

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002174.D
 Acq On : 01 Apr 2020 19:25
 Operator : SY/MD
 Sample : L2129-26
 Misc : 6.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:24:59 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	115716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	227524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	88641	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	73976	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
35) Dibromofluoromethane	7.74	113	68813	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
50) Toluene-d8	10.19	98	278992	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.49	95	93621	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	

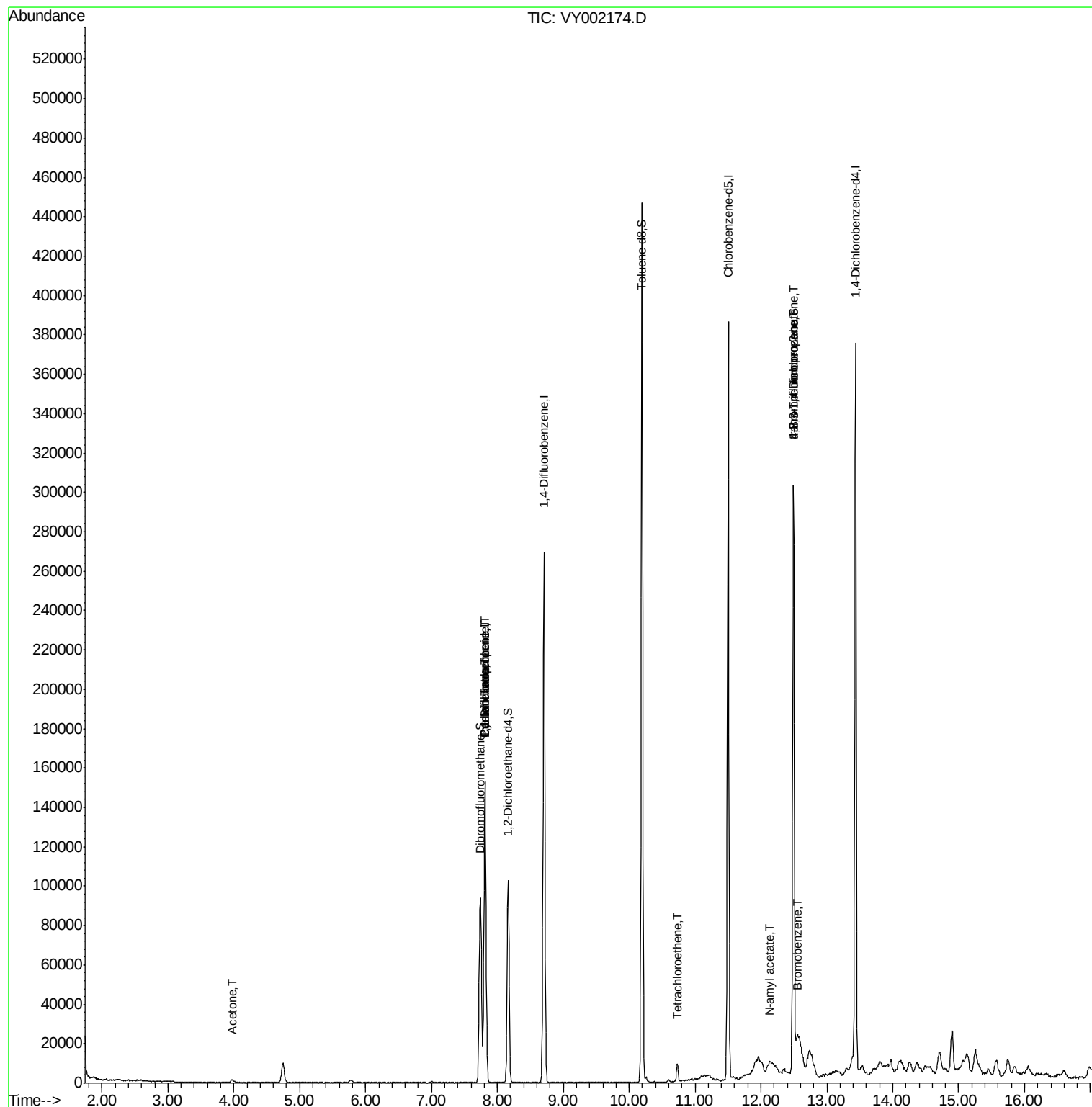
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	3089	8.595	ug/l #	75
20) Methylene Chloride	4.75	84	7151	Below Cal		95
31) Cyclohexane	7.81	56	2800	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	9672	4.494	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12241	6.704	ug/l #	18
64) Tetrachloroethene	10.73	164	1953	1.516	ug/l	84
74) N-amyl acetate	12.13	43	3274	1.579	ug/l #	49
76) 1,2,3-Trichloropropane	12.49	75	49213	49.633	ug/l #	100
77) Bromobenzene	12.55	156	14385	10.248	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	49213	96.157	ug/l #	17

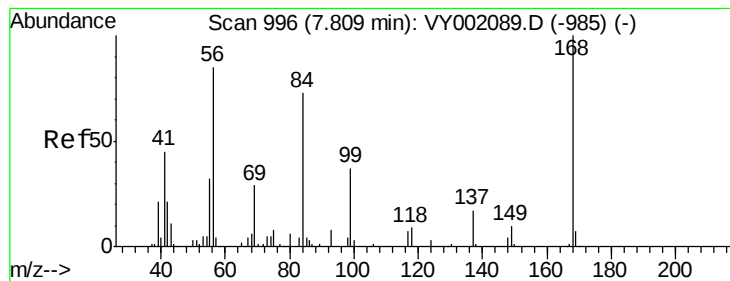
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

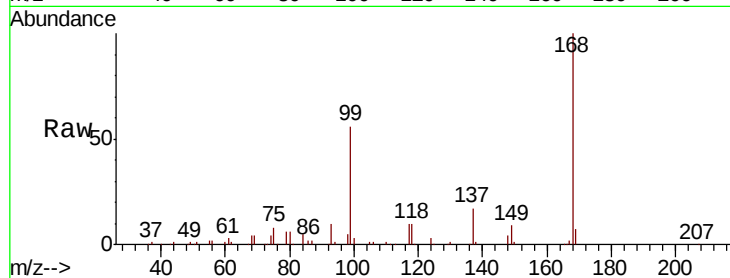
ClientSampleId :

