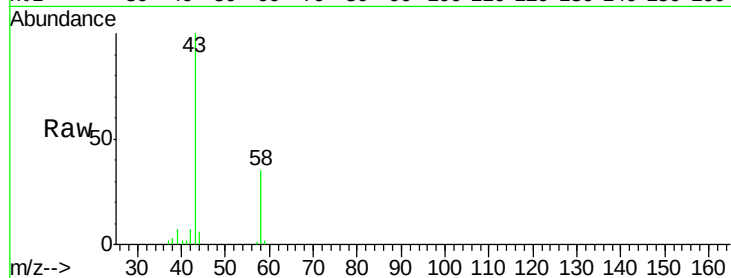
ClientSampleId :

Tot Ion: 43 Resp: 22488

Ion Ratio Lower Upper

43 100

58 35.1 25.9 38.9



#20

Methylene Chloride

Concen: 3.533 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.02 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Tgt Ion: 84 Resp: 6757

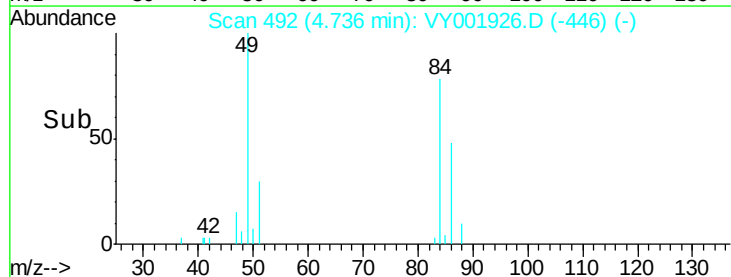
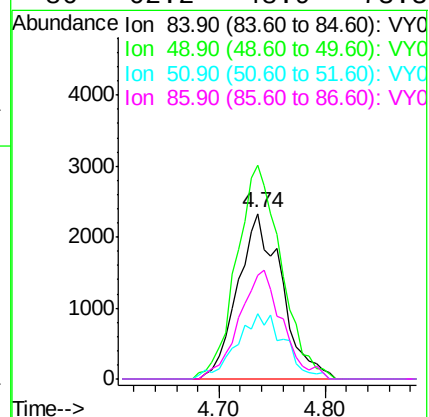
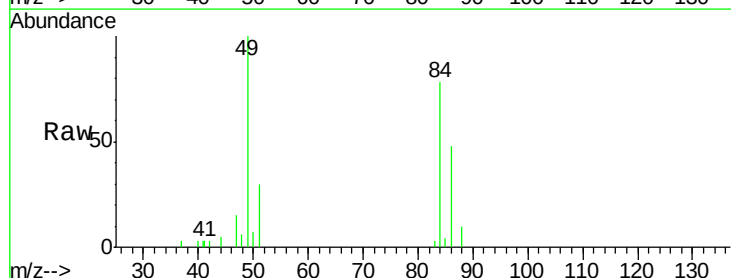
Ion Ratio Lower Upper

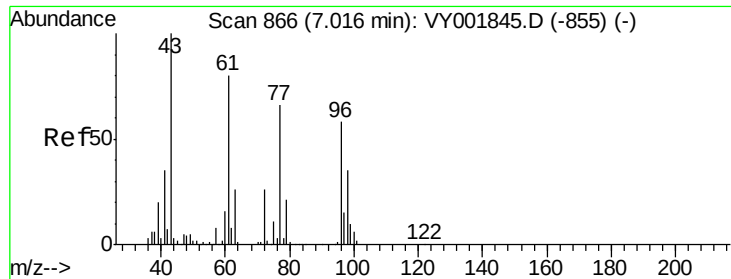
84 100

49 128.9 98.2 147.2

51 39.2 30.2 45.2

86 62.2 48.9 73.3





#25

2-Butanone

Concen: 11.310 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

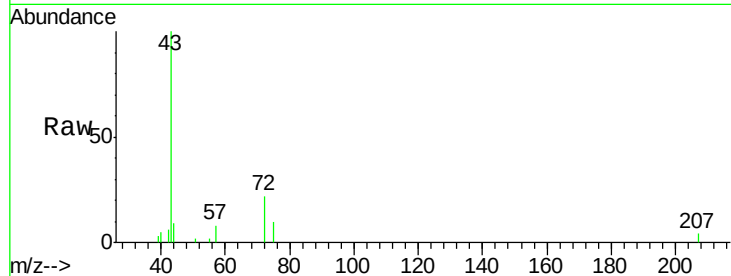
ClientSampleId :

