

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000372.D
 Acq On : 22 Oct 2019 18:25
 Operator : SY/MD
 Sample : K5494-05
 Misc : 8.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-2FT

Quant Time: Oct 23 08:05:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	405041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	136289	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.73	113	116729	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.19	98	465119	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.48	95	144989	40.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.22%	

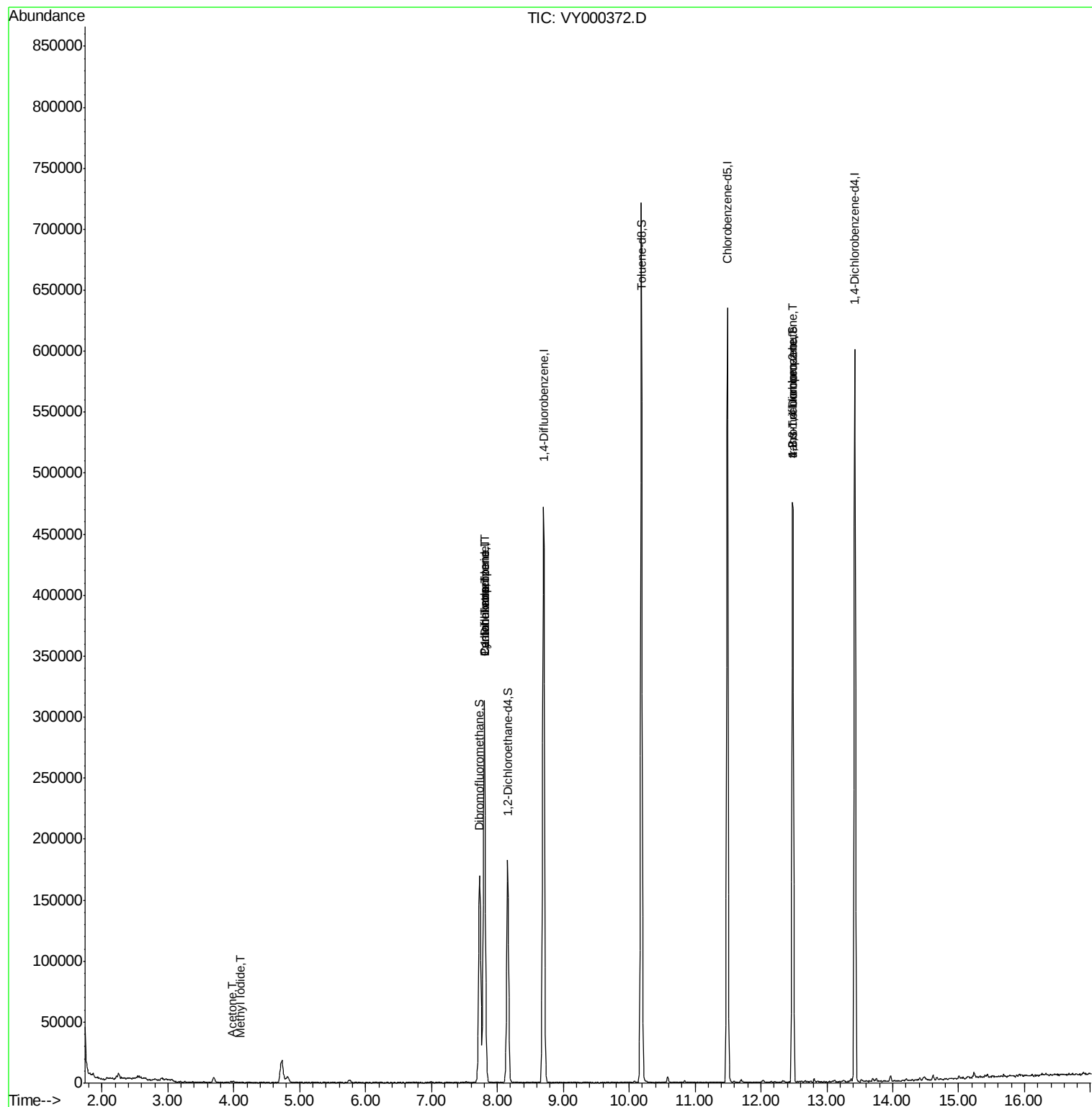
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.93	85	28	Below Cal	# 41
10) Methyl Iodide	4.11	142	85	1.210 ug/l	# 41
16) Acetone	3.97	43	1542	1.882 ug/l	100
20) Methylene Chloride	4.73	84	13648	Below Cal	93
31) Cyclohexane	7.80	56	5502	1.136 ug/l	# 46
36) 1,1-Dichloropropene	7.80	75	18571	4.683 ug/l	# 48
38) Carbon Tetrachloride	7.80	117	23359	6.084 ug/l	# 20
76) 1,2,3-Trichloropropane	12.48	75	76224	43.038 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	76224	94.165 ug/l	# 14

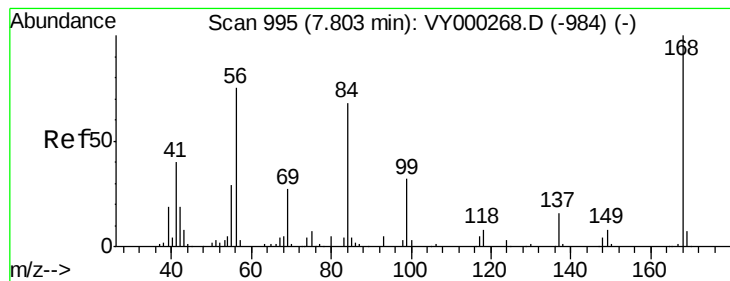
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000372.D

