

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002178.D
 Acq On : 01 Apr 2020 20:54
 Operator : SY/MD
 Sample : L2132-05
 Misc : 3.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	103670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	198582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	149938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	35877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	59512	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.75	113	58549	52.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.19	98	225356	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.49	95	54475	33.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.40%	

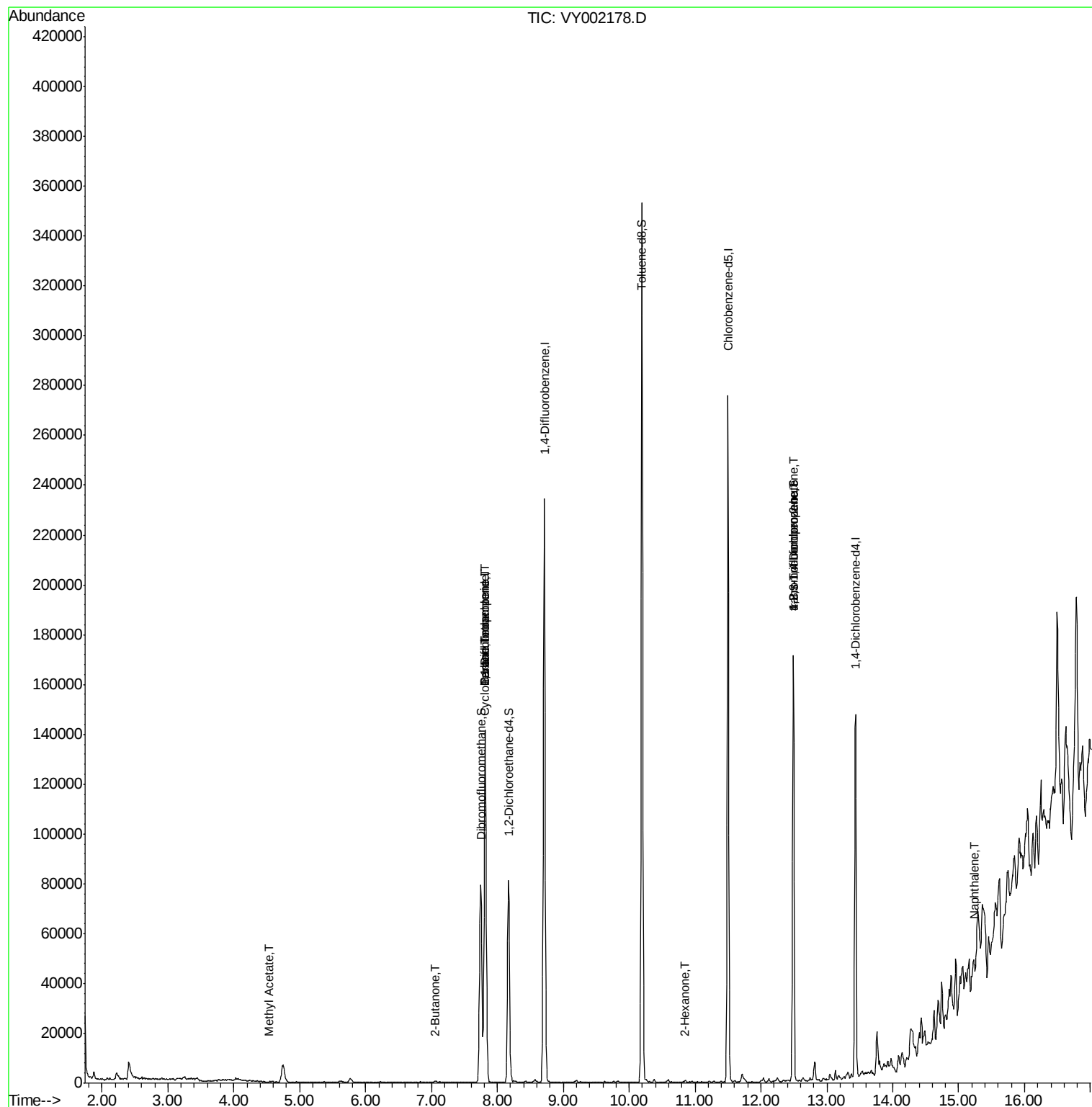
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	70	Below Cal	#	43
18) Methyl Acetate	4.54	43	895	1.070	ug/l #	53
20) Methylene Chloride	4.74	84	5257	Below Cal		89
25) 2-Butanone	7.05	43	575	1.163	ug/l #	50
31) Cyclohexane	7.80	56	2677	1.121	ug/l #	13
36) 1,1-Dichloropropene	7.82	75	9444	5.028	ug/l #	49
38) Carbon Tetrachloride	7.82	117	10552	6.622	ug/l #	17
59) 2-Hexanone	10.86	43	779	1.019	ug/l	87
76) 1,2,3-Trichloropropane	12.49	75	28513	71.049	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	28513	137.646	ug/l #	17
95) Naphthalene	15.24	128	1780	1.133	ug/l #	64

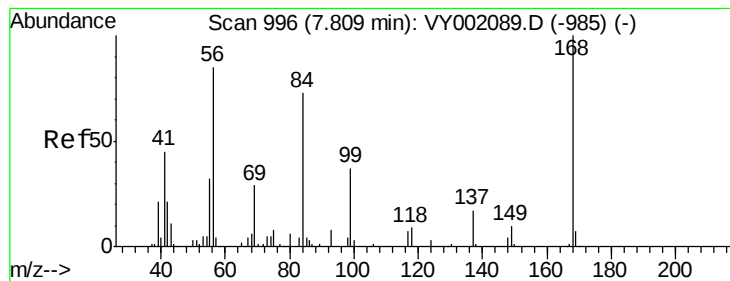
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
Data File : VY002178.D
Acq On : 01 Apr 2020 20:54
Operator : SY/MD
Sample : L2132-05
Misc : 3.83G/5ML/MSVOA Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:25:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

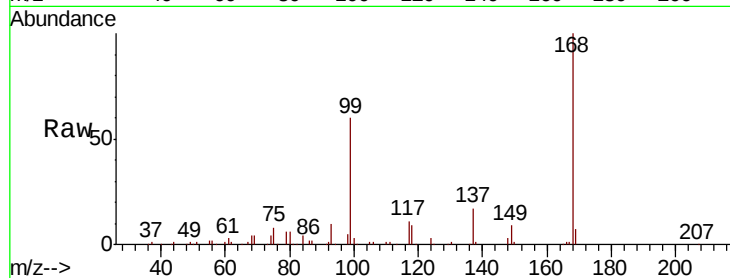
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 103670