Tot Ion:168 Resp: 115716

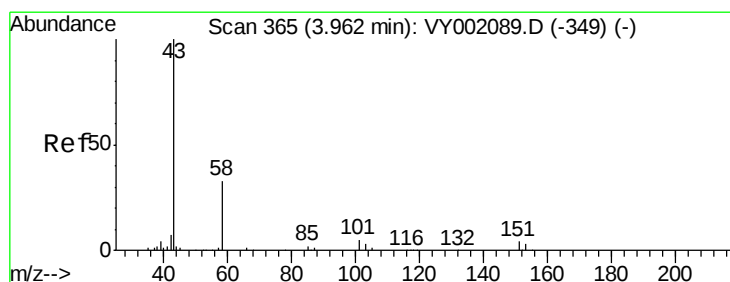
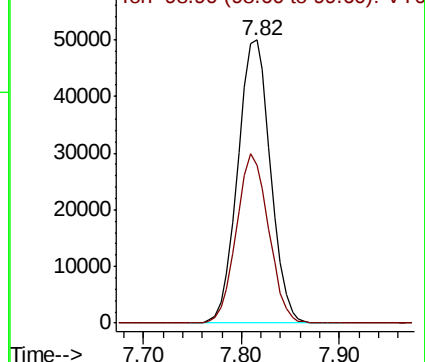
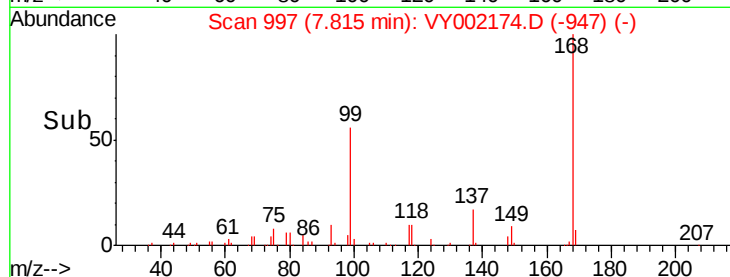
Ion Ratio Lower Upper

168 100

99 55.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002174.D (-947) (-)



#16

Acetone

Concen: 8.595 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002174.D

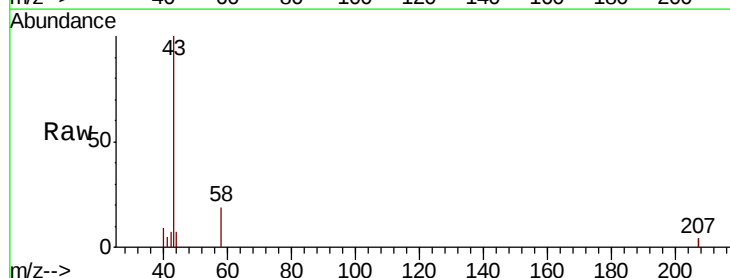
Acq: 01 Apr 2020 19:25

Tgt Ion: 43 Resp: 3089

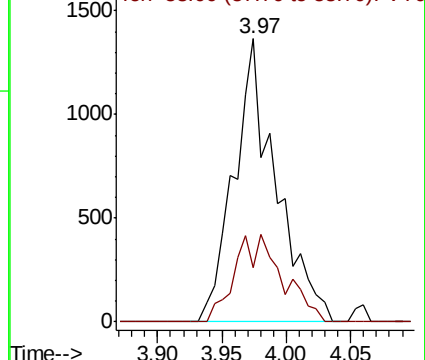
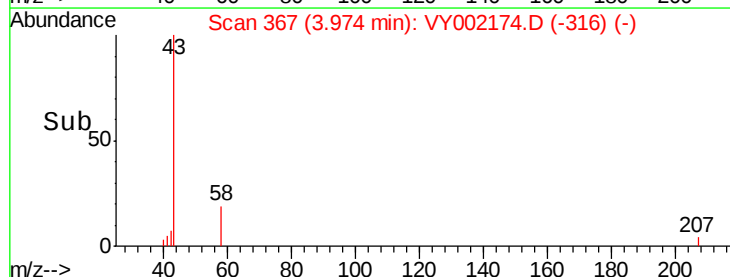
Ion Ratio Lower Upper

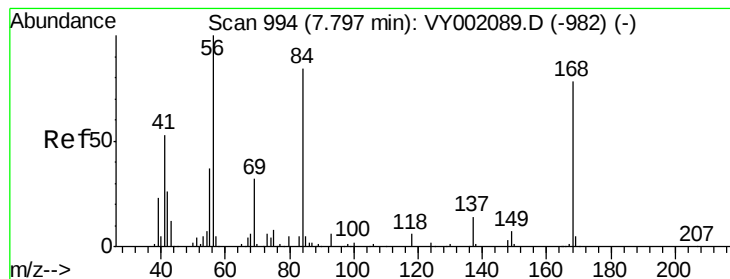
43 100

58 19.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002174.D (-316) (-)





#31

Cyclohexane

Concen: 1.051 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :
MSVOA_Y
ClientSampled :