Acq: 22 Oct 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

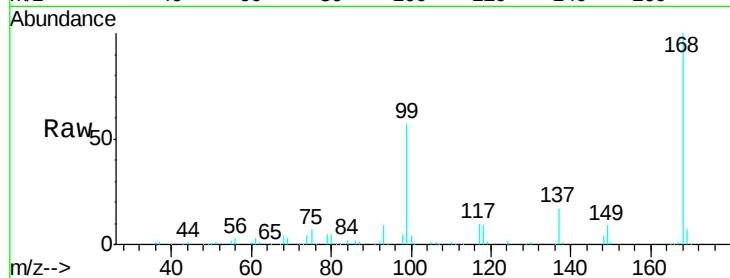
TP2-2FT

Tgt Ion:168 Resp: 239901

Ion Ratio Lower Upper

168 100

99 57.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

120000

100000

80000

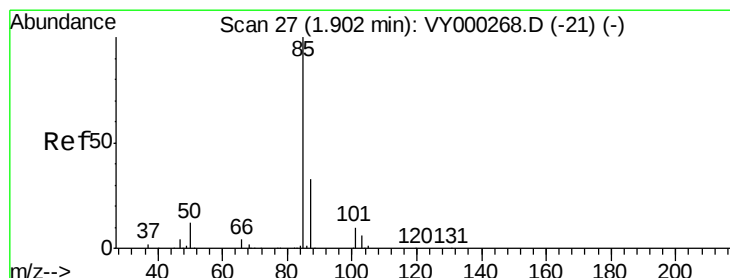
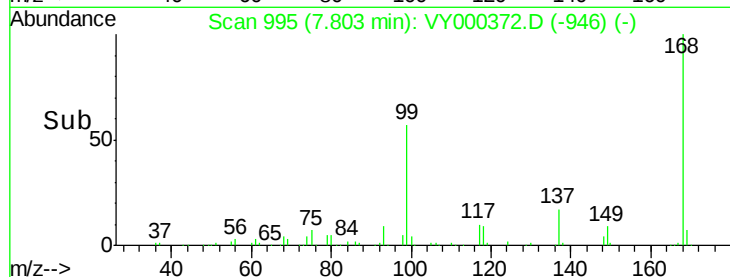
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.93 min Scan# 32

Delta R.T. 0.03 min

Lab File: VY000372.D

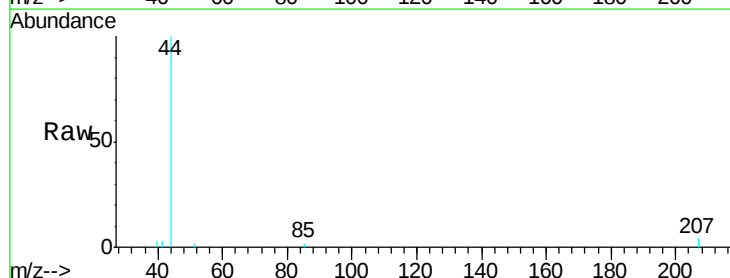
Acq: 22 Oct 2019 18:25

Tgt Ion: 85 Resp: 28

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.93

80

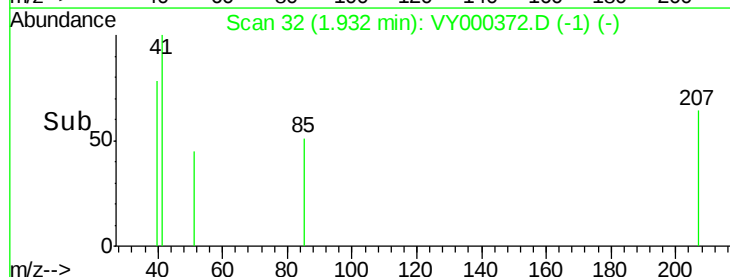
60

40

20

0

Time--> 1.91 1.92 1.93 1.94 1.95

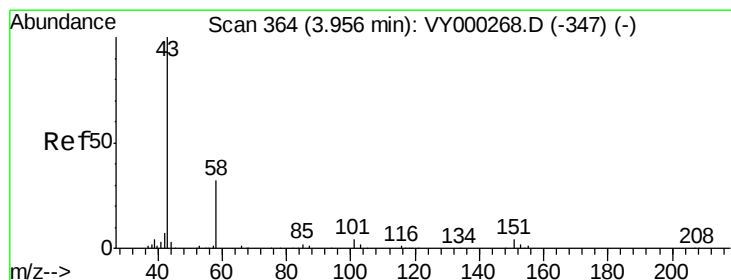
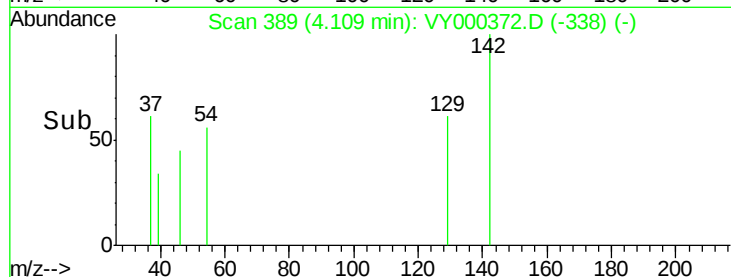
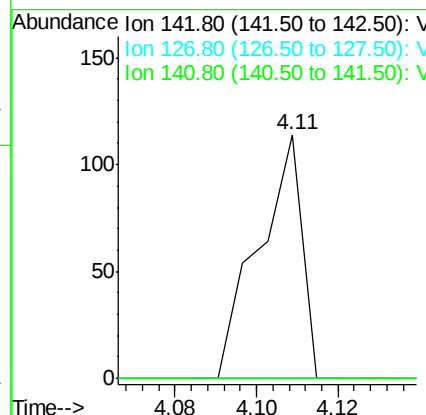
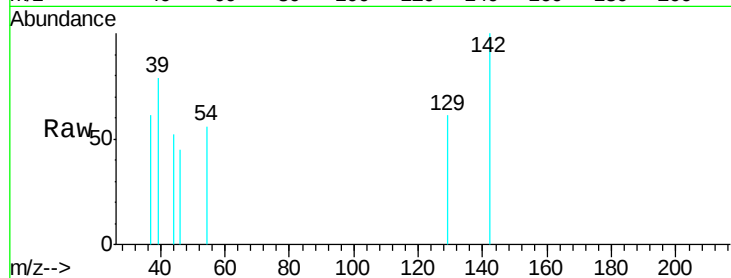