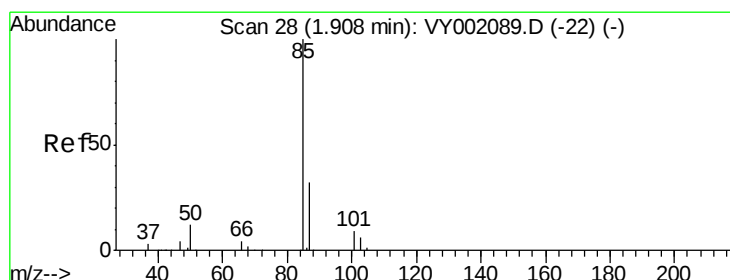
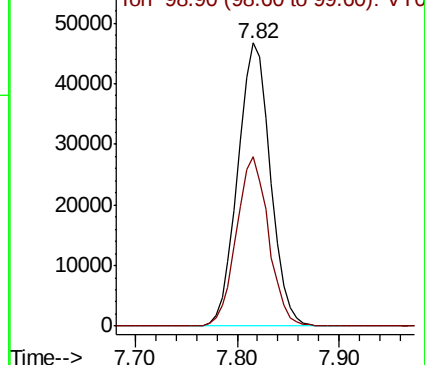
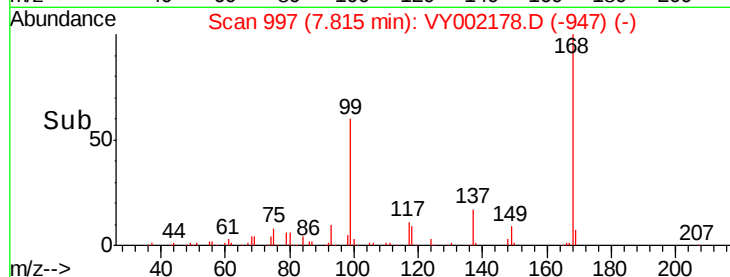
Ion Ratio Lower Upper

168 100

99 60.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002178.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002178.D

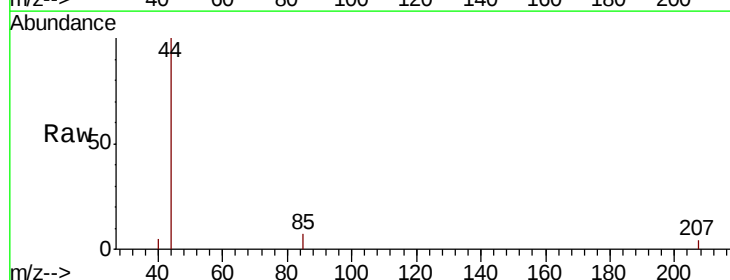
Acq: 01 Apr 2020 20:54

Tgt Ion: 85 Resp: 70

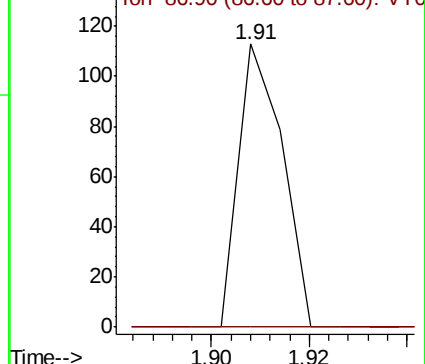
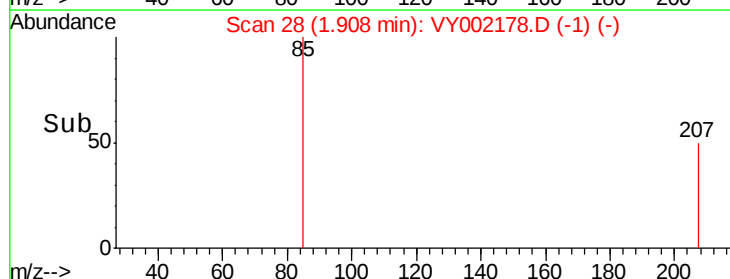
Ion Ratio Lower Upper

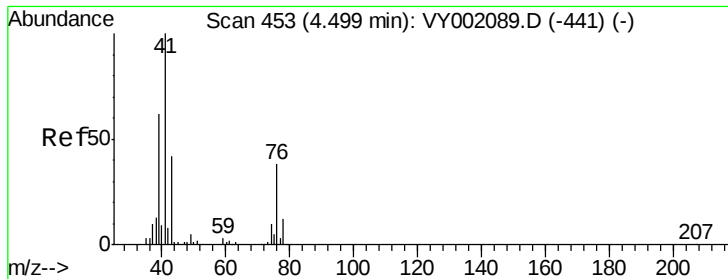
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002178.D (-1) (-)

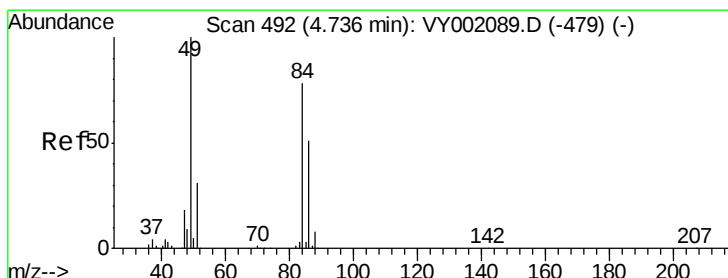
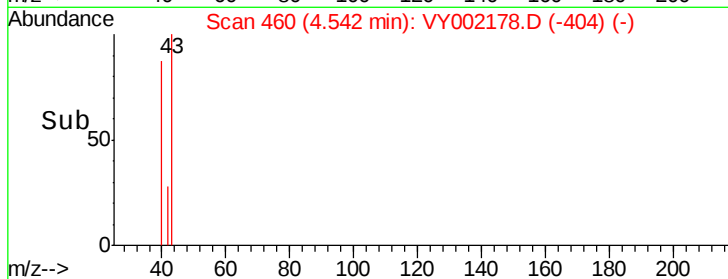
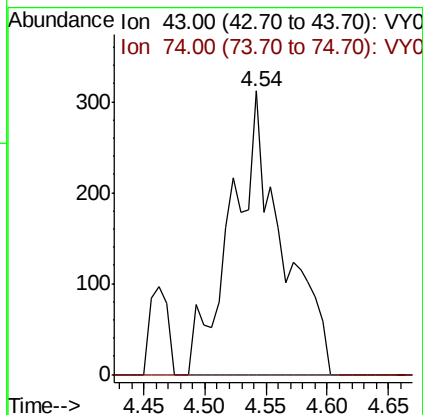
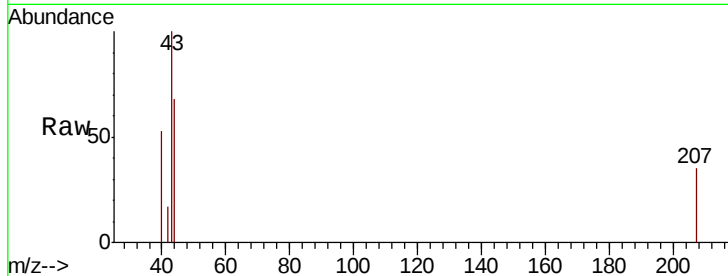




