

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001279.D
 Acq On : 17 Jan 2020 20:31
 Operator : SY/MD
 Sample : L1154-01
 Misc : 7.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-0-15

Quant Time: Jan 18 03:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	187395	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	335539	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	262997	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	78227	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	104253	52.67	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.76	113	101696	51.76	ug/l	0.04
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.21	98	386186	51.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.50	95	102557	33.14	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.28%	

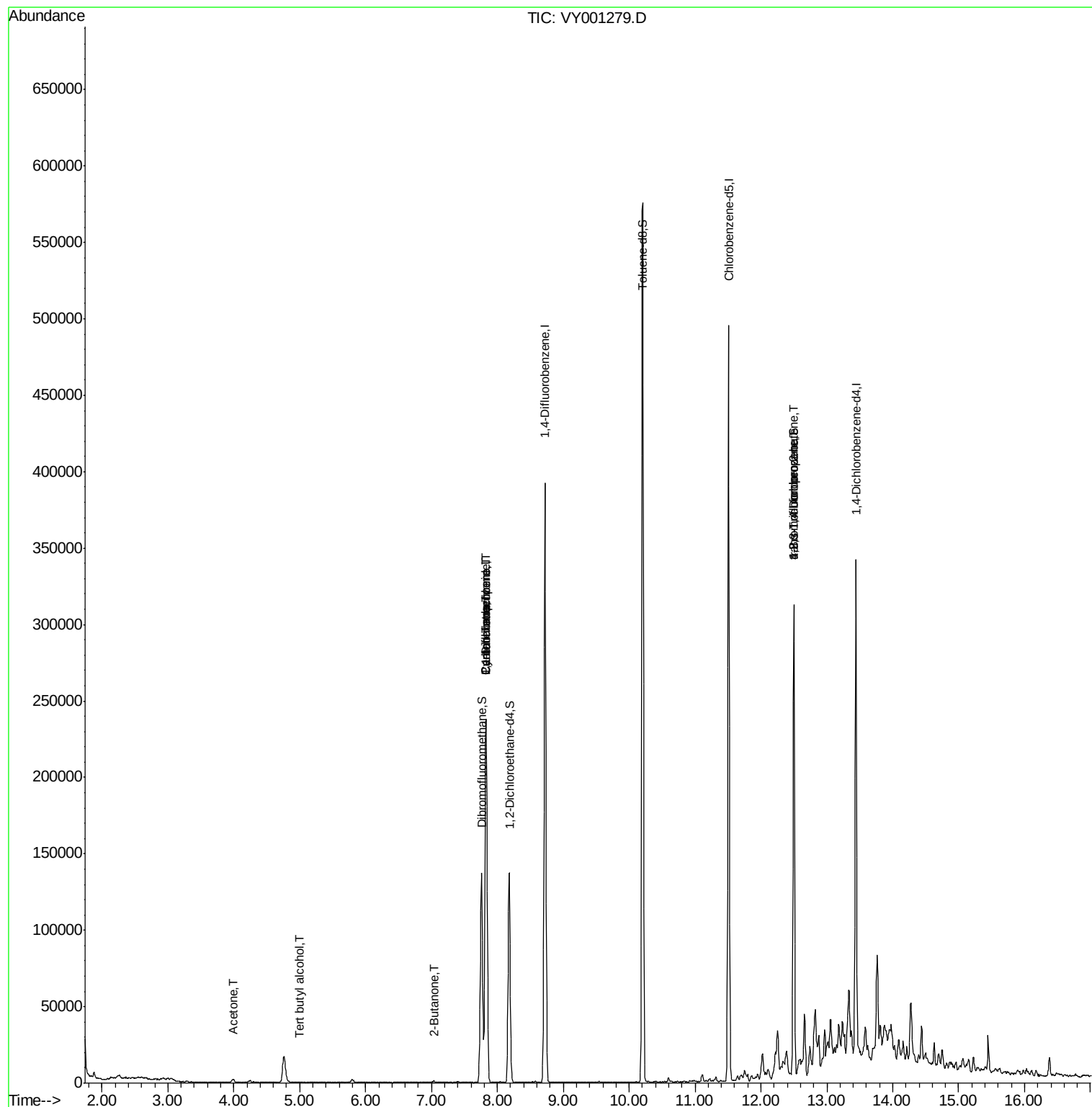
Target Compounds						Qvalue
11) Tert butyl alcohol	5.00	59	311	1.56	ug/l #	73
16) Acetone	3.99	43	3492	7.60	ug/l	94
25) 2-Butanone	7.03	43	842	1.18	ug/l	95
31) Cyclohexane	7.83	56	4010	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14747	4.82	ug/l #	49
38) Carbon Tetrachloride	7.83	117	18459	6.59	ug/l #	14
76) 1,2,3-Trichloropropane	12.50	75	49785	59.45	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	49785	100.81	ug/l #	7