#10
Methyl Iodide
Concen: 1.210 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

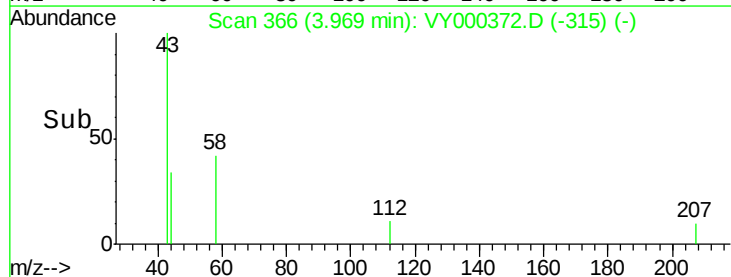
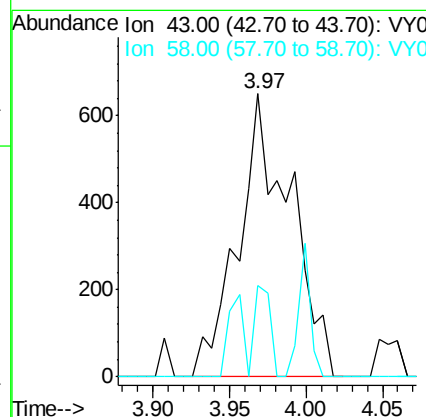
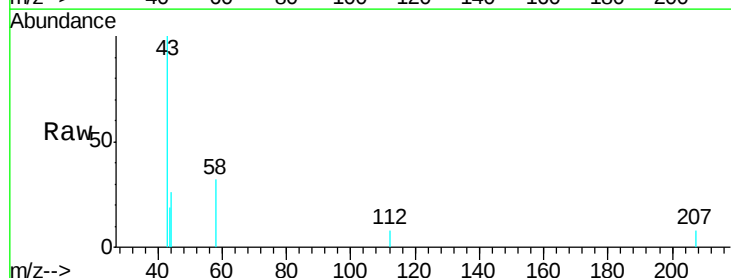
Instrument :
MSVOA_Y
ClientSampled :
TP2-2FT

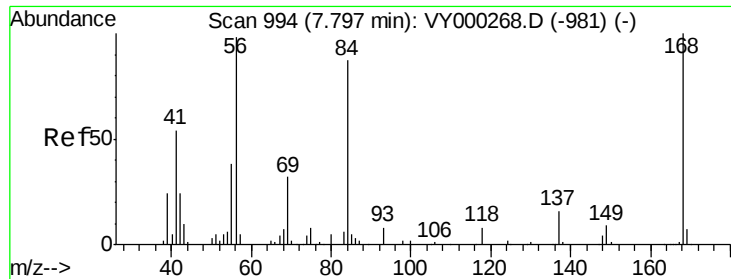
Tgt Ion: 142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.882 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 32.4 25.8 38.6

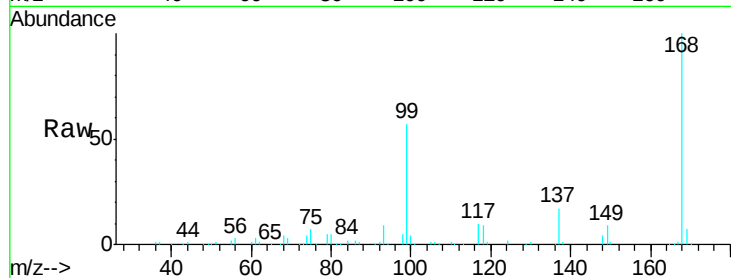




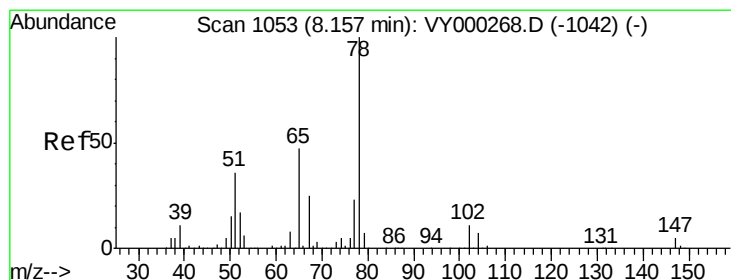
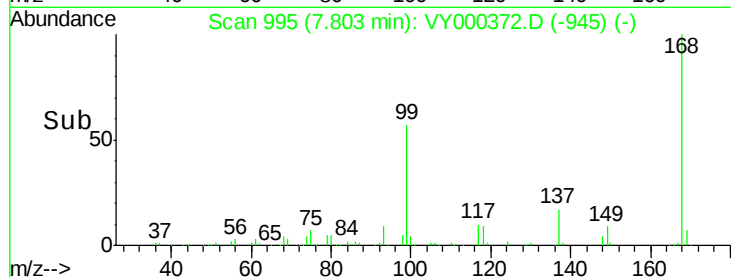
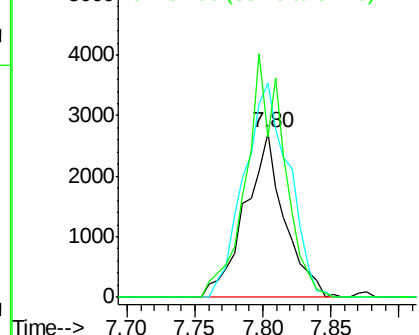
#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Instrument :
MSVOA_Y
ClientSampled :
TP2-2FT