#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 4.54 min Scan# 460
Delta R.T. 0.04 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

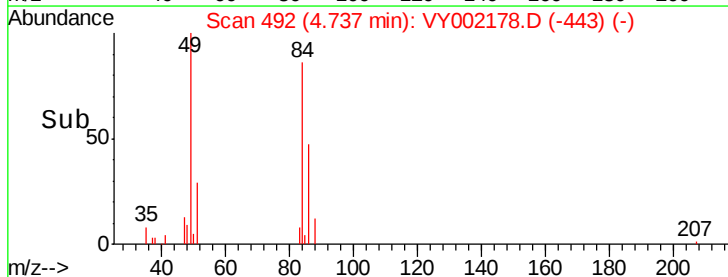
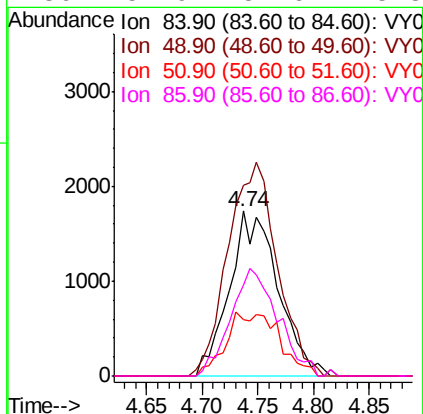
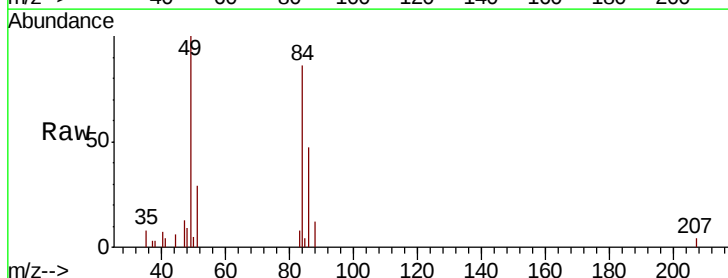
Instrument :
MSVOA_Y
ClientSampled :

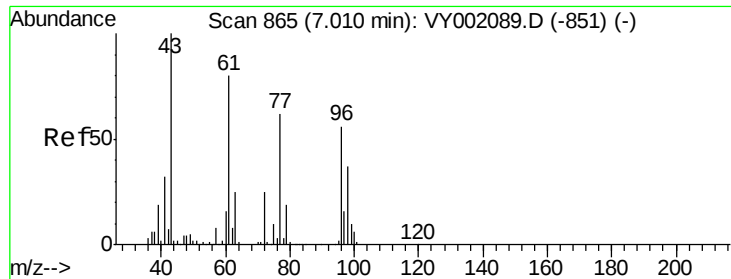
Tot Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Tgt Ion: 84 Resp: 5257
Ion Ratio Lower Upper
84 100
49 115.8 102.2 153.4
51 33.8 31.2 46.8
86 54.9 52.6 78.8

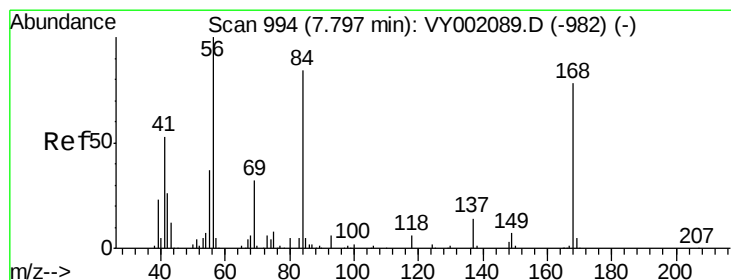
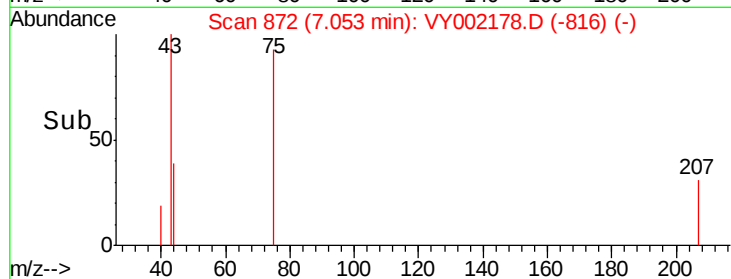
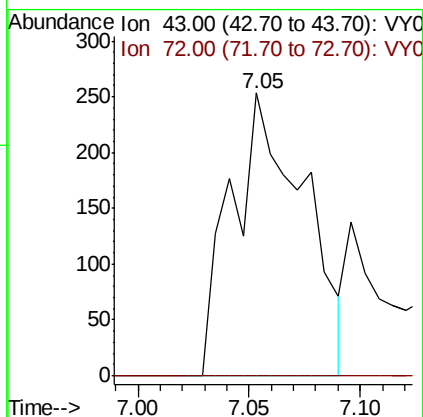
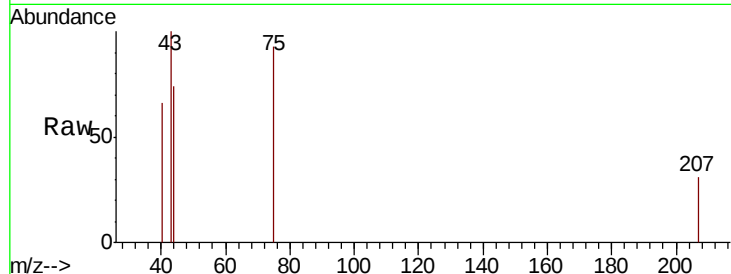




#25
2-Butanone
Concen: 1.163 ug/l
RT: 7.05 min Scan# 872
Delta R.T. 0.04 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