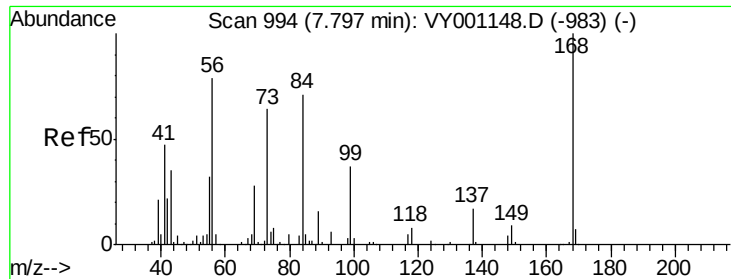
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 03:27:15 2020
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampled :

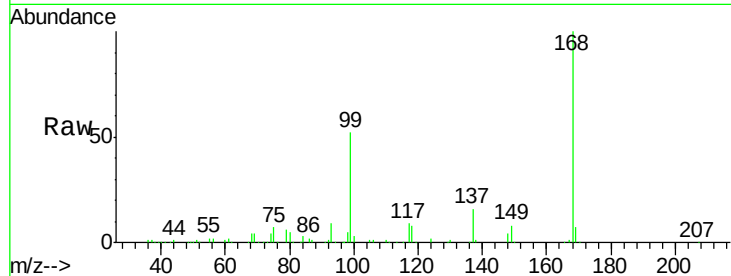
B4-0-15

Tgt Ion: 168 Resp: 187395

Ion Ratio Lower Upper

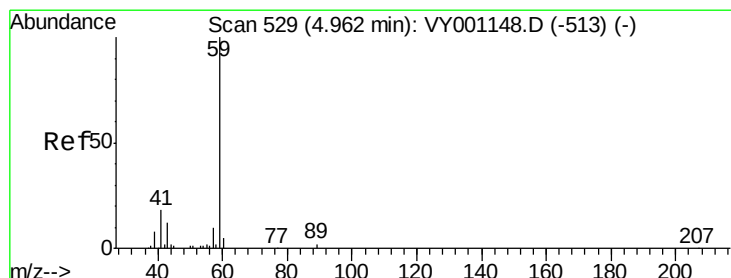
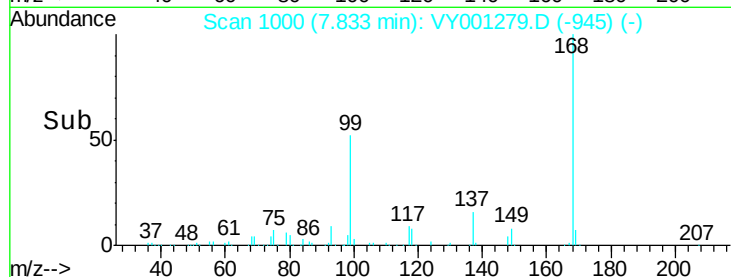
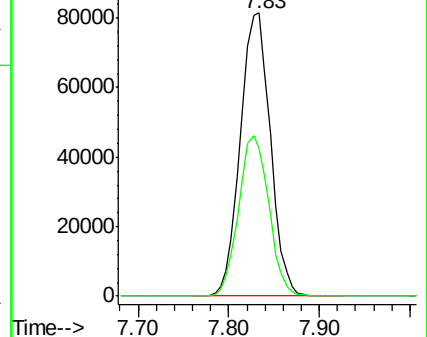
168 100