Tgt Ion: 56 Resp: 5502
Ion Ratio Lower Upper
56 100
69 130.4 26.3 39.5#
84 97.5 70.8 106.2

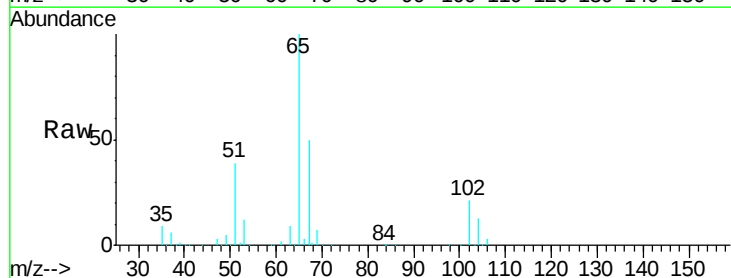


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

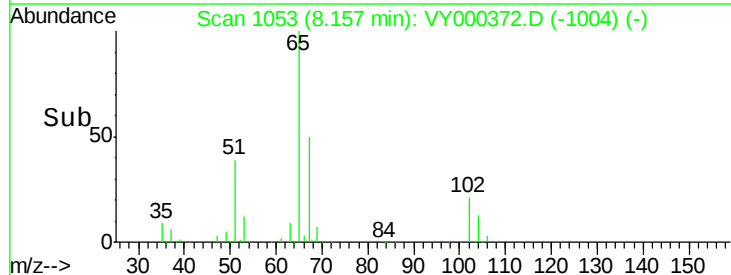
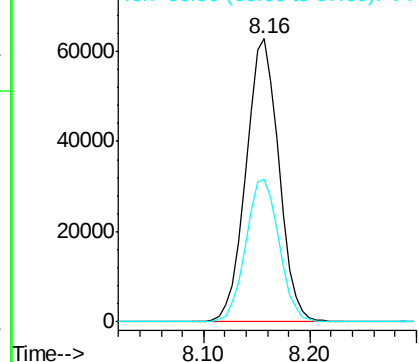


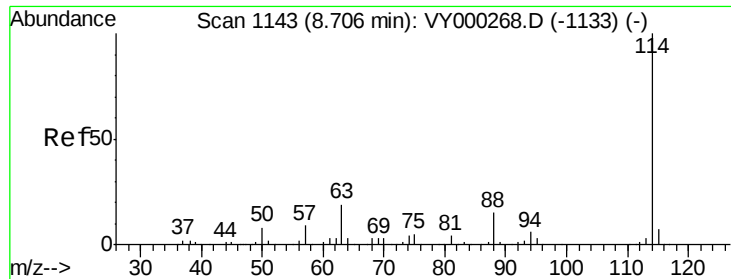
#33
1,2-Dichloroethane-d4
Concen: 53.857 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Tgt Ion: 65 Resp: 136289
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

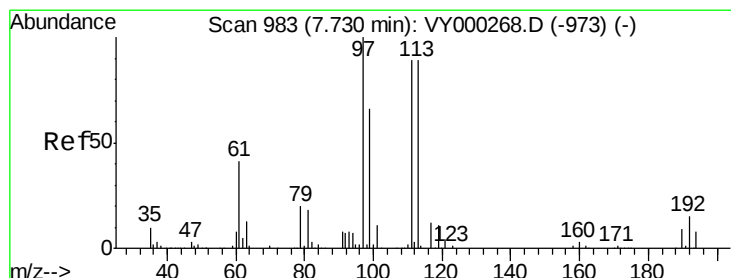
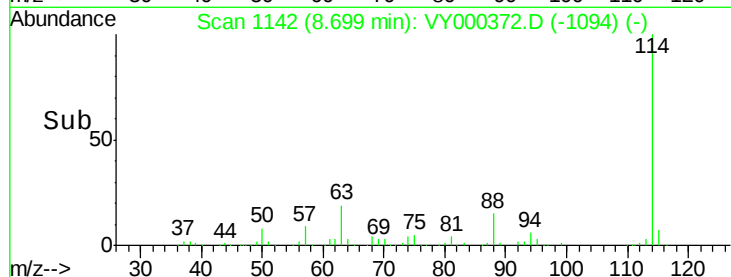
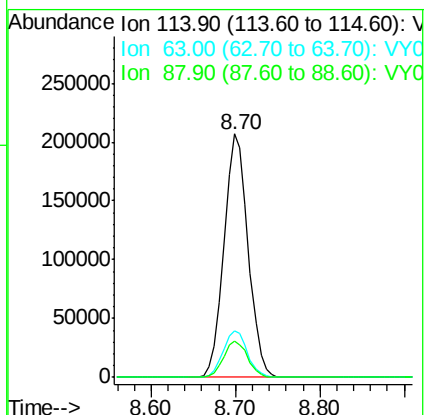
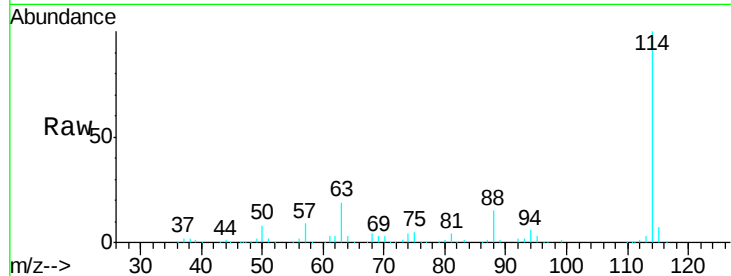