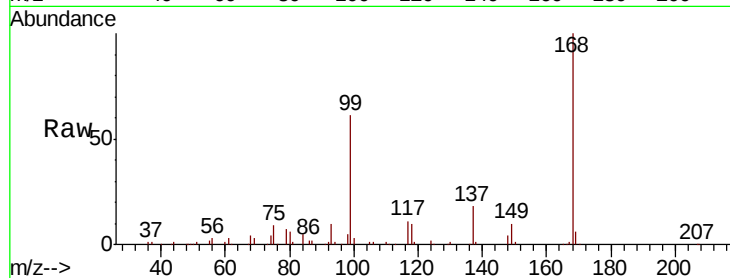
Tot Ion: 56 Resp: 2800

Ion Ratio Lower Upper

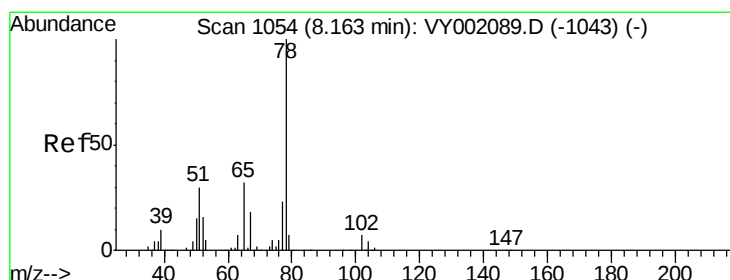
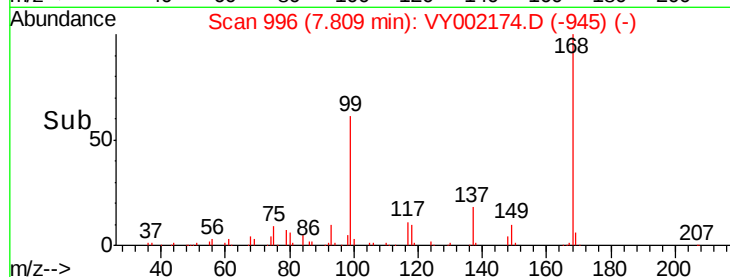
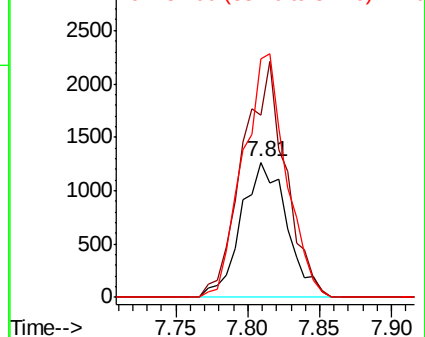
56 100

69 135.0 25.8 38.8#

84 176.6 67.1 100.7#



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: 57.830 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002174.D

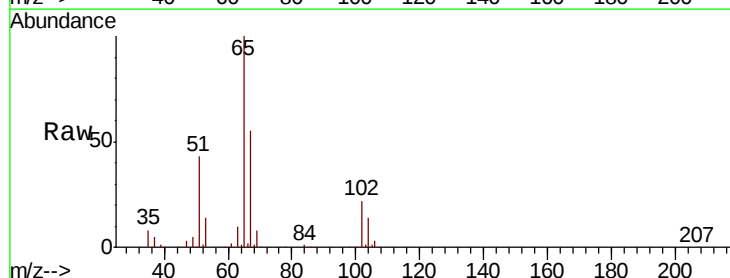
Acq: 01 Apr 2020 19:25

Tgt Ion: 65 Resp: 73976

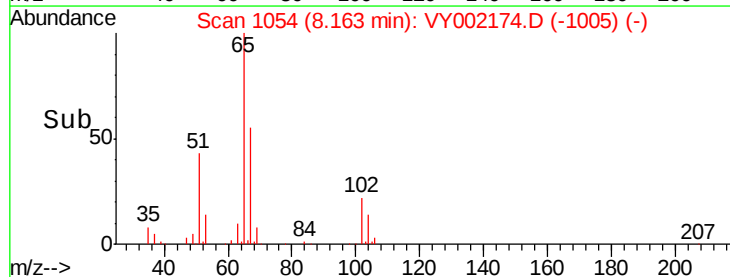
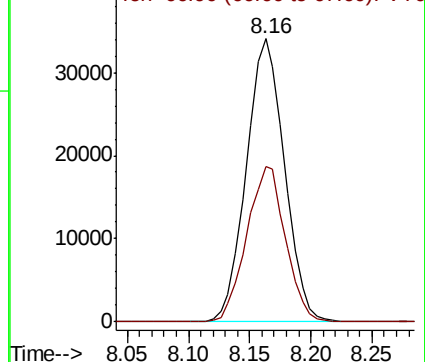
Ion Ratio Lower Upper

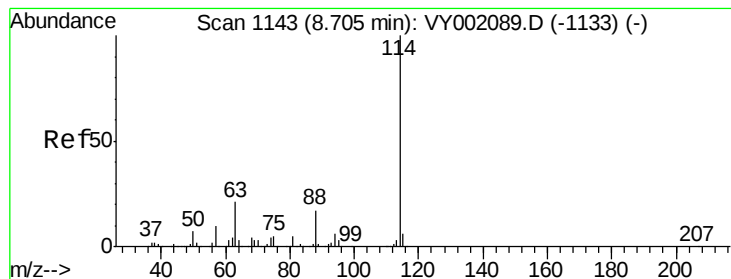
65 100

67 55.7 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# 1143

Delta R.T. 0.00 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

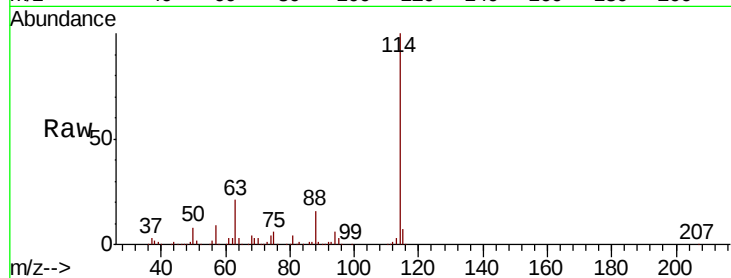
Tot Ion:114 Resp: 227524

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

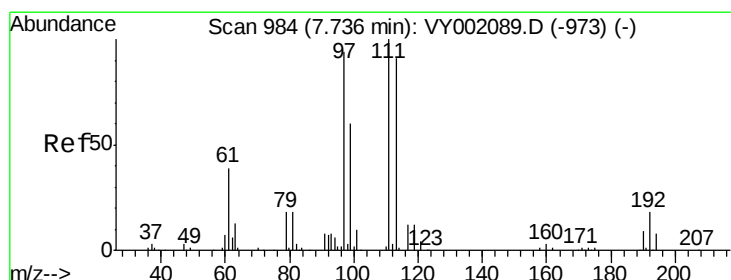
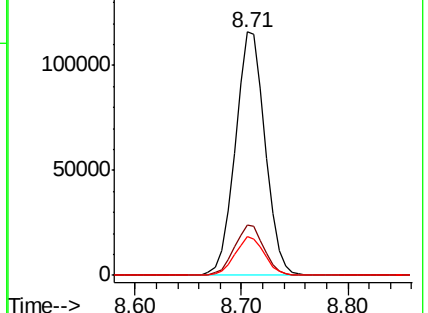
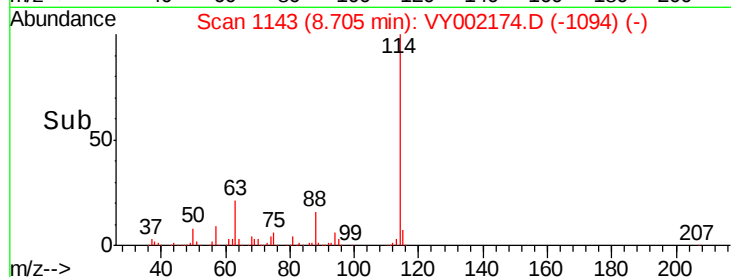
88 15.7 0.0 33.0