99 52.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#11

Tert butyl alcohol

Concen: 1.56 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.04 min

Lab File: VY001279.D

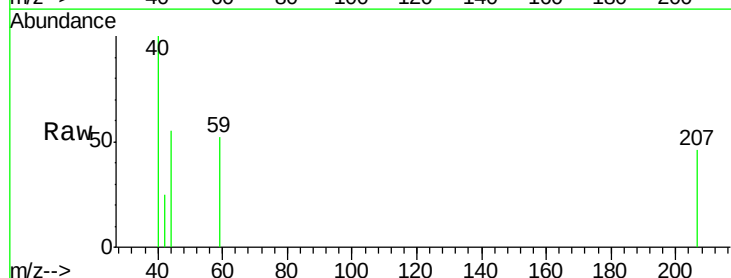
Acq: 17 Jan 2020 20:31

Tgt Ion: 59 Resp: 311

Ion Ratio Lower Upper

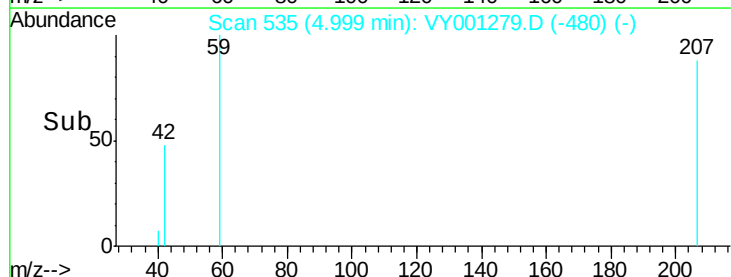
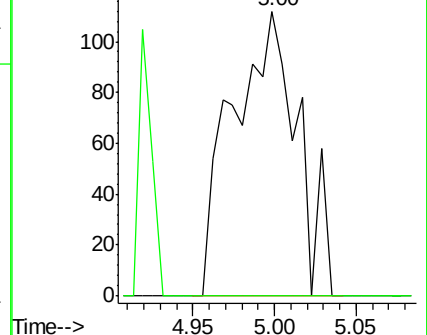
59 100

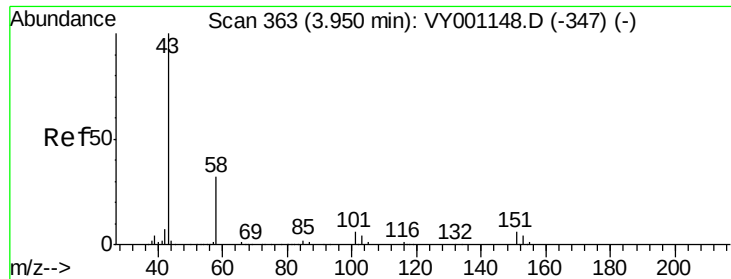
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)





#16

Acetone

Concen: 7.60 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampled :

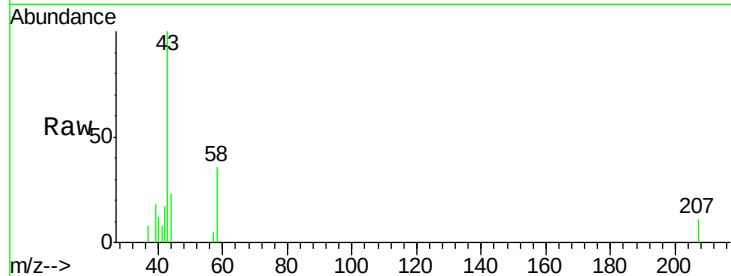
B4-0-15

Tgt Ion: 43 Resp: 3492

Ion Ratio Lower Upper

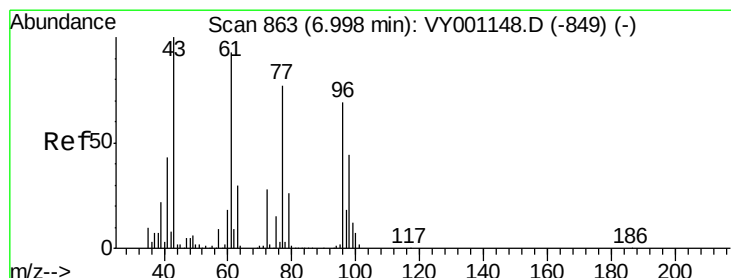
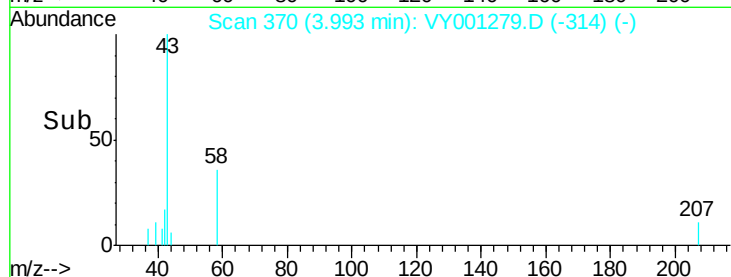
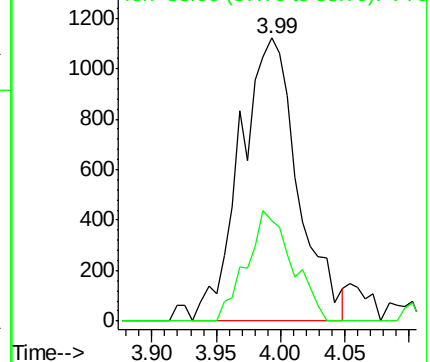
43 100