Tot Ion: 43 Resp: 7676

Ion Ratio Lower Upper

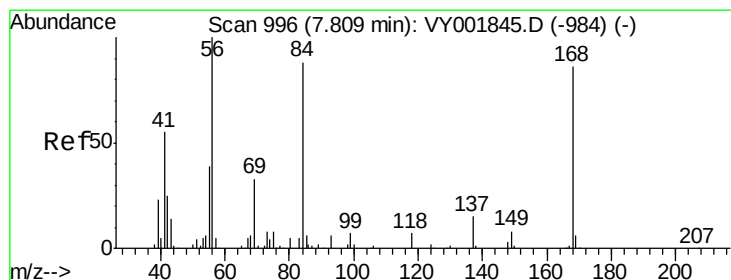
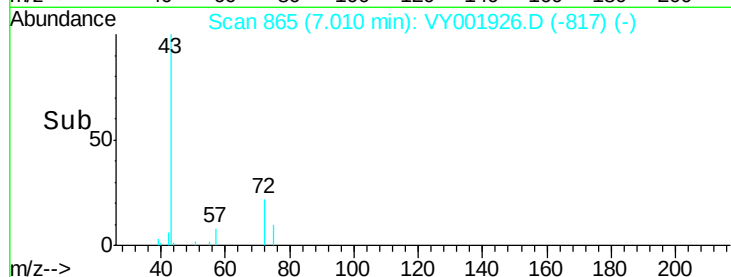
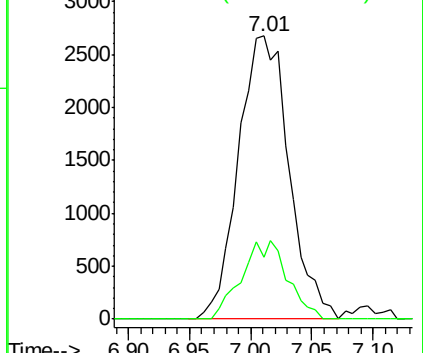
43 100

72 21.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

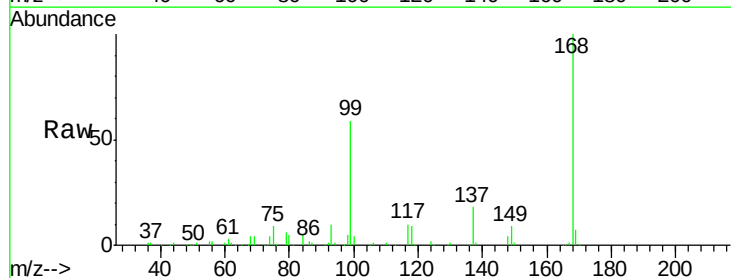
Tgt Ion: 56 Resp: 3478

Ion Ratio Lower Upper

56 100

69 163.0 26.7 40.1#

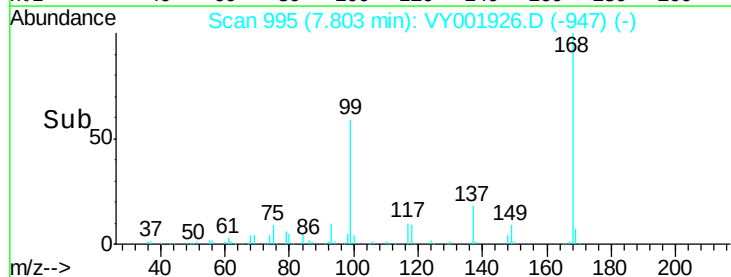
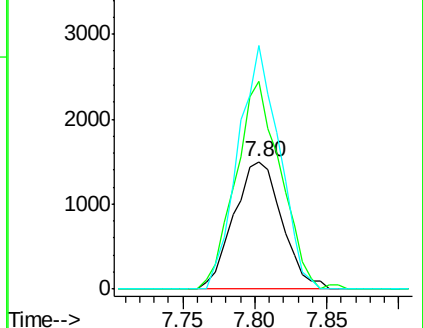
84 191.3 70.4 105.6#