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: 53.977 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

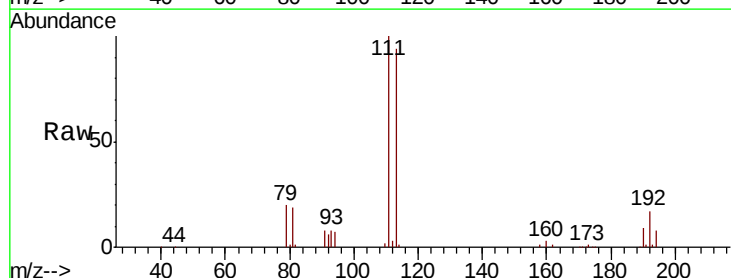
Tgt Ion:113 Resp: 68813

Ion Ratio Lower Upper

113 100

111 102.1 84.4 126.6

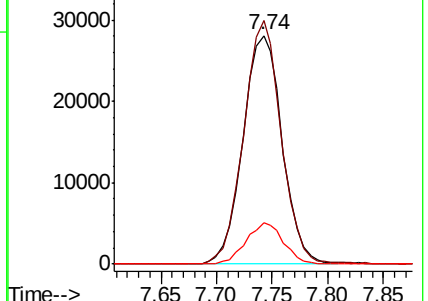
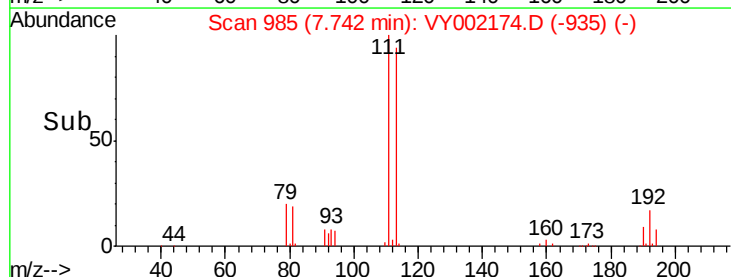
192 17.2 14.6 21.8

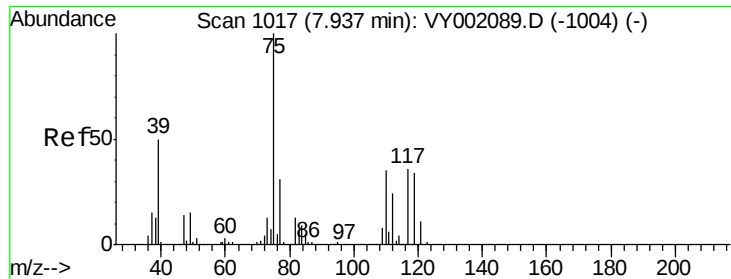


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

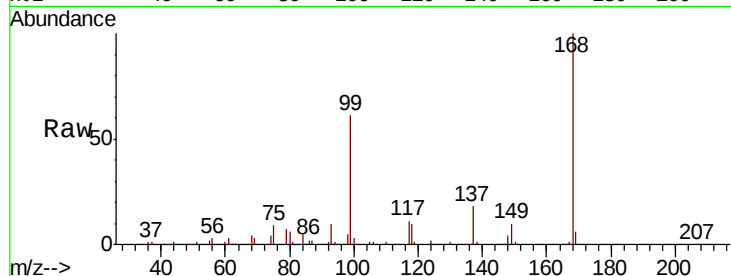




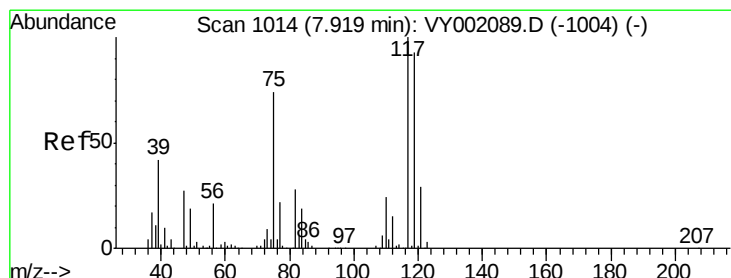
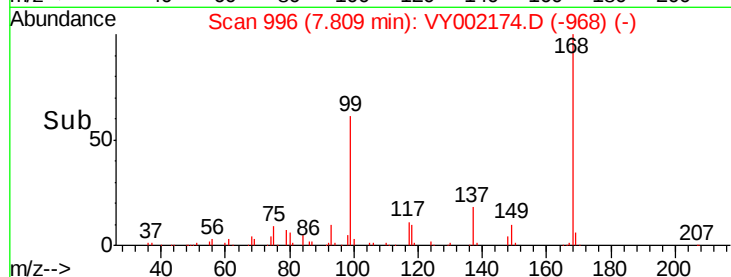
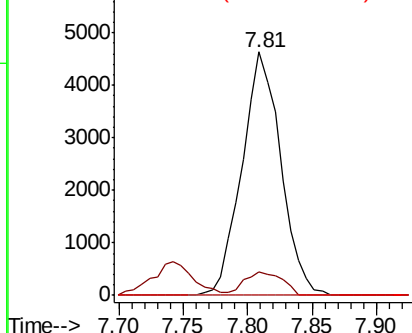
#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.2	51.6#
77	0.0	24.7	37.1#