58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 1.18 ug/l

RT: 7.03 min Scan# 869

Delta R.T. 0.04 min

Lab File: VY001279.D

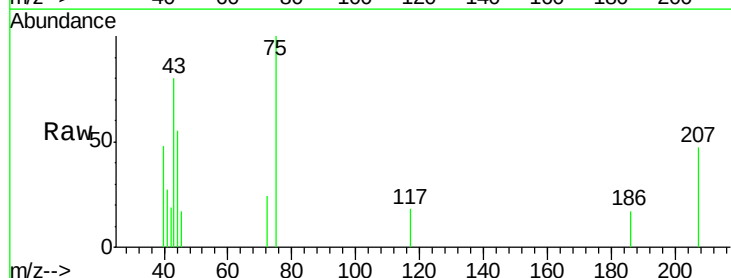
Acq: 17 Jan 2020 20:31

Tgt Ion: 43 Resp: 842

Ion Ratio Lower Upper

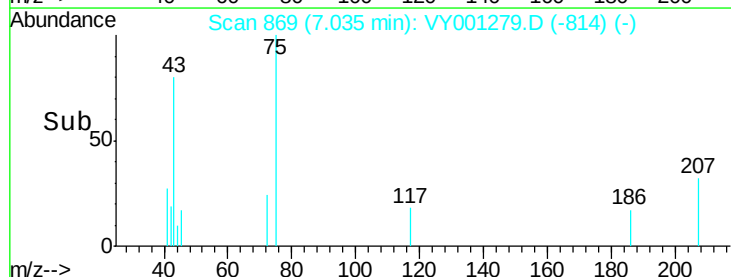
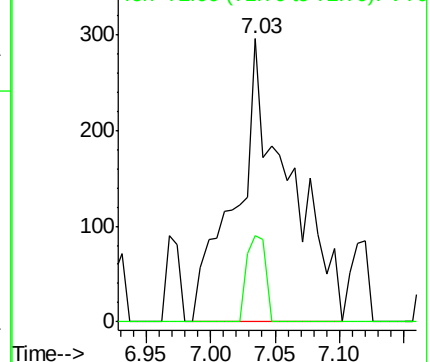
43 100

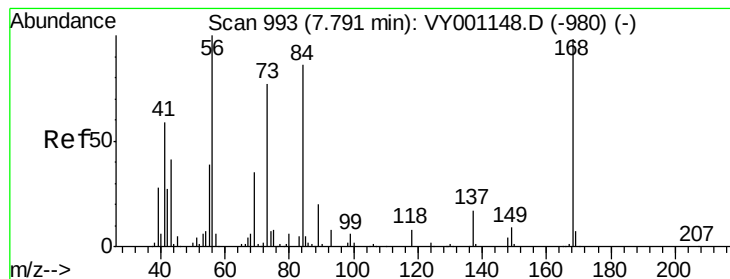
72 30.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.04 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

B4-0-15

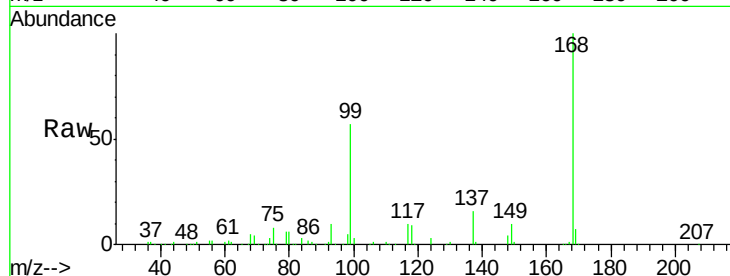
Tgt Ion: 56 Resp: 4010

Ion Ratio Lower Upper

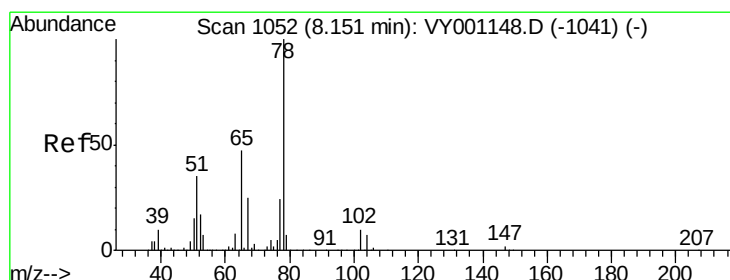
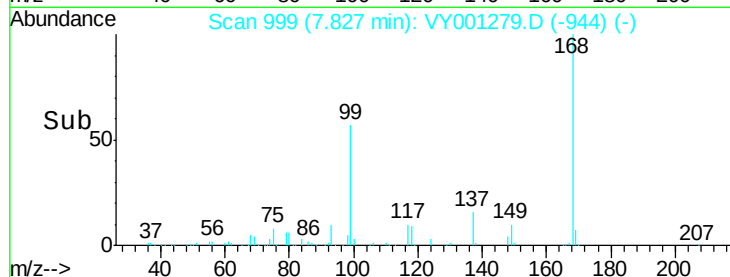
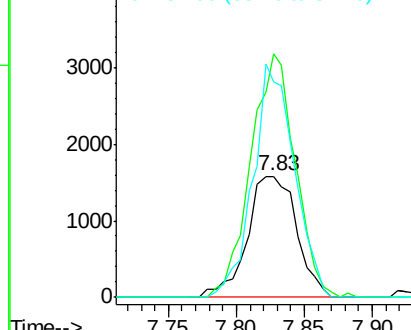
56 100