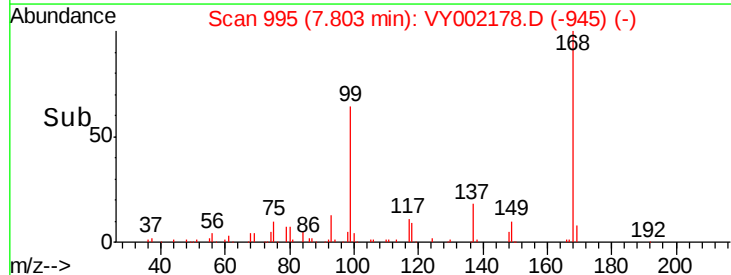
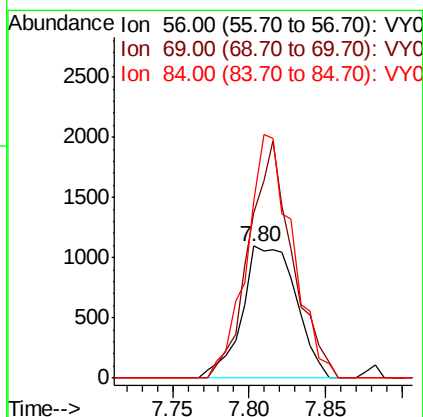
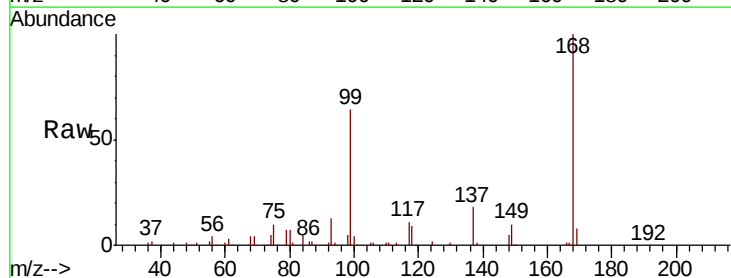
Instrument :
MSVOA_Y
ClientSampled :

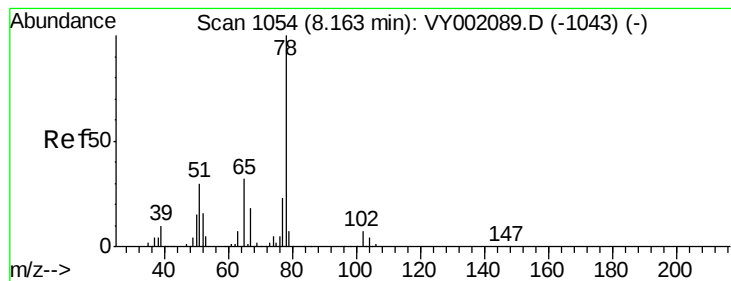
Tot Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Tgt Ion: 56 Resp: 2677
Ion Ratio Lower Upper
56 100
69 125.6 25.8 38.8#
84 134.6 67.1 100.7#





#33

1,2-Dichloroethane-d4

Concen: 51.928 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

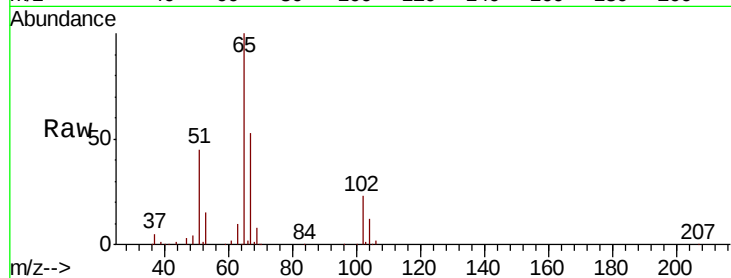
ClientSampleId :

Tot Ion: 65 Resp: 59512

Ion Ratio Lower Upper

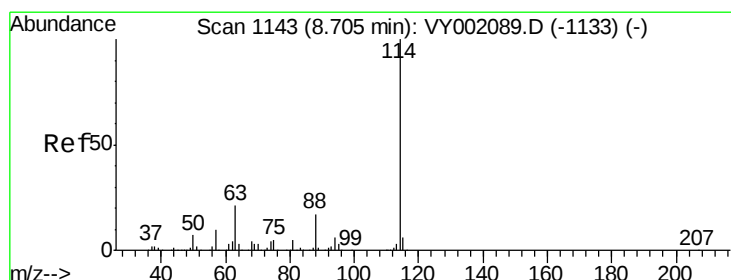
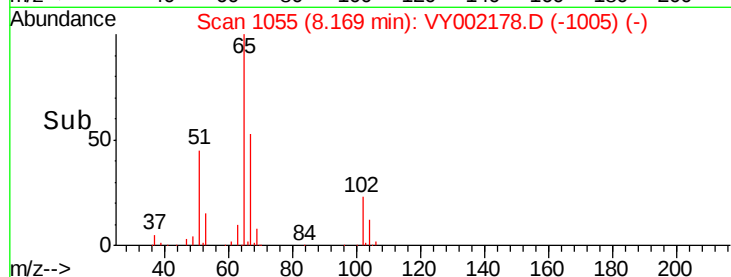
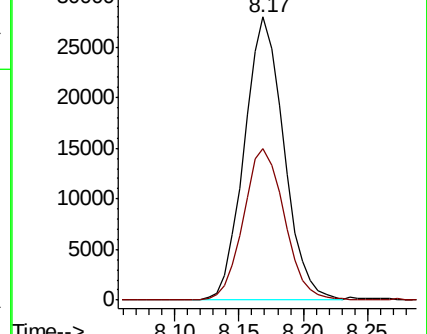
65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

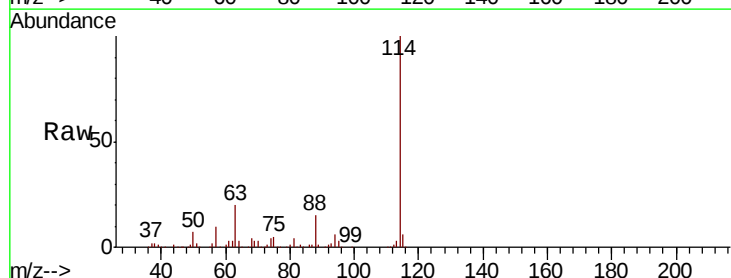
Tgt Ion: 114 Resp: 198582

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

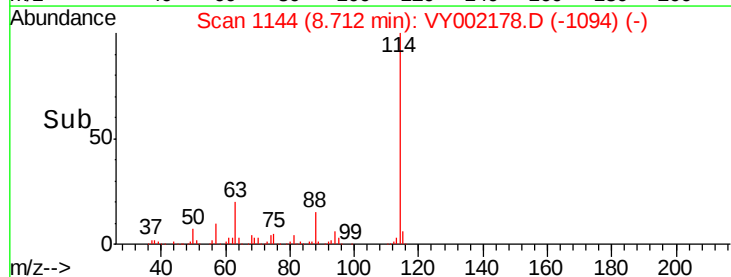
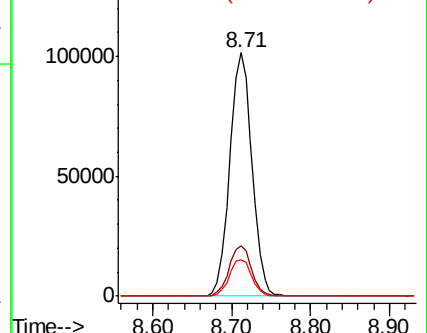
88 15.0 0.0 33.0