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

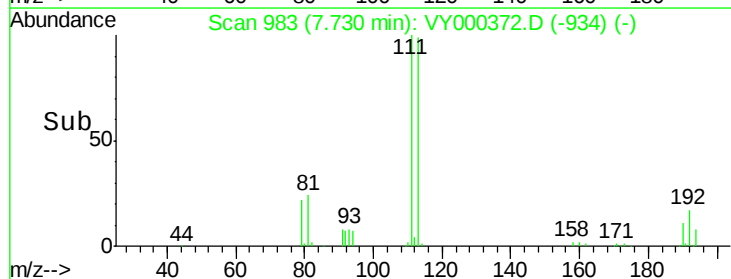
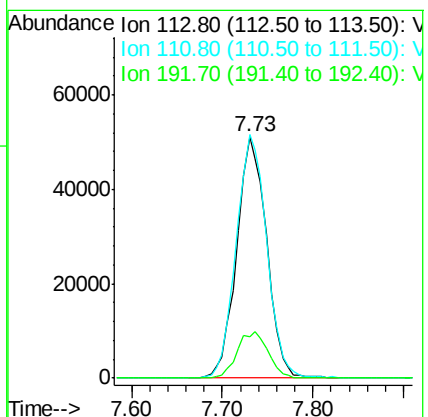
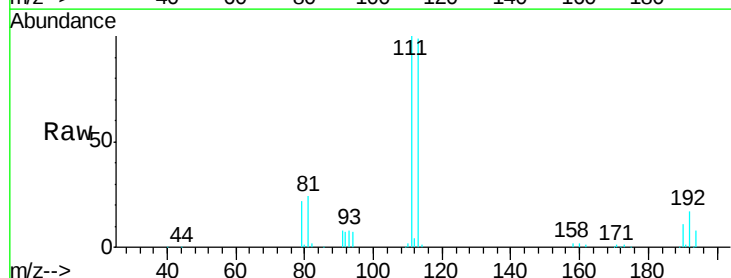
Instrument :
MSVOA_Y
ClientSampleId :
TP2-2FT

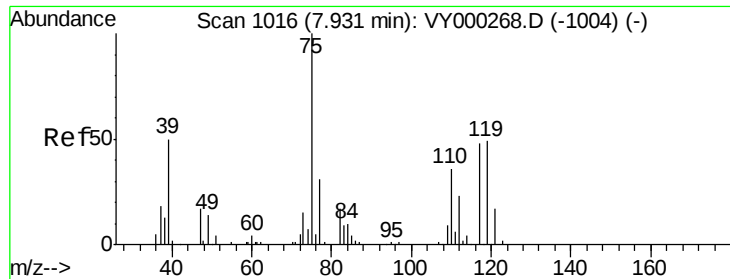
Tgt Ion:114 Resp: 405041
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.2
88 15.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 47.776 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Tgt Ion:113 Resp: 116729
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 19.8 15.3 22.9

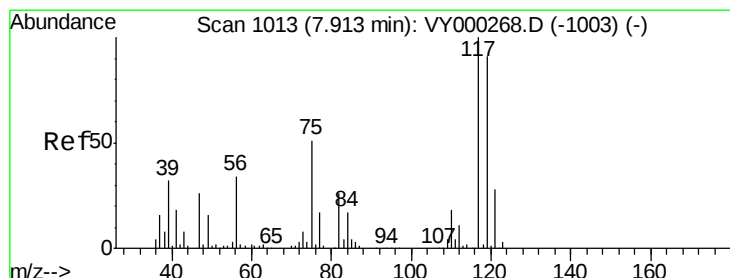
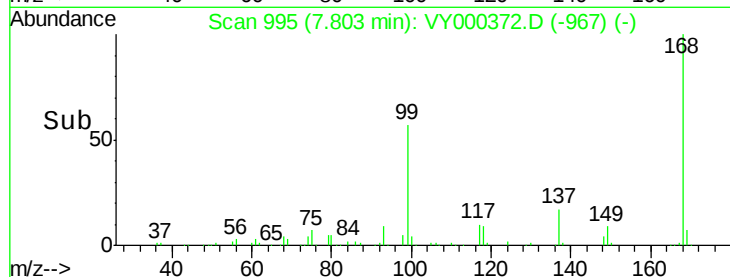
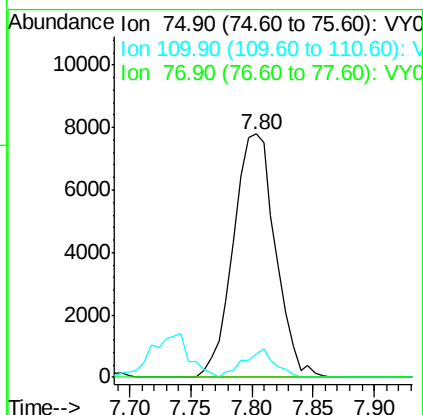
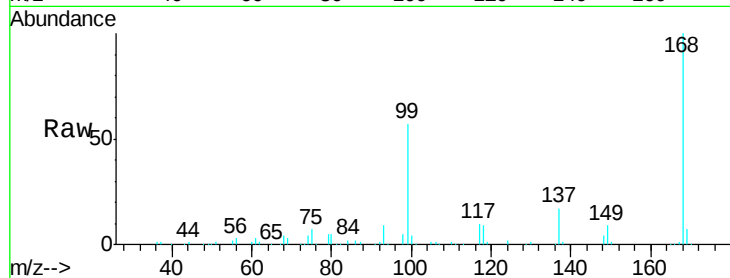