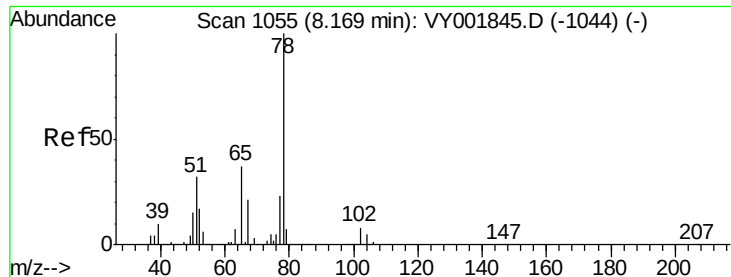


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

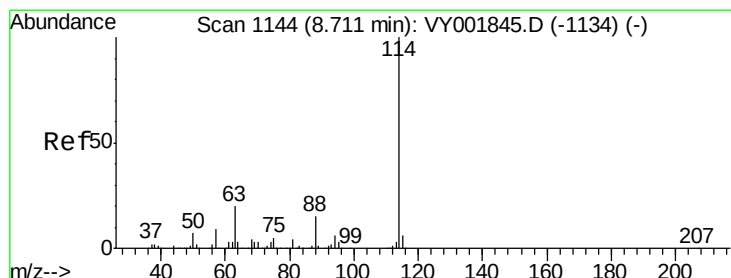
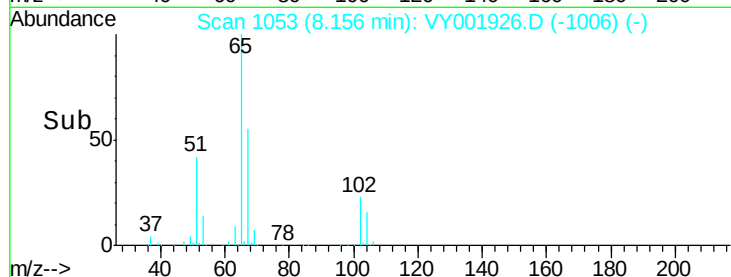
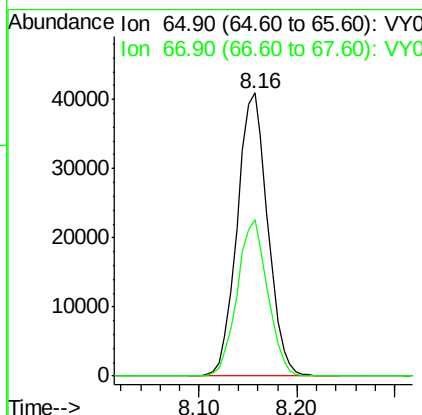
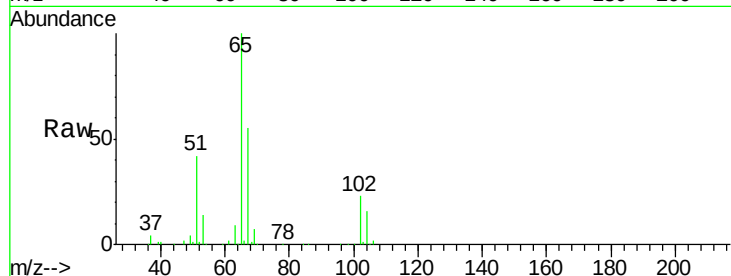




#33
 1,2-Dichloroethane-d4
 Concen: 57.890 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001926.D
 Acq: 10 Mar 2020 16:49

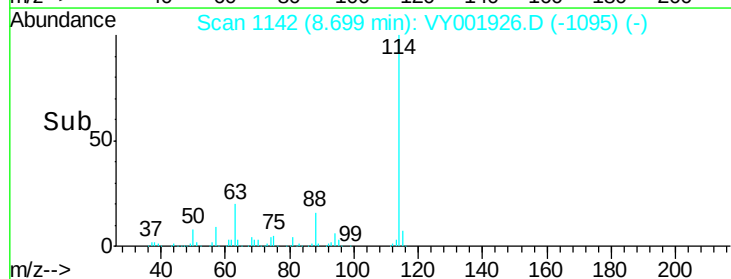
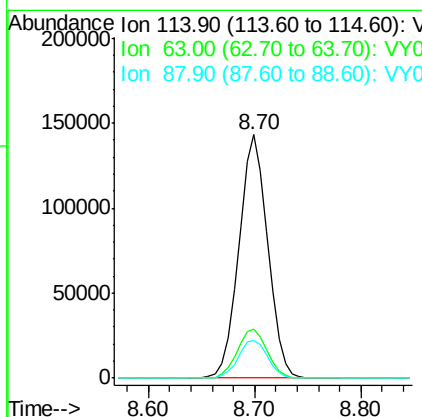
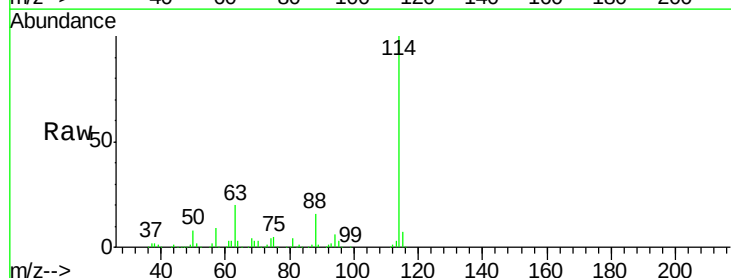
Instrument :
 MSVOA_Y
 ClientSampleId :