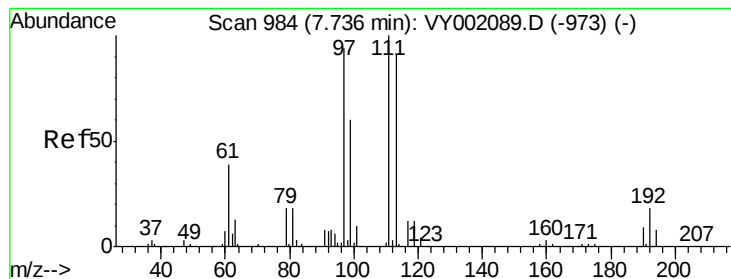


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 52.620 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

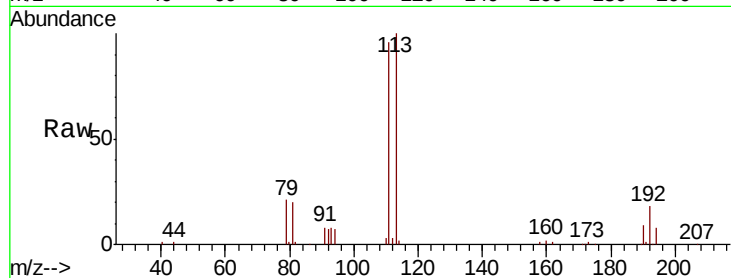
Tot Ion:113 Resp: 58549

Ion Ratio Lower Upper

113 100

111 103.1 84.4 126.6

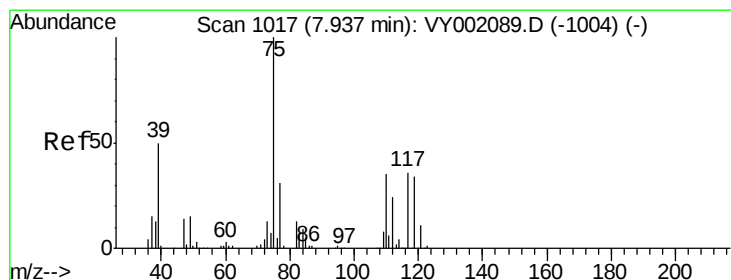
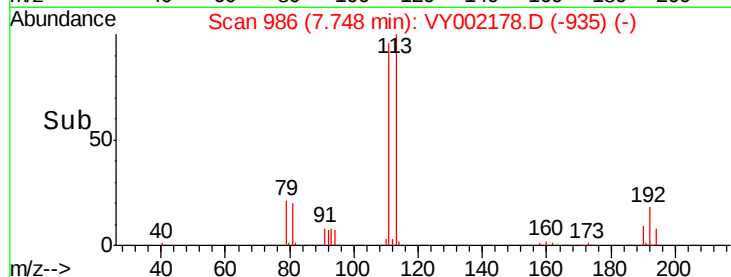
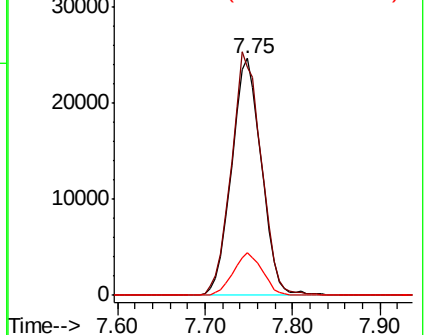
192 17.7 14.6 21.8



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: 5.028 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

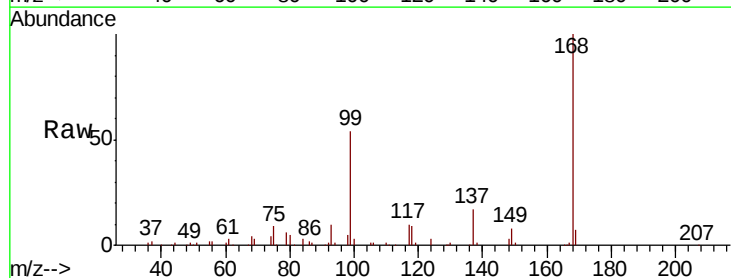
Tgt Ion: 75 Resp: 9444

Ion Ratio Lower Upper

75 100

110 8.2 17.2 51.6#

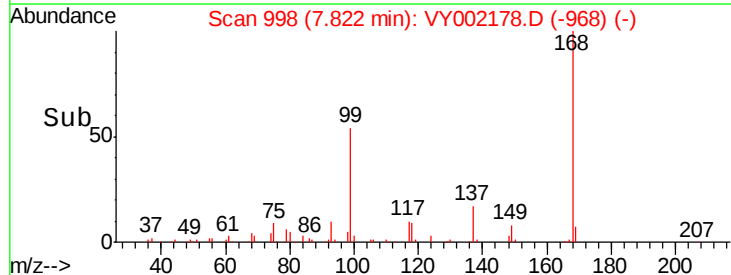
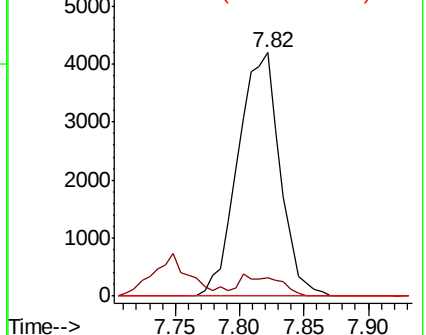
77 0.0 24.7 37.1#