#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000372.D
 Acq: 22 Oct 2019 18:25

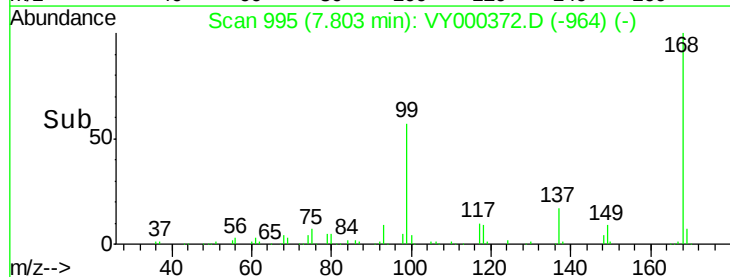
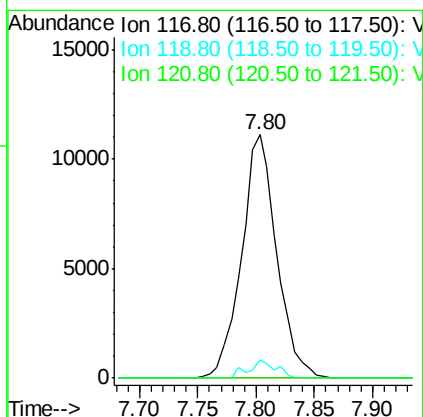
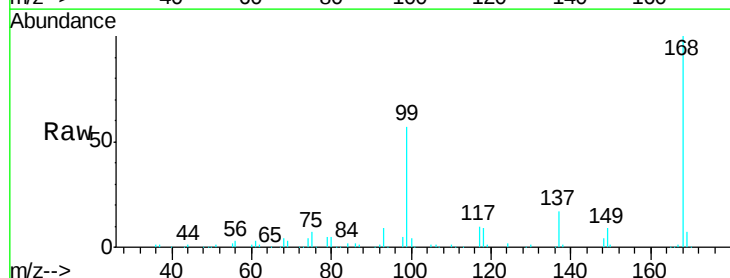
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-2FT

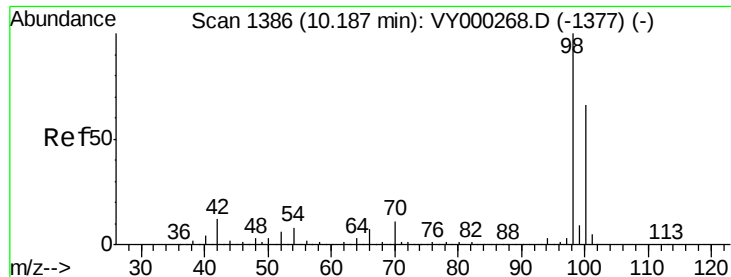
Tgt Ion: 75 Resp: 18571
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.084 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000372.D
 Acq: 22 Oct 2019 18:25

Tgt Ion: 117 Resp: 23359
 Ion Ratio Lower Upper
 117 100
 119 7.3 72.8 109.2#
 121 0.0 22.2 33.2#





#50

Toluene-d8

Concen: 49.489 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000372.D

Acq: 22 Oct 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

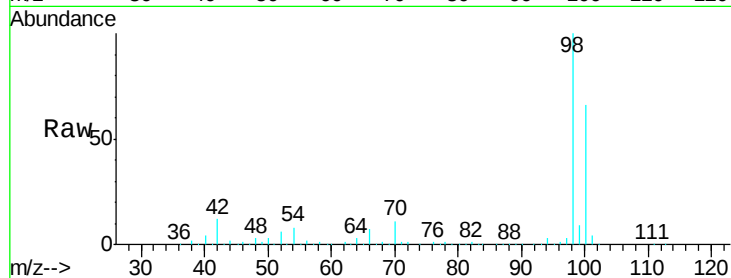
TP2-2FT

Tgt Ion: 98 Resp: 465119

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

250000

200000

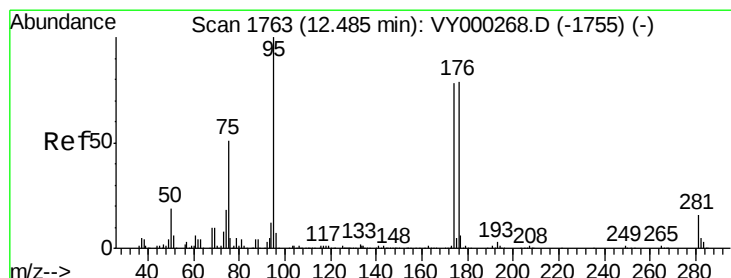
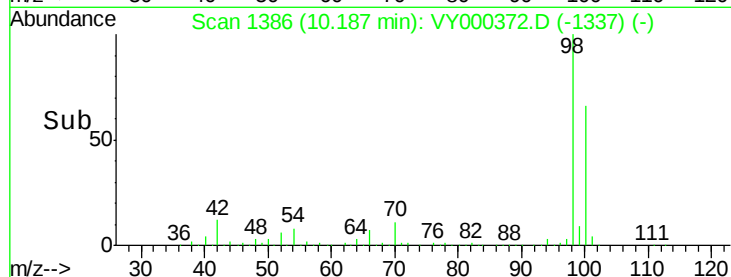
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000372.D