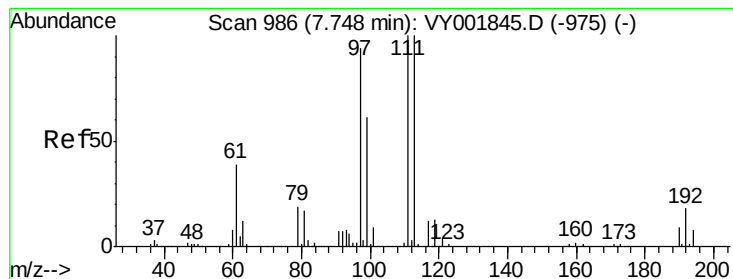
Tot Ion: 65 Resp: 88705
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001926.D
 Acq: 10 Mar 2020 16:49

Tgt Ion: 114 Resp: 271824
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.982 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

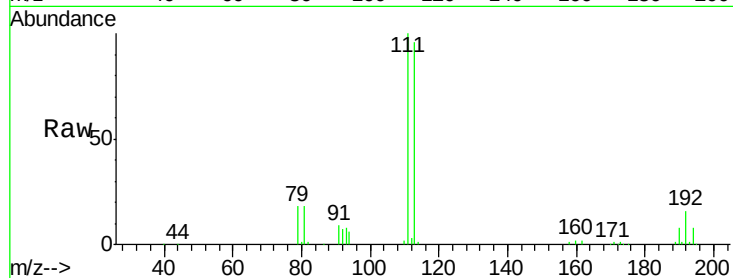
Tot Ion:113 Resp: 80124

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

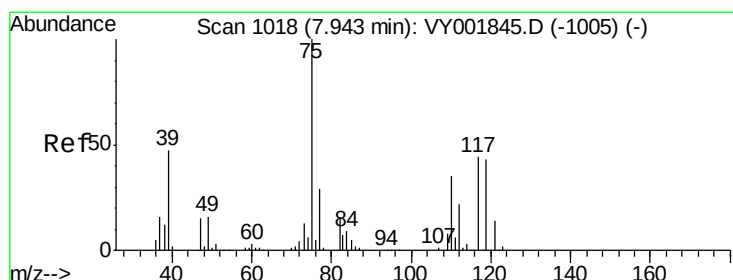
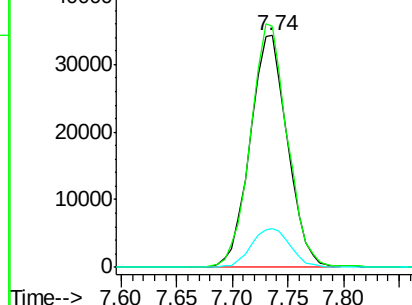
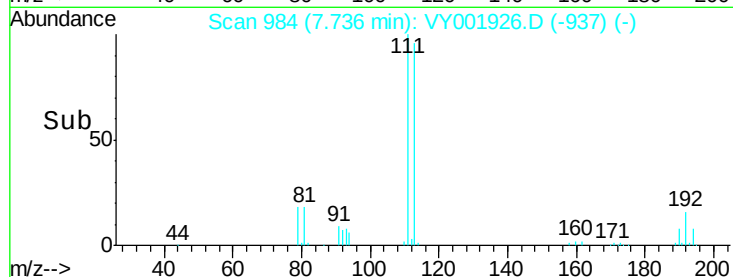
192 17.6 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

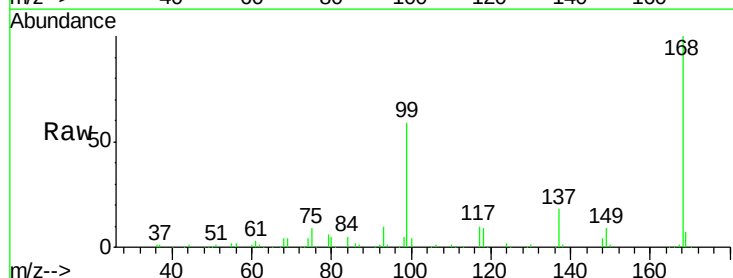
Tgt Ion: 75 Resp: 12621

Ion Ratio Lower Upper

75 100

110 7.9 17.4 52.2#

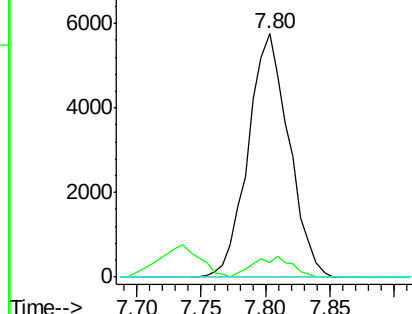
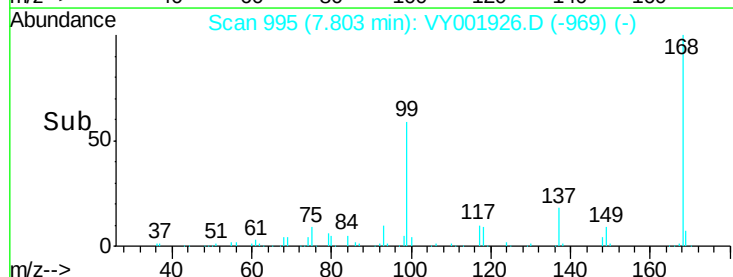
77 0.0 24.2 36.2#