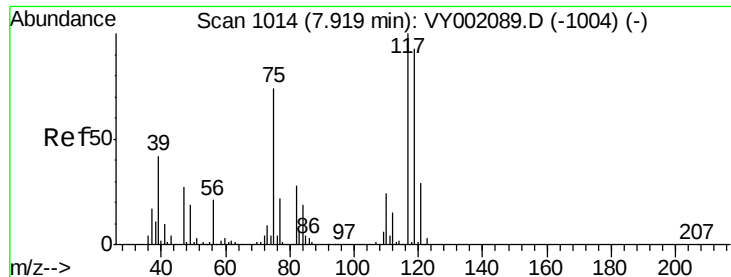


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

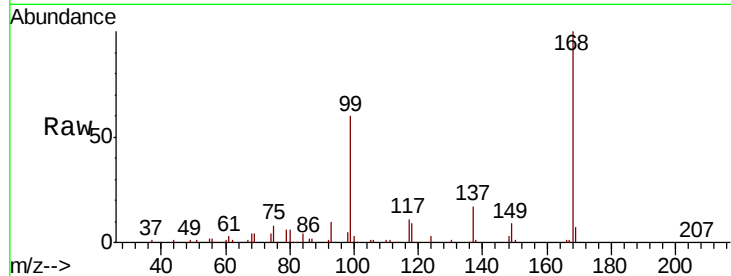




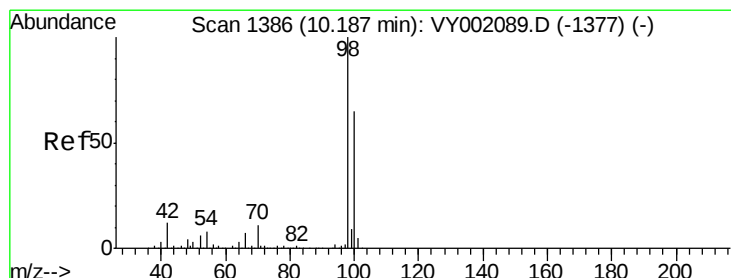
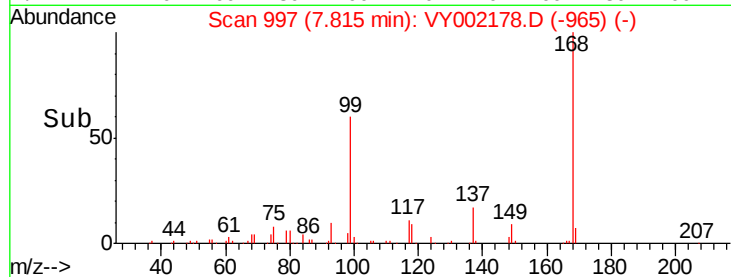
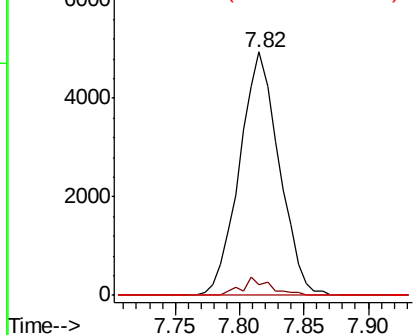
#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 10552
Ion Ratio Lower Upper
117 100
119 4.6 74.3 111.5#
121 0.0 23.3 34.9#

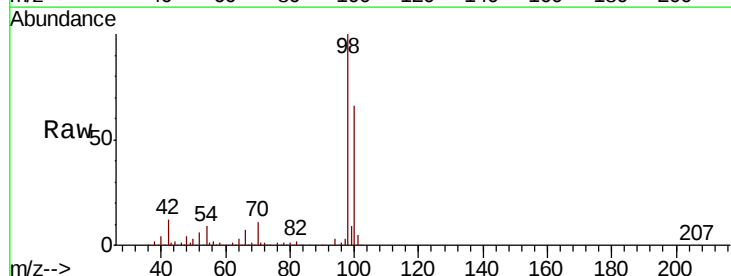


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

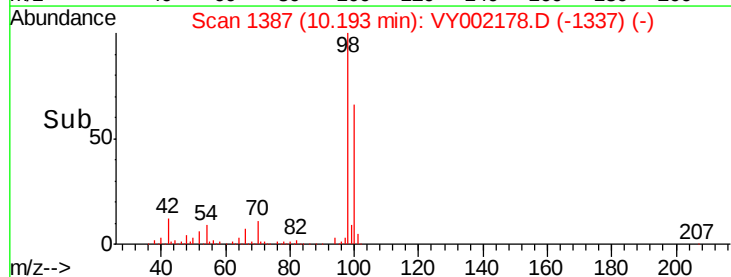
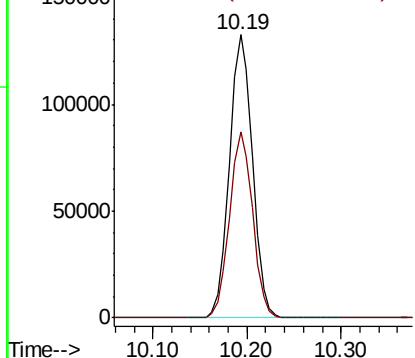


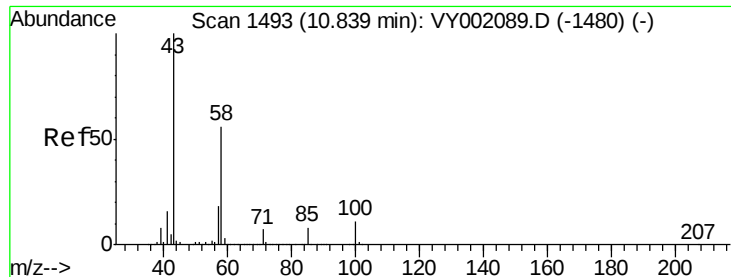
#50
Toluene-d8
Concen: 48.753 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Tgt Ion: 98 Resp: 225356
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#59

2-Hexanone

Concen: 1.019 ug/l

RT: 10.86 min Scan# 1496

Delta R.T. 0.02 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

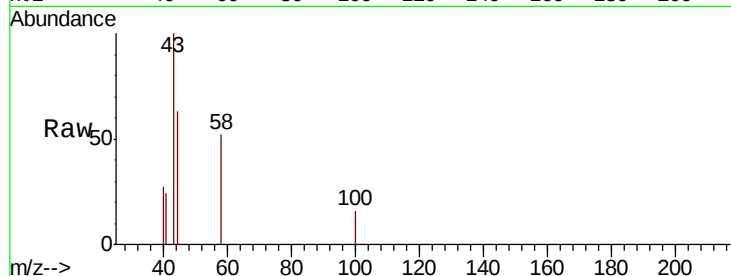
ClientSampleId :

Tot Ion: 43 Resp: 779

Ion Ratio Lower Upper

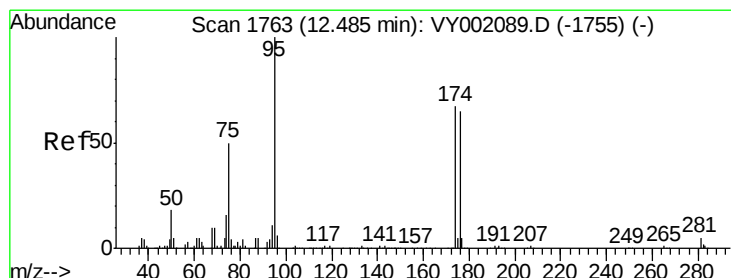
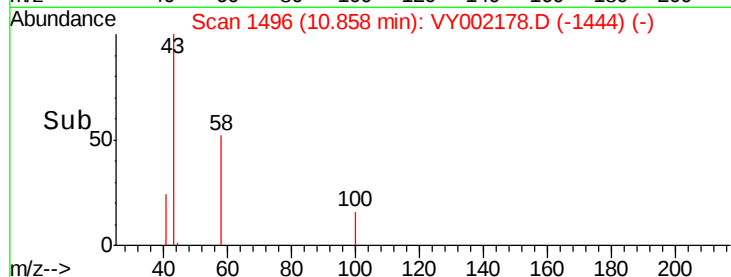
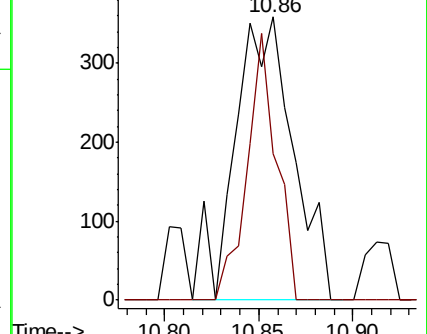
43 100