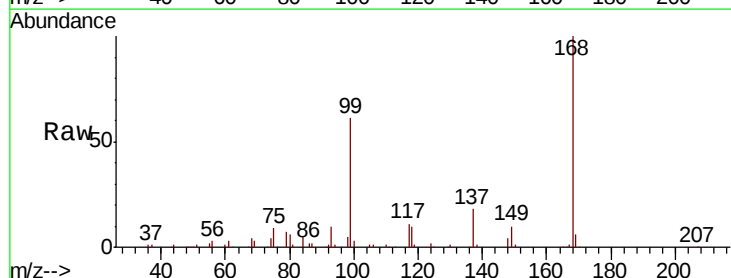


Abundance Ion 74.90 (74.60 to 75.60): VY002174.D (-968) (-)
 Ion 109.90 (109.60 to 110.60): VY002174.D (-968) (-)
 Ion 76.90 (76.60 to 77.60): VY002174.D (-968) (-)

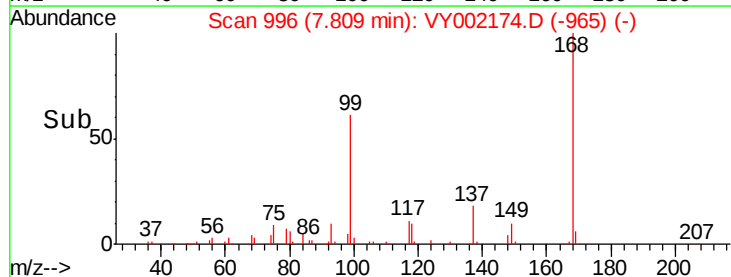
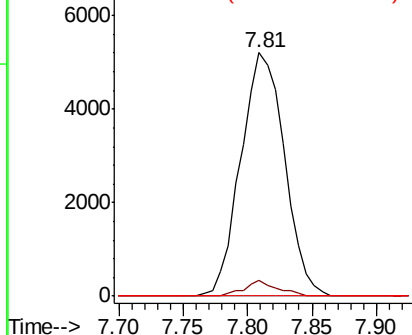


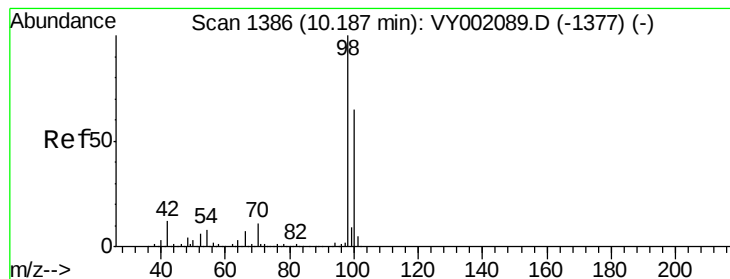
#38
 Carbon Tetrachloride
 Concen: 6.704 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.3	111.5#
121	0.0	23.3	34.9#



Abundance Ion 116.80 (116.50 to 117.50): VY002174.D (-965) (-)
 Ion 118.80 (118.50 to 119.50): VY002174.D (-965) (-)
 Ion 120.80 (120.50 to 121.50): VY002174.D (-965) (-)





#50

Toluene-d8

Concen: 52.679 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

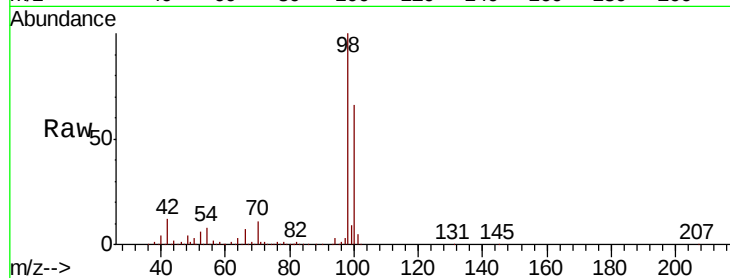
ClientSampleId :

Tot Ion: 98 Resp: 278992

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002174.D (-1337) (-)

10.19

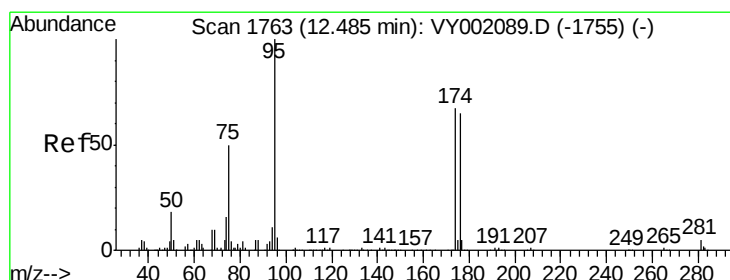
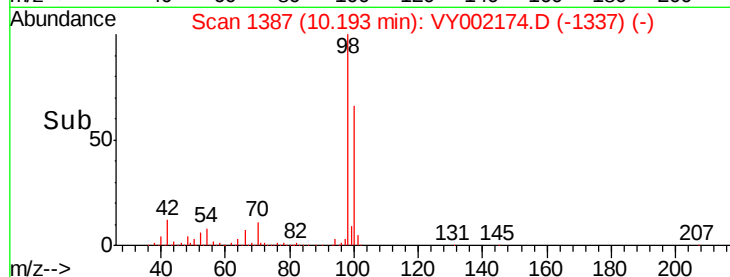
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.546 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

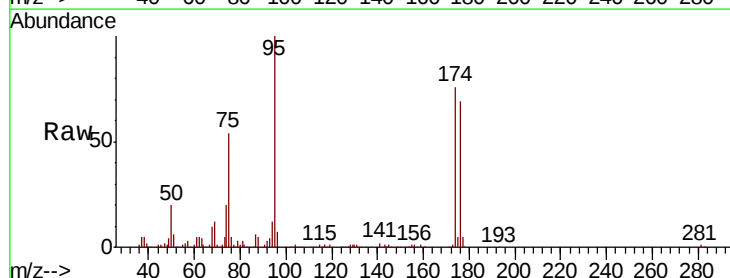
Tgt Ion: 95 Resp: 93621

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.4

176 70.9 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002174.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002174.D (-1714) (-)