69 201.4 27.8 41.8#

84 178.3 68.9 103.3#



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: 52.67 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001279.D

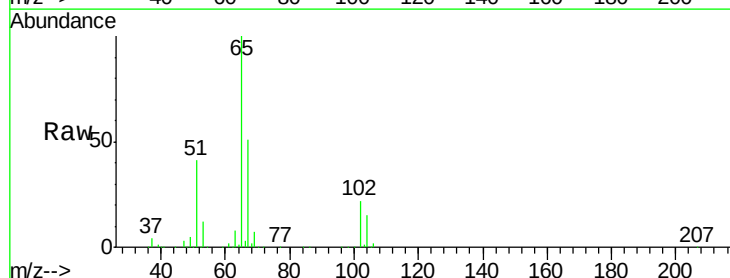
Acq: 17 Jan 2020 20:31

Tgt Ion: 65 Resp: 104253

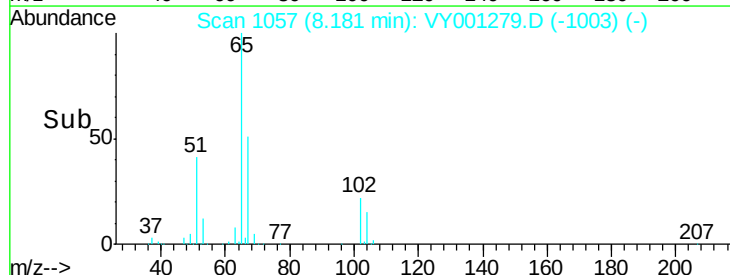
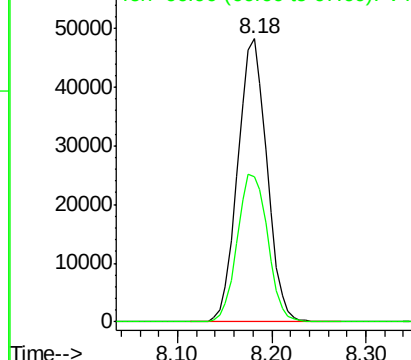
Ion Ratio Lower Upper

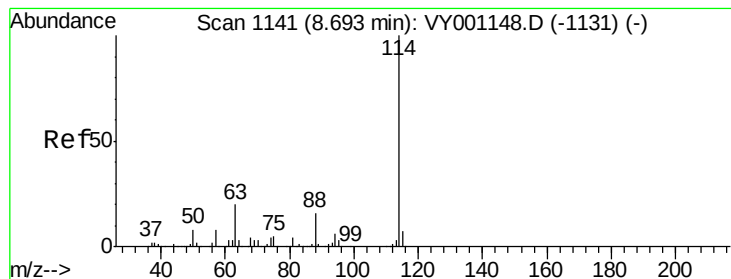
65 100

67 54.4 0.0 105.2



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

B4-0-15

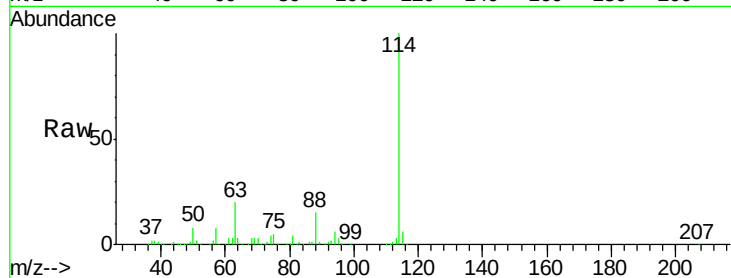
Tgt Ion:114 Resp: 335539

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

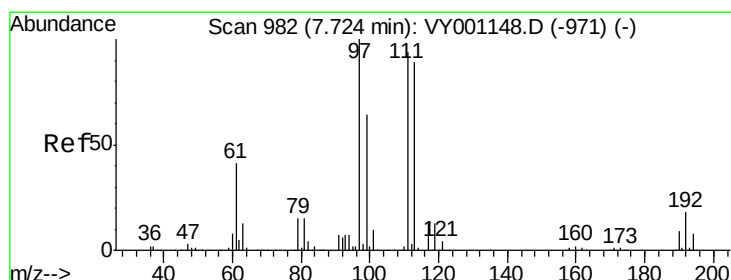
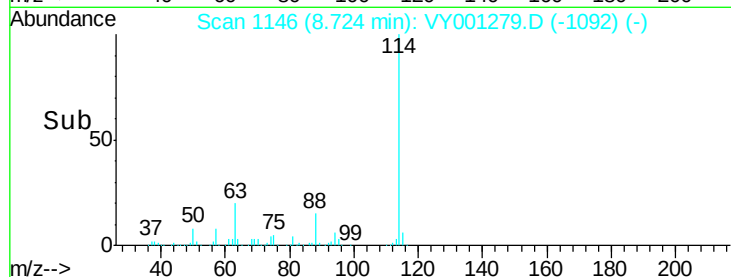
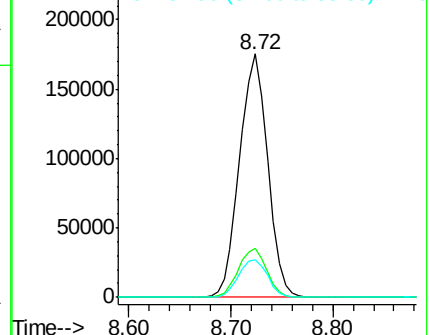
88 15.2 0.0 32.4