58 46.6 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 33.697 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

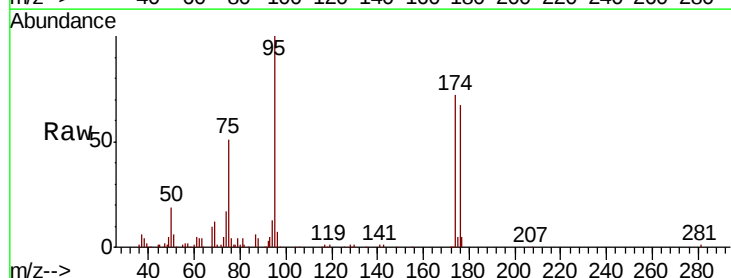
Tgt Ion: 95 Resp: 54475

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

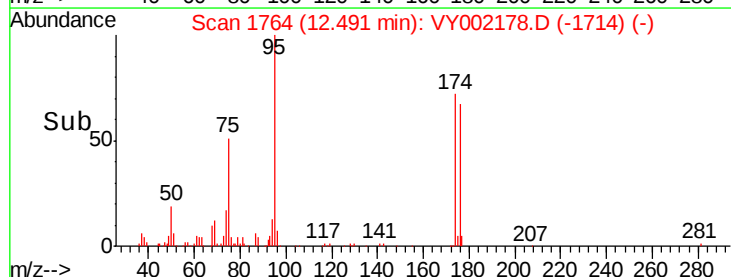
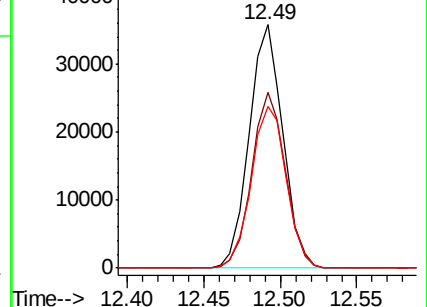
176 69.3 0.0 137.0

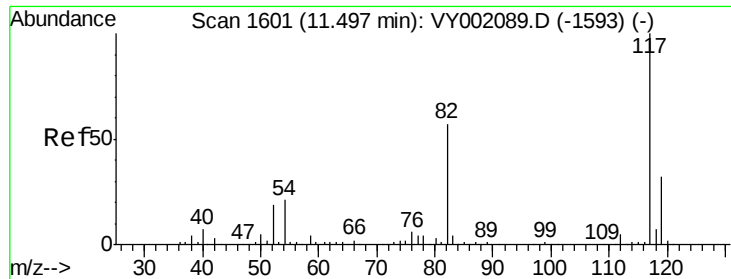


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

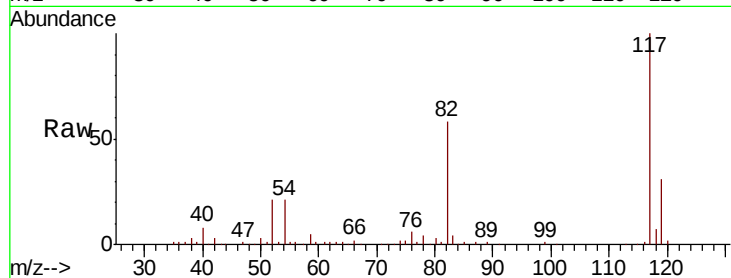




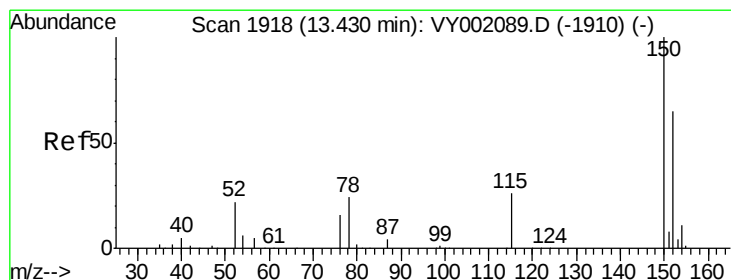
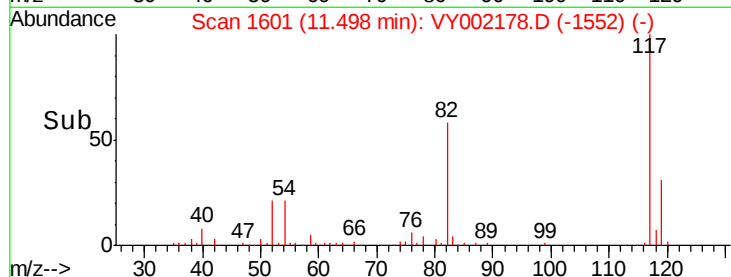
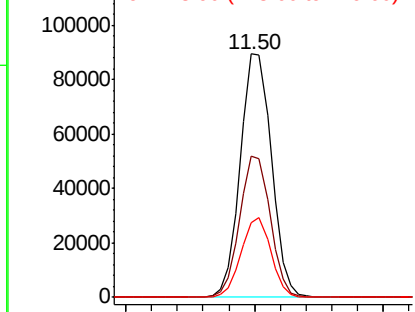
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 149938
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 30.5 25.3 37.9

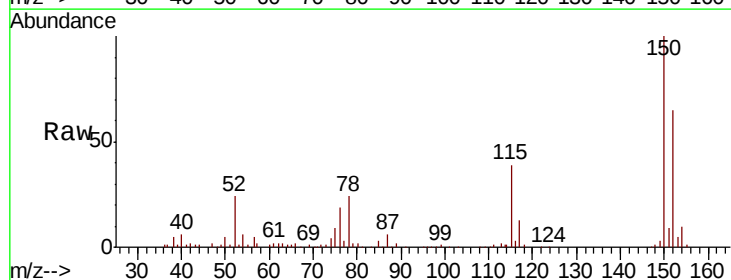


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

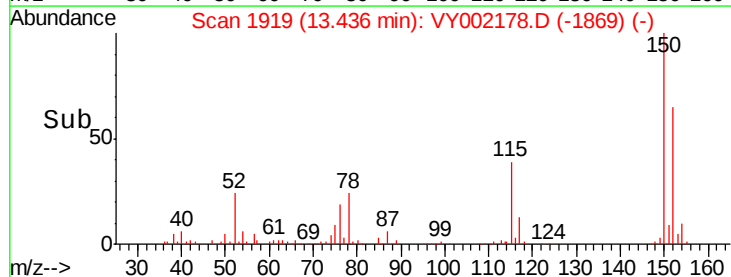
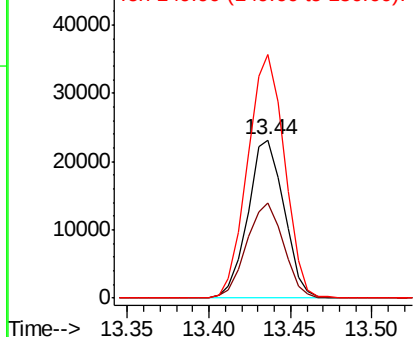