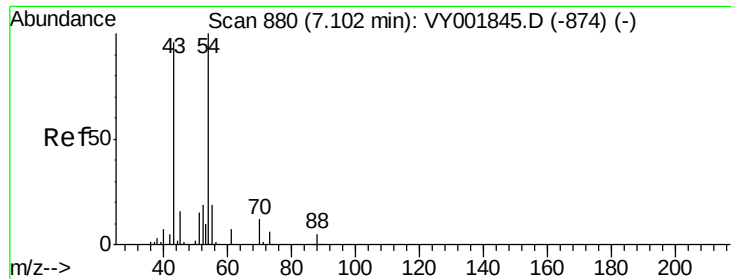


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

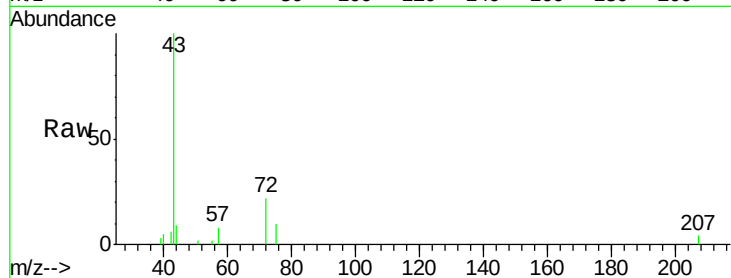




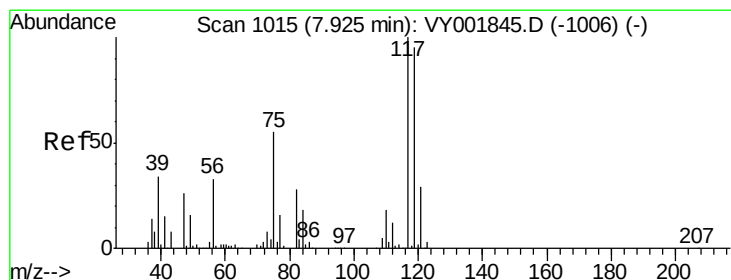
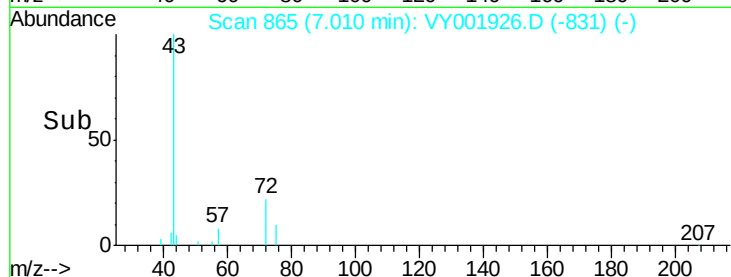
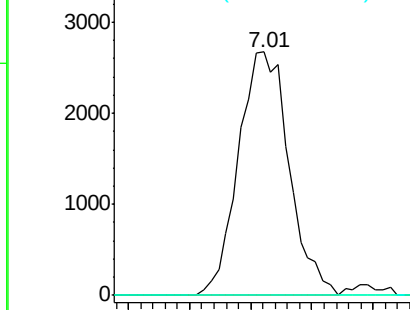
#37
Ethyl Acetate
Concen: 5.049 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.09 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 7676
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.2 12.4#