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: 51.76 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

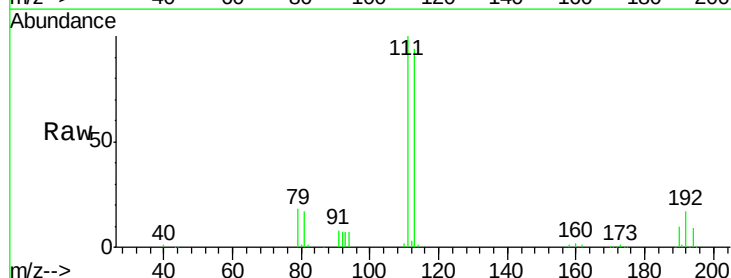
Tgt Ion:113 Resp: 101696

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

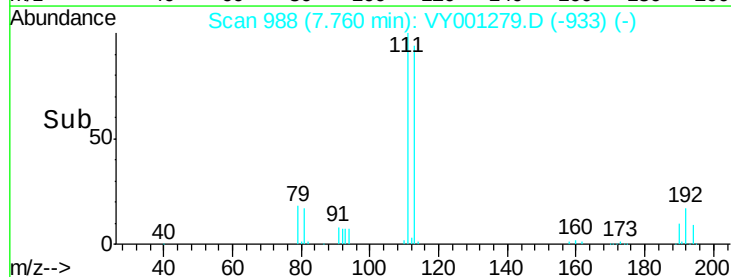
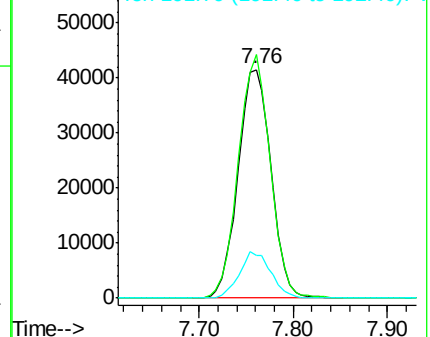
192 19.4 15.4 23.2