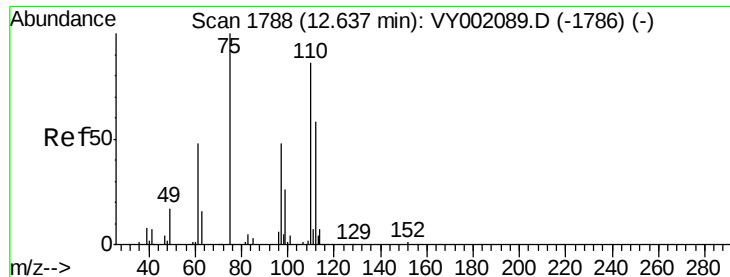
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Tgt Ion:152 Resp: 35877
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 156.7 0.0 354.8



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: 71.049 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

Instrument :

MSVOA_Y

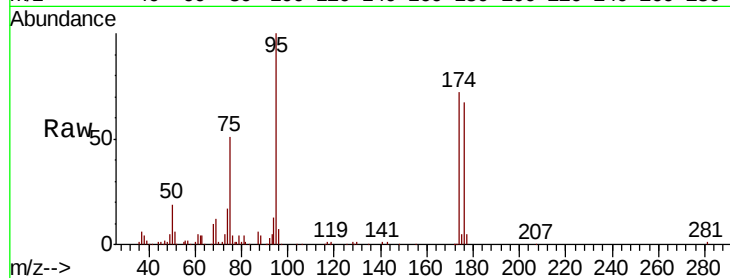
ClientSampleId :

Tot Ion: 75 Resp: 28513

Ion Ratio Lower Upper

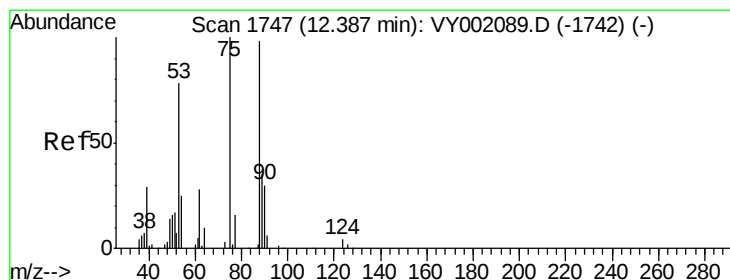
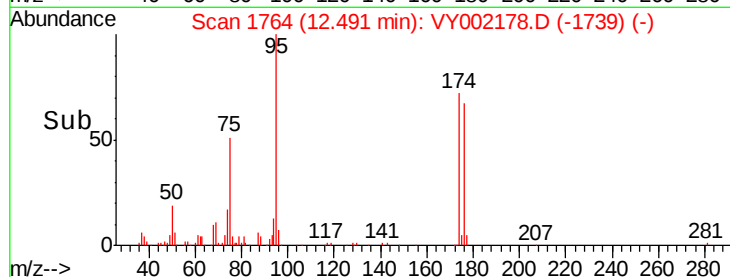
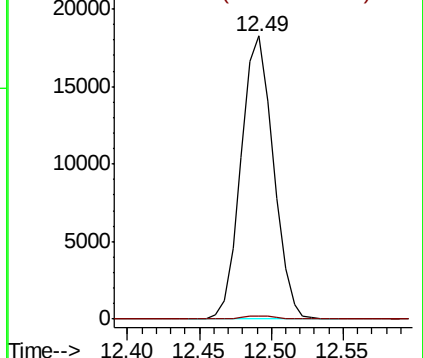
75 100

77 1.3 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: 137.646 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002178.D

Acq: 01 Apr 2020 20:54

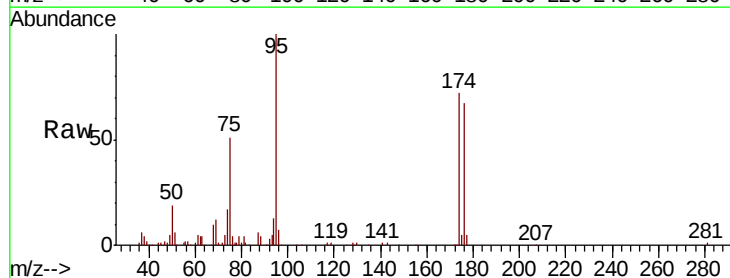
Tgt Ion: 75 Resp: 28513

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

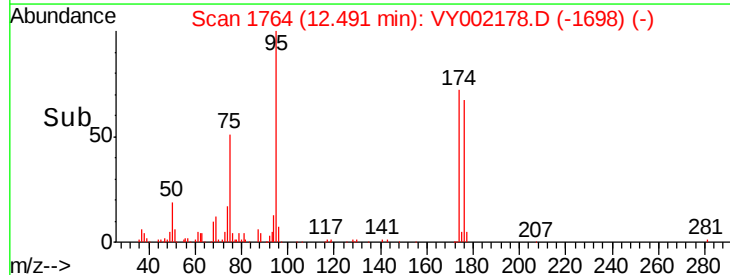
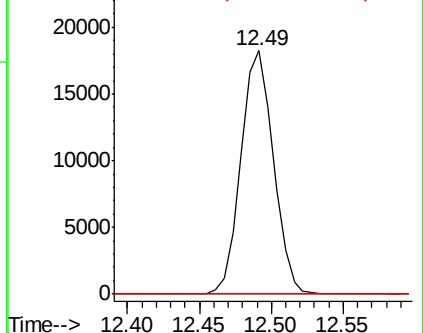
89 0.1 33.4 50.0#

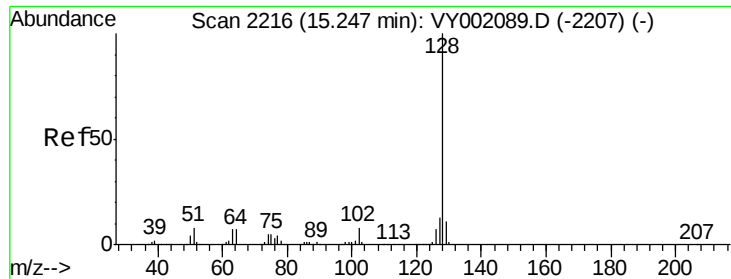


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95
Naphthalene
Concen: 1.133 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002178.D
Acq: 01 Apr 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 1780
Ion Ratio Lower Upper
128 100
127 32.1 9.8 14.8#
129 18.0 8.6 13.0#