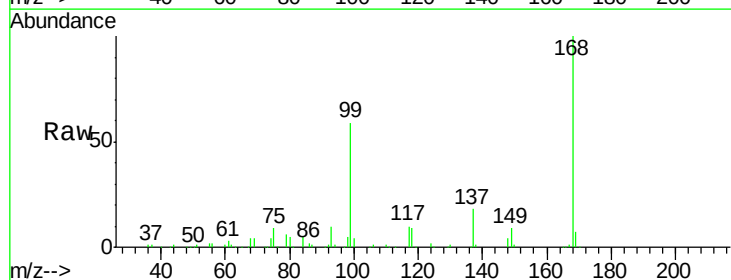


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

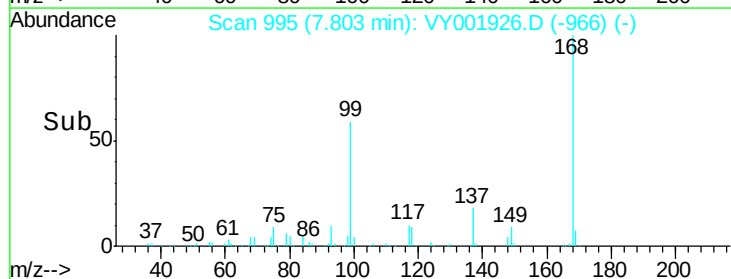
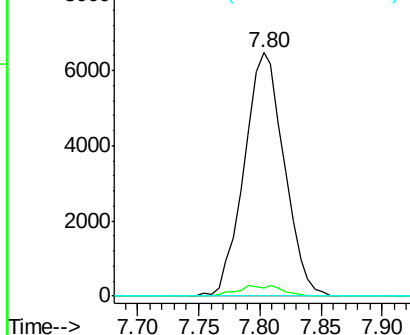


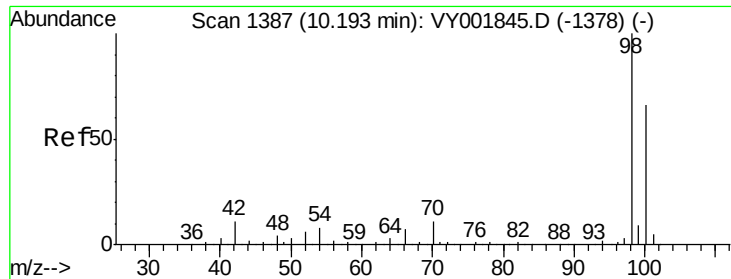
#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Tgt Ion: 117 Resp: 14737
Ion Ratio Lower Upper
117 100
119 3.6 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: 52.548 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

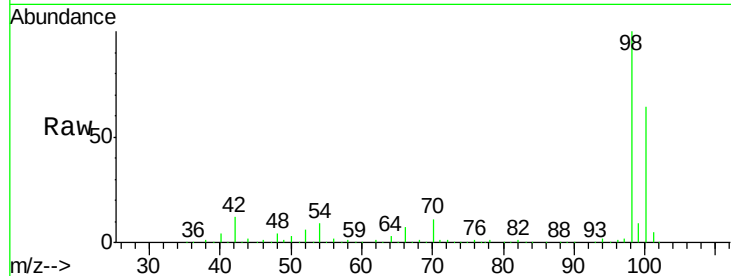
ClientSampleId :

Tot Ion: 98 Resp: 328893

Ion Ratio Lower Upper

98 100

100 65.6 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

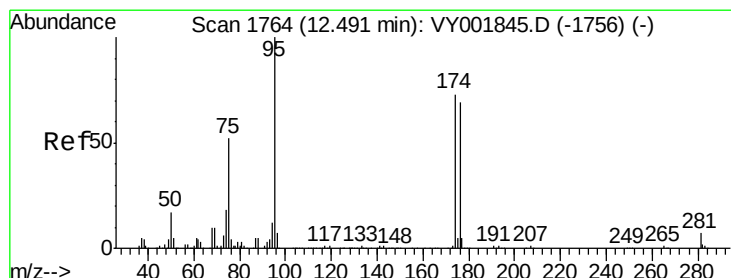
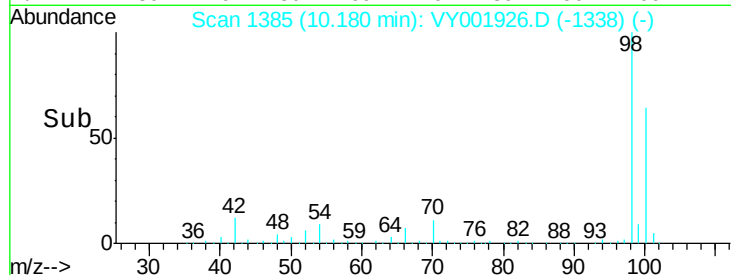
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