12.49

80000

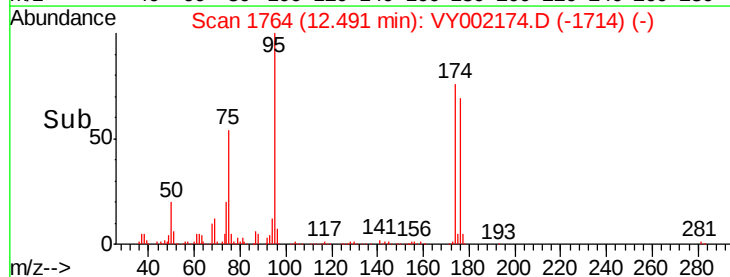
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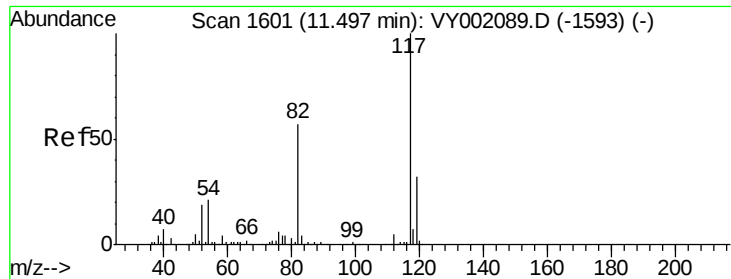
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20000

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Time-->

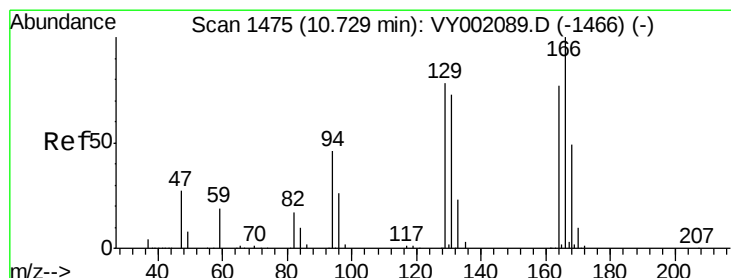
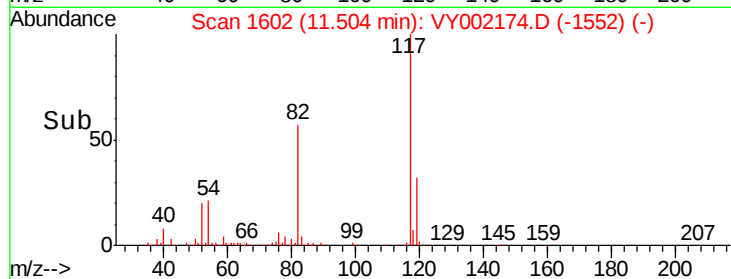
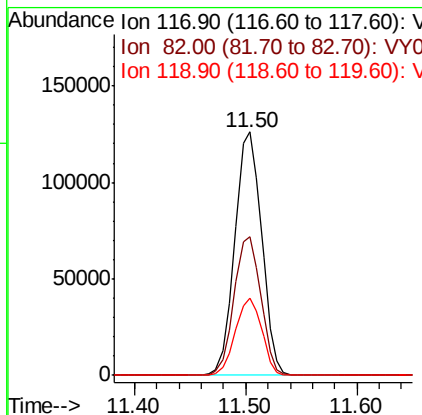
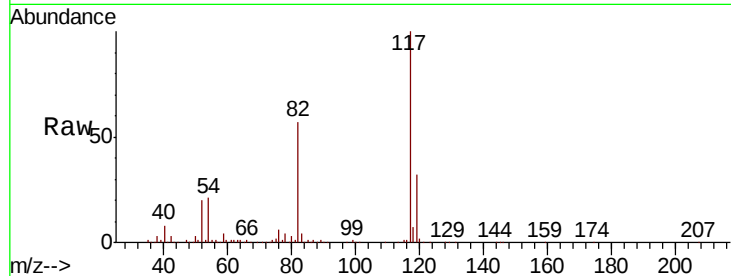




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

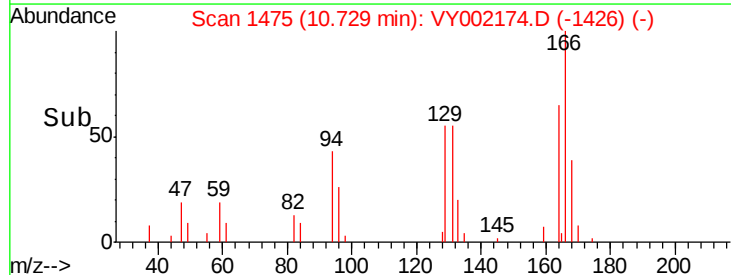
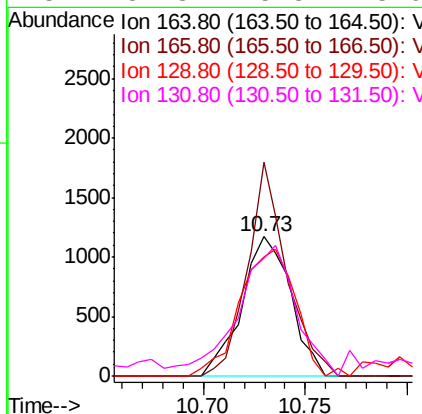
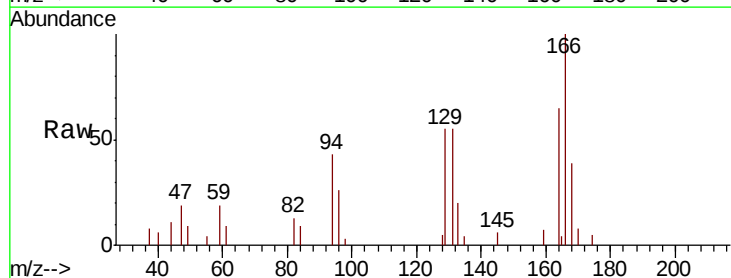
Instrument :
MSVOA_Y
ClientSampleId :