Acq: 22 Oct 2019 18:25

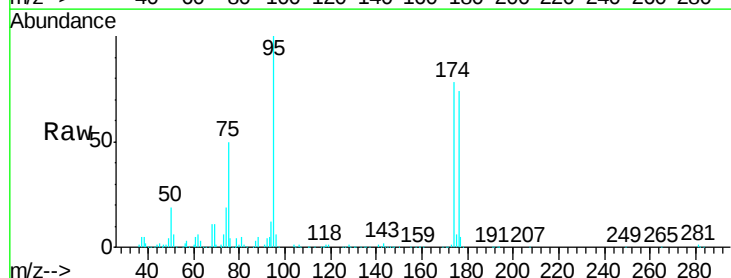
Tgt Ion: 95 Resp: 144989

Ion Ratio Lower Upper

95 100

174 85.0 0.0 159.6

176 79.8 0.0 153.8



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

12.48

120000

100000

80000

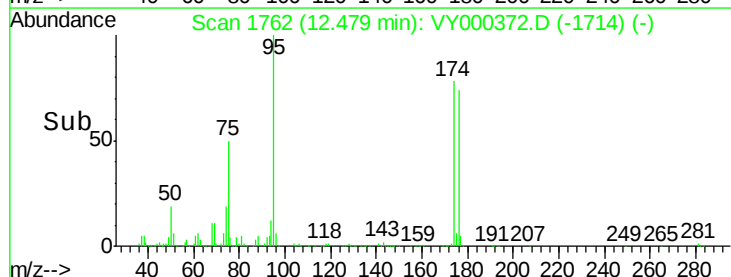
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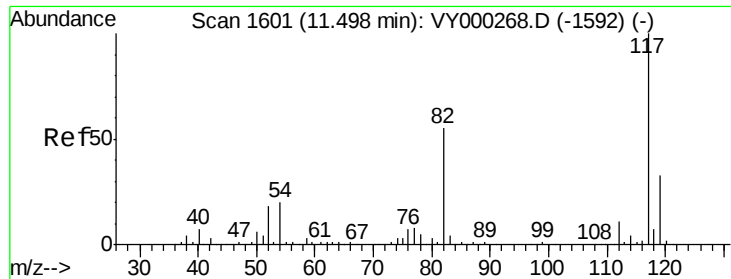
40000

20000

0

Time-->

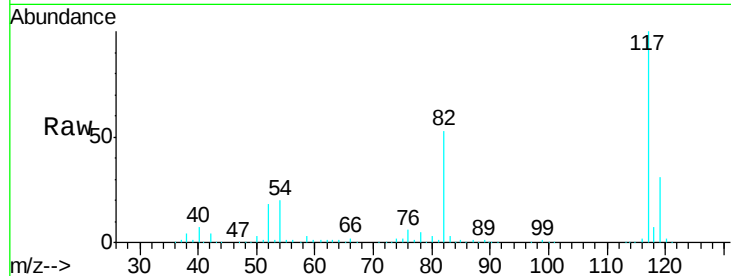




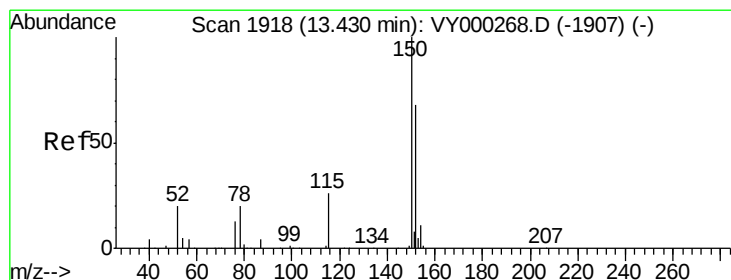
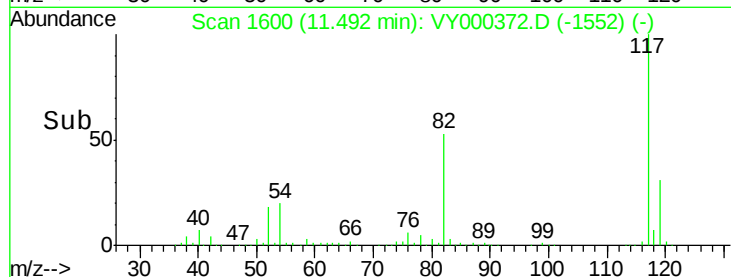
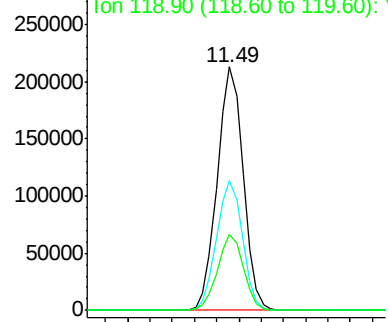
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Instrument :
MSVOA_Y
ClientSampled :
TP2-2FT

Tgt Ion:117 Resp: 344939
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 31.2 26.6 39.8