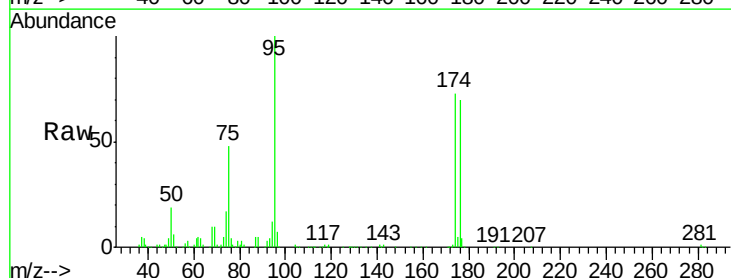
Tgt Ion: 95 Resp: 105168

Ion Ratio Lower Upper

95 100

174 72.9 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

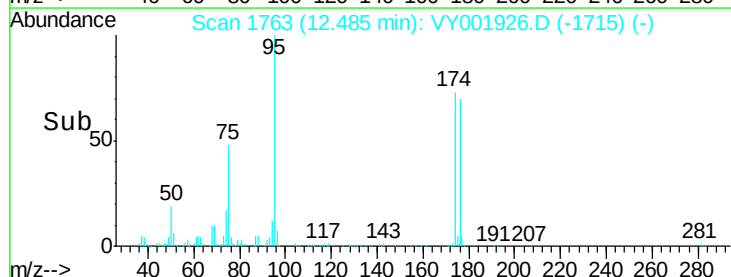
60000

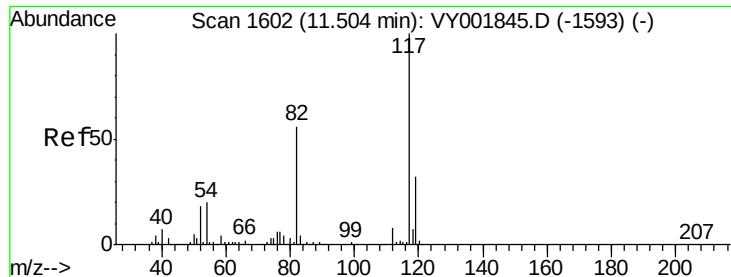
40000

20000

0

Time-->

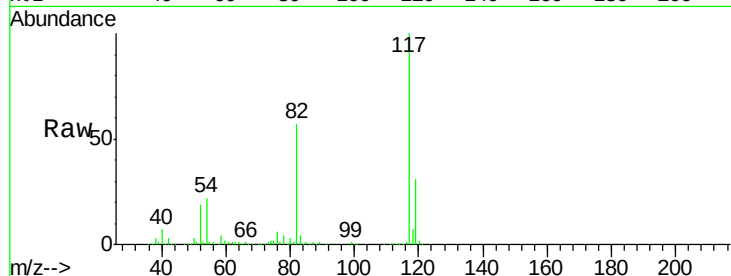




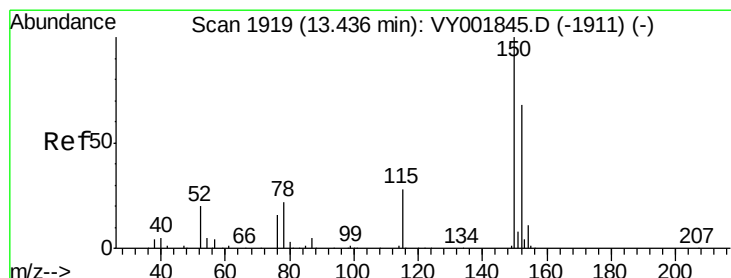
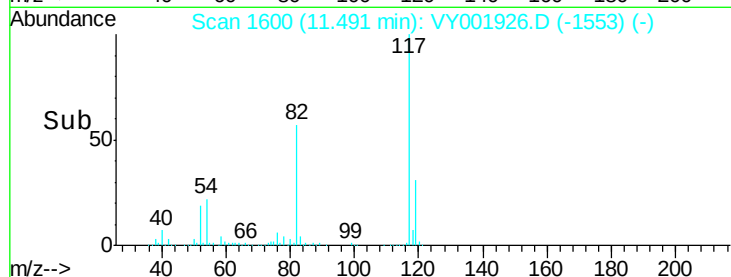
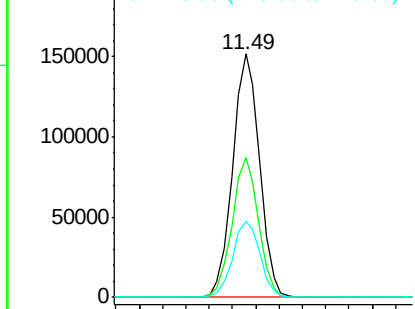
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 242583
Ion Ratio Lower Upper
117 100
82 57.2 44.5 66.7
119 31.4 25.7 38.5