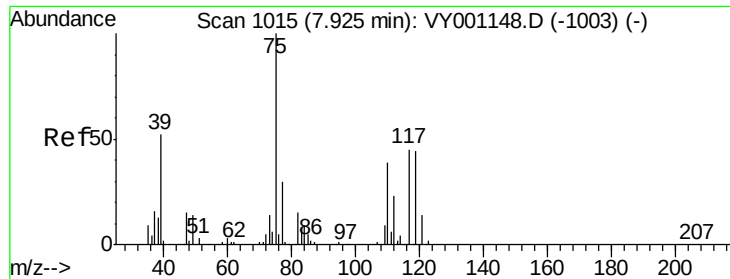


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

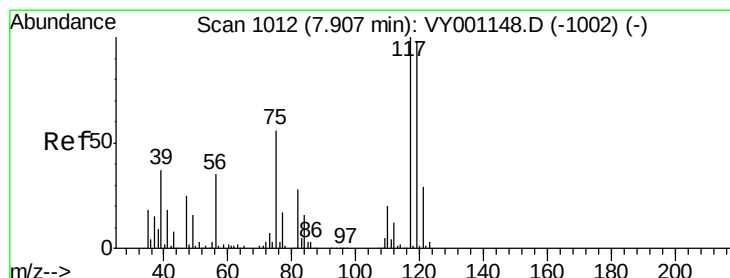
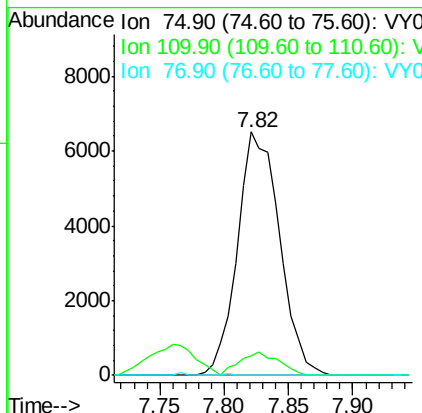
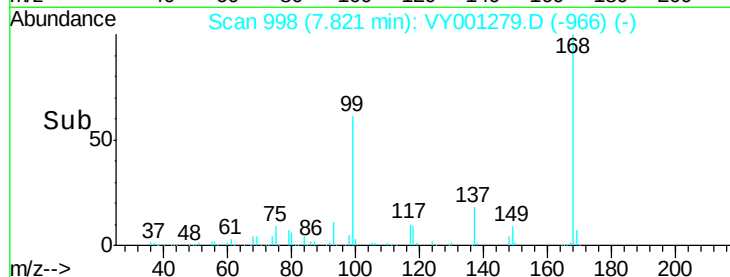
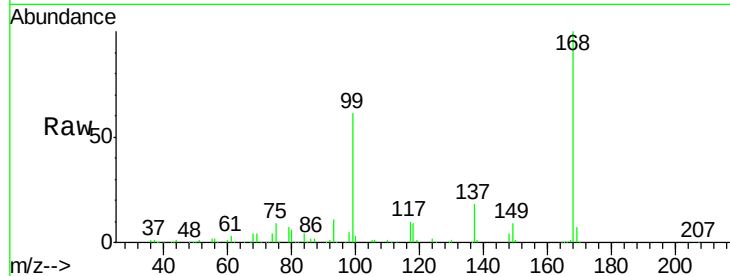




#36
 1,1-Dichloropropene
 Concen: 4.82 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001279.D
 Acq: 17 Jan 2020 20:31

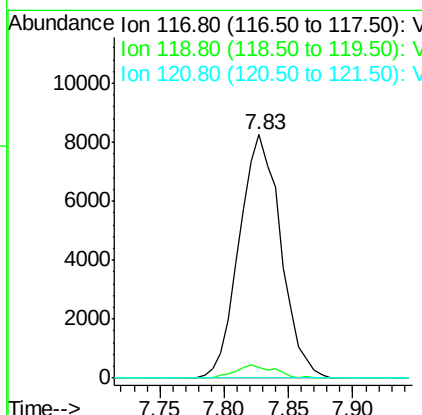
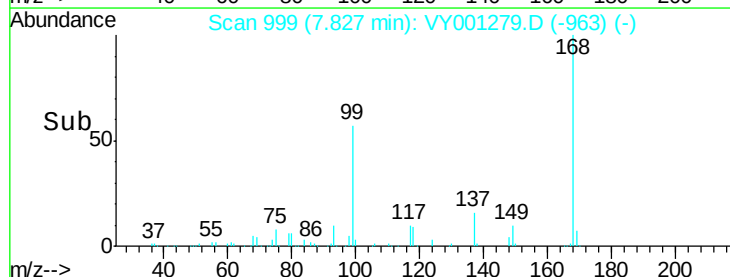
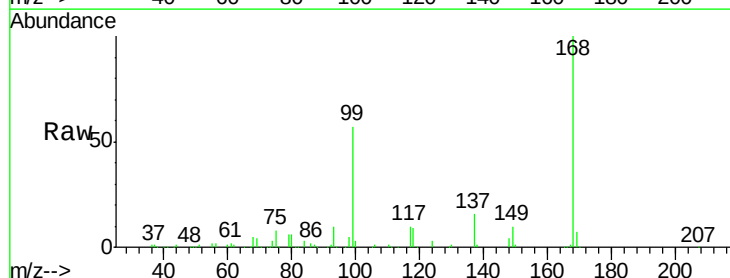
Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-0-15

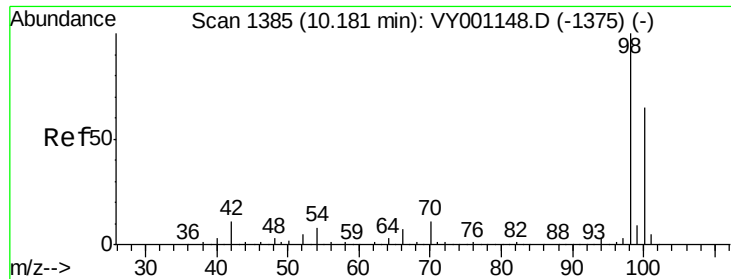
Tgt Ion: 75 Resp: 14747
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.59 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.08 min
 Lab File: VY001279.D
 Acq: 17 Jan 2020 20:31

Tgt Ion: 117 Resp: 18459
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.02 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