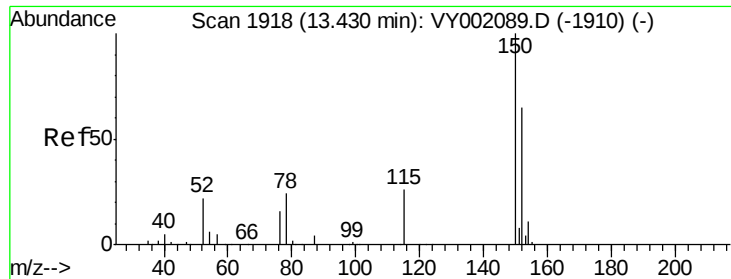
Tot Ion:117 Resp: 210577
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 1.516 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

Tgt Ion:164 Resp: 1953
Ion Ratio Lower Upper
164 100
166 153.4 104.0 156.0
129 85.1 81.2 121.8
131 84.3 75.8 113.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

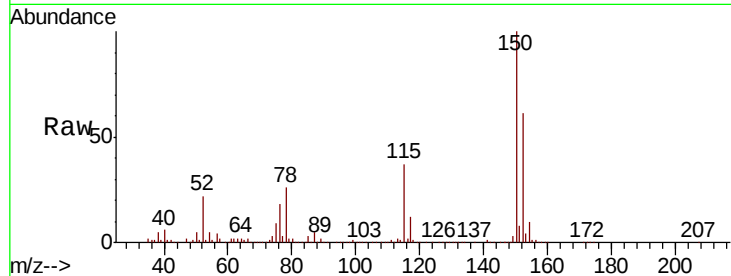
Tot Ion:152 Resp: 88641

Ion Ratio Lower Upper

152 100

115 60.6 31.2 93.6

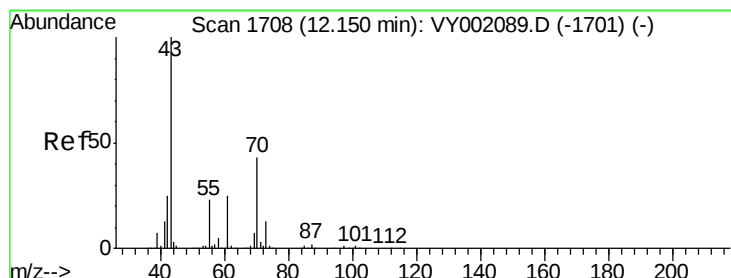
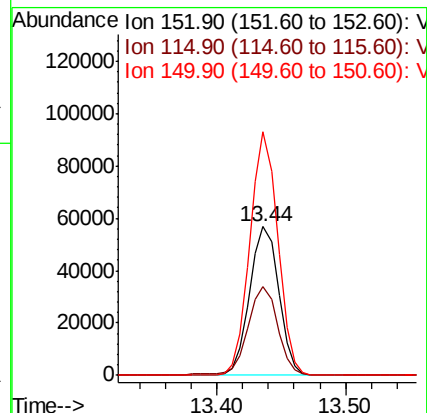
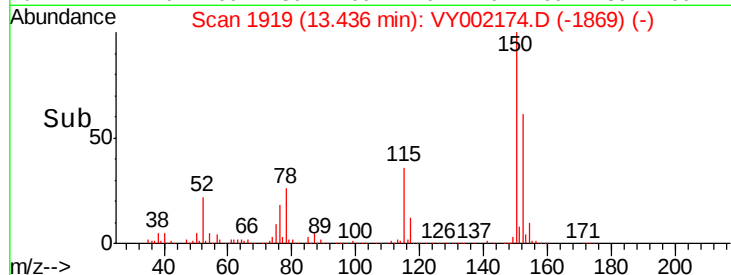
150 156.3 0.0 354.8



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



#74

N-ethyl acetate

Concen: 1.579 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Tgt Ion: 43 Resp: 3274

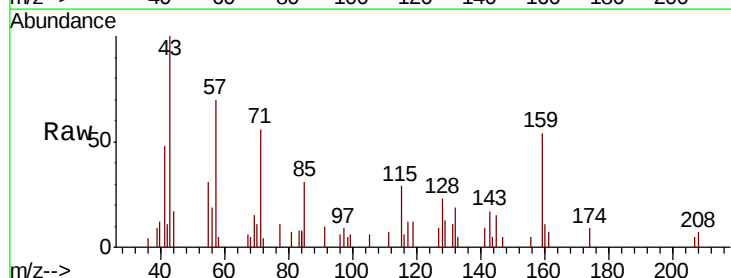
Ion Ratio Lower Upper

43 100

70 6.0 35.0 52.4#

55 5.4 18.7 28.1#

61 0.0 20.2 30.2#

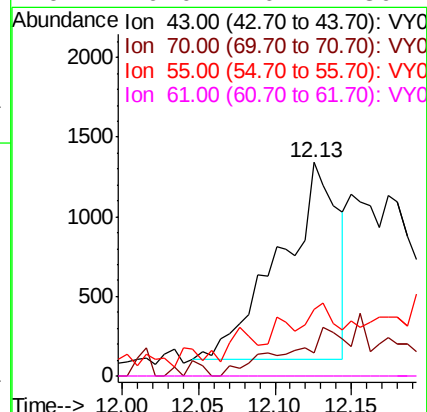
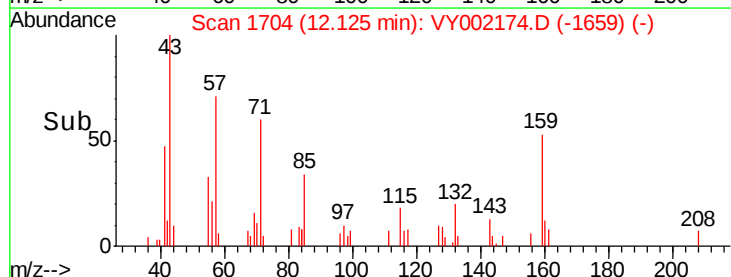


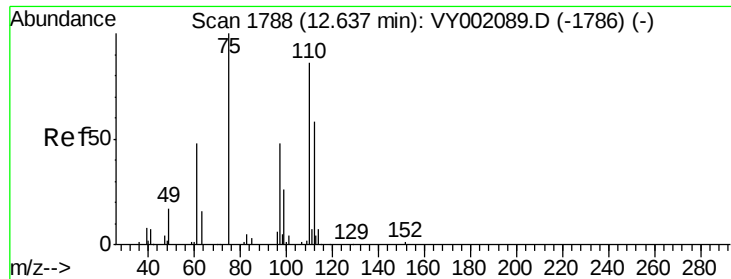
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