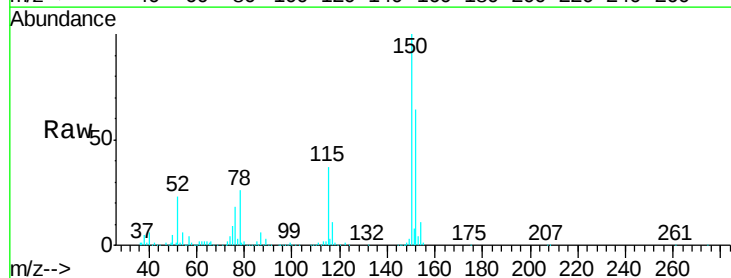


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

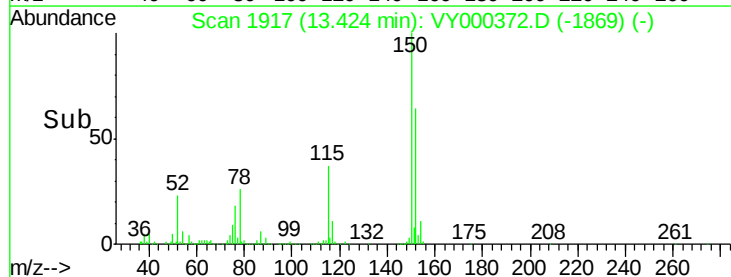
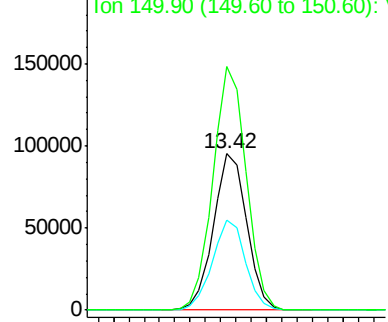


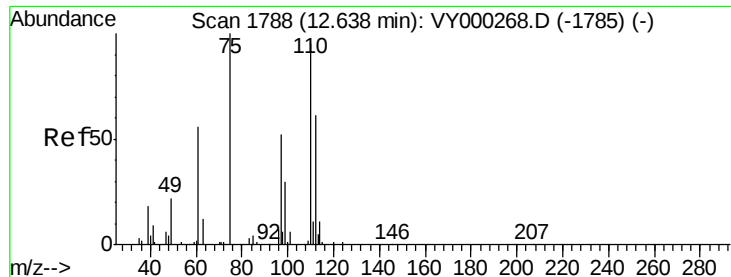
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000372.D
Acq: 22 Oct 2019 18:25

Tgt Ion:152 Resp: 144032
Ion Ratio Lower Upper
152 100
115 57.2 29.3 88.0
150 155.3 0.0 348.4



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: 43.038 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000372.D

Acq: 22 Oct 2019 18:25

Instrument :

MSVOA_Y

ClientSampled :

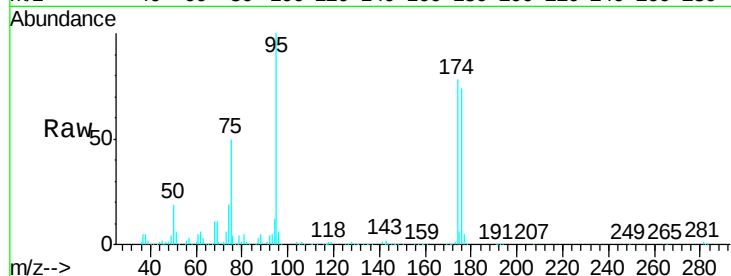
TP2-2FT

Tgt Ion: 75 Resp: 76224

Ion Ratio Lower Upper

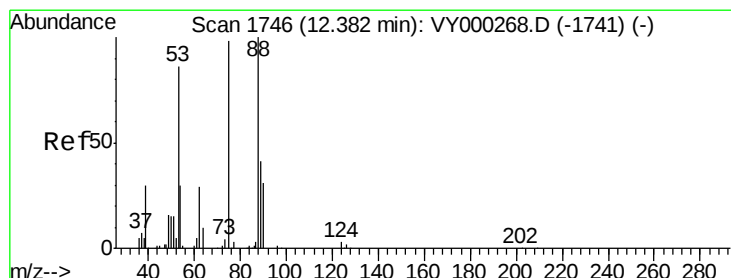
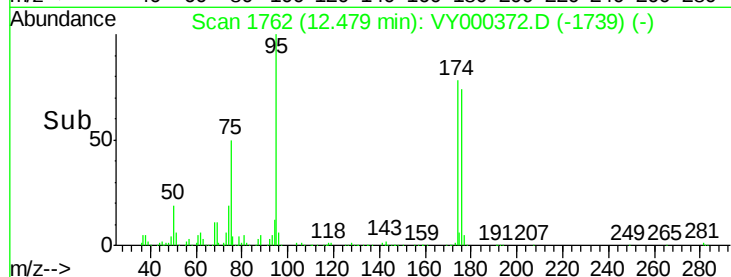
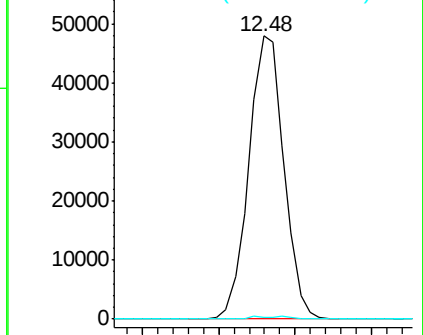
75 100

77 1.0 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: 94.165 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000372.D

Acq: 22 Oct 2019 18:25

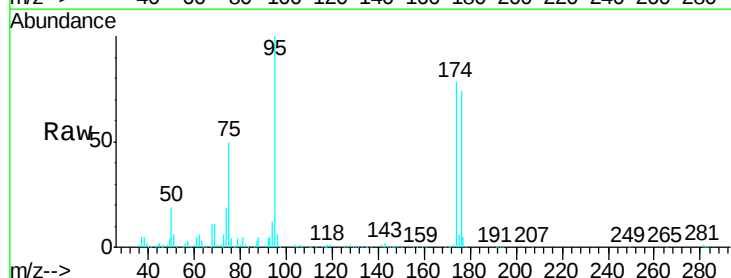
Tgt Ion: 75 Resp: 76224

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#



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