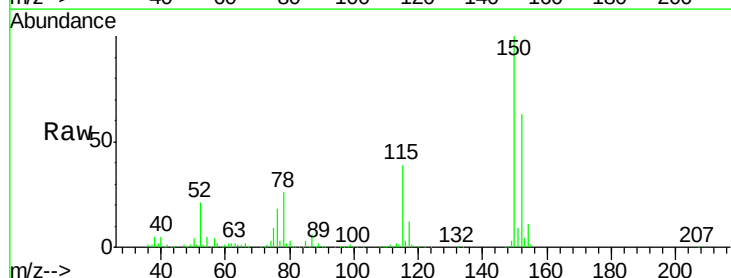


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

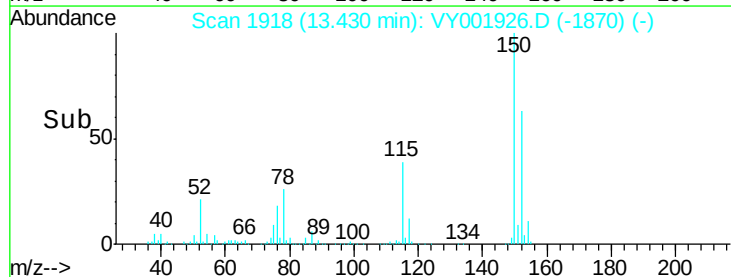
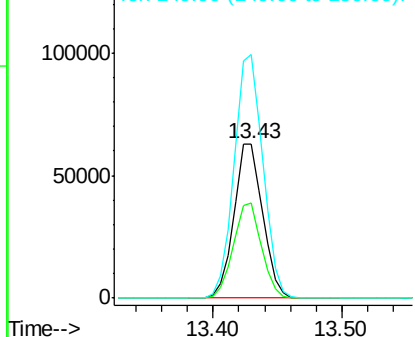


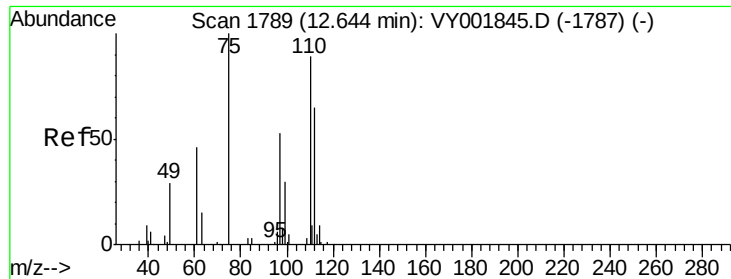
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001926.D
Acq: 10 Mar 2020 16:49

Tgt Ion:152 Resp: 97441
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 158.4 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 46.220 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Instrument :

MSVOA_Y

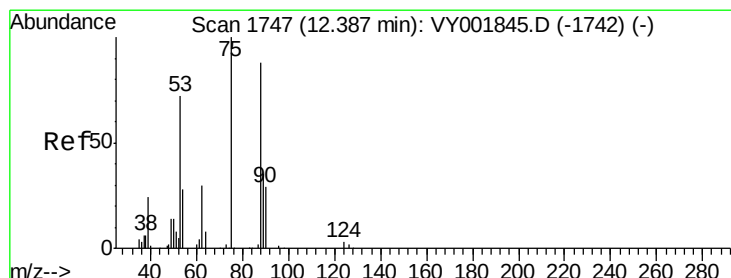
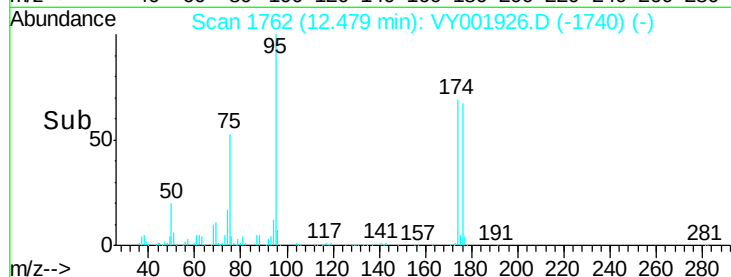
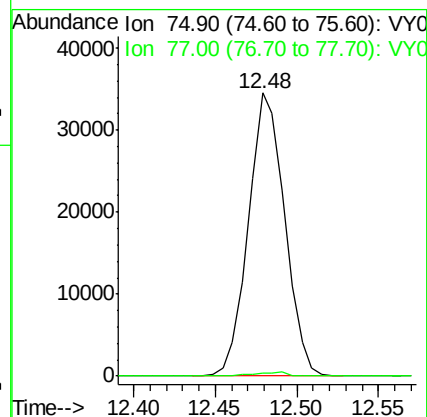
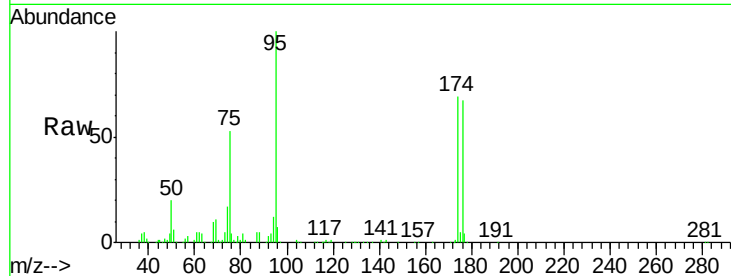
ClientSampleId :

Tot Ion: 75 Resp: 53440

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.363 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001926.D

Acq: 10 Mar 2020 16:49

Tgt Ion: 75 Resp: 53440

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.2 36.0 54.0#