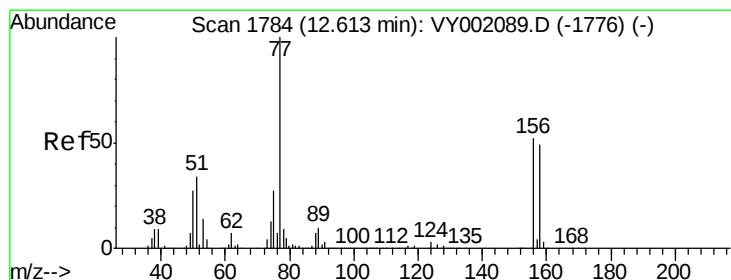
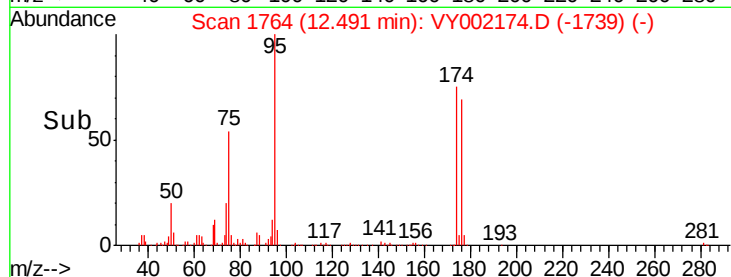
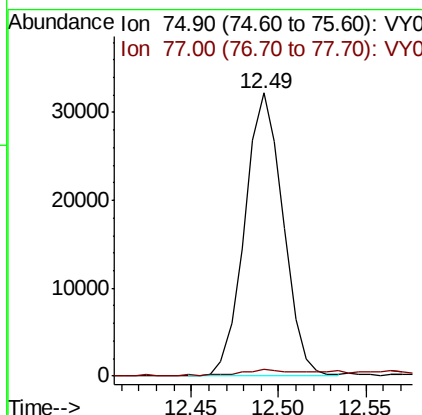
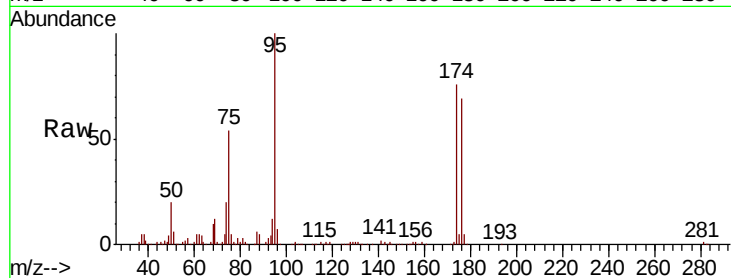




#76
 1,2,3-Trichloropropane
 Concen: 49.633 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

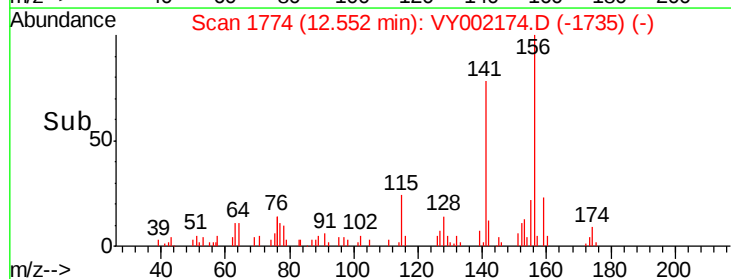
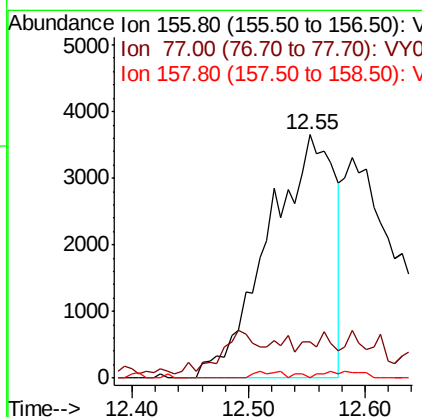
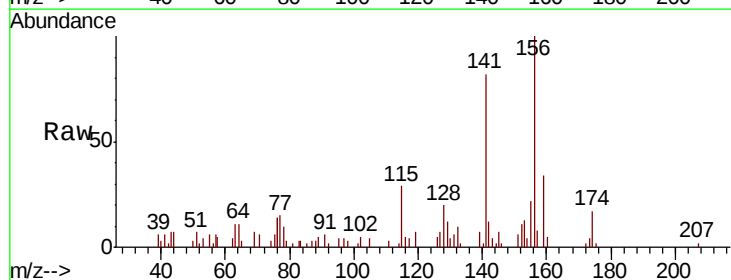
Instrument :
 MSVOA_Y
 ClientSampleId :

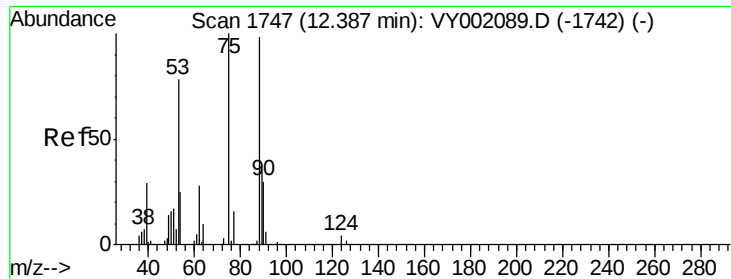
Tot Ion: 75 Resp: 49213
 Ion Ratio Lower Upper
 75 100
 77 3.1 0.0 0.0#



#77
 Bromobenzene
 Concen: 10.248 ug/l
 RT: 12.55 min Scan# 1774
 Delta R.T. -0.06 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

Tgt Ion: 156 Resp: 14385
 Ion Ratio Lower Upper
 156 100
 77 0.0 107.8 323.6#
 158 0.0 47.5 142.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 96.157 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 49213

Ion Ratio Lower Upper

75 100

53 0.3 65.0 97.4#

89 0.0 33.4 50.0#