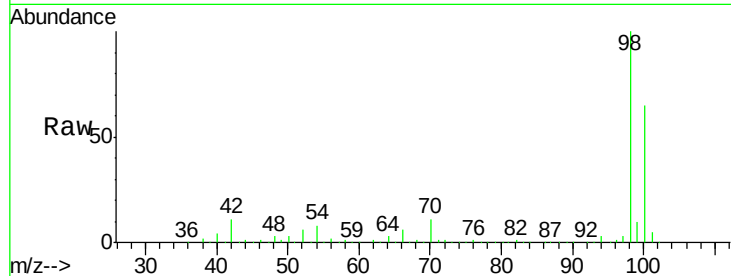
B4-0-15

Tgt Ion: 98 Resp: 386186

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.21

200000

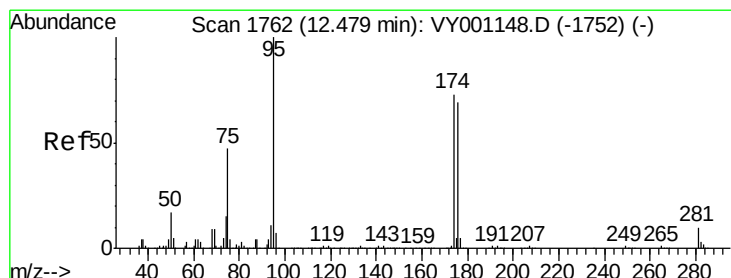
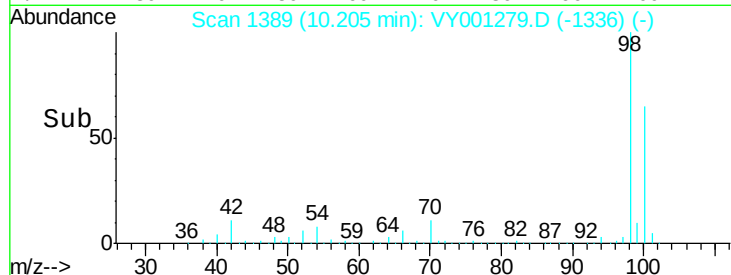
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.14 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

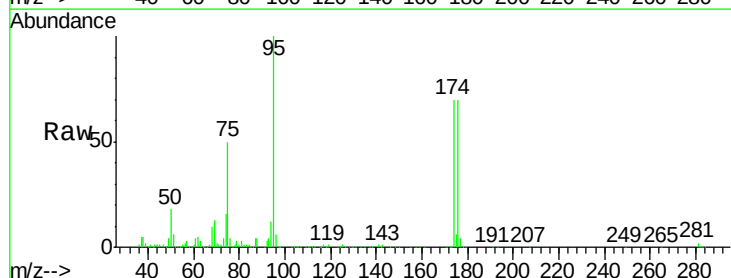
Tgt Ion: 95 Resp: 102557

Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.2

176 70.6 0.0 136.0



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

12.50

80000

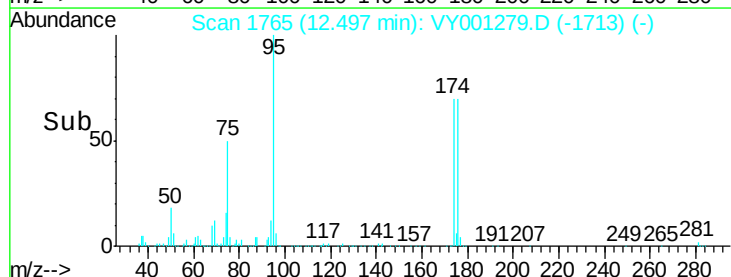
60000

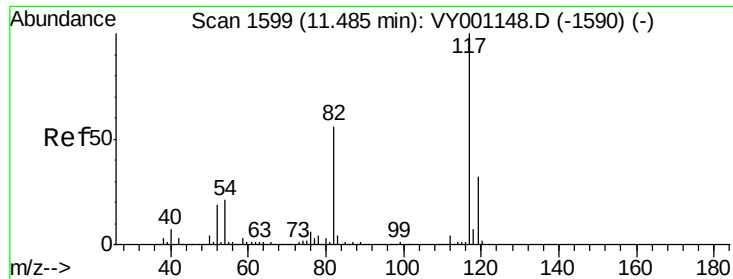
40000

20000

0

Time-->

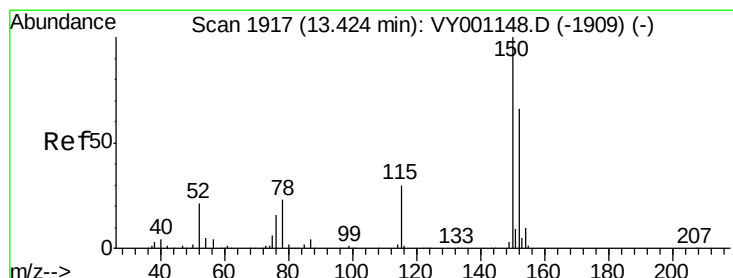
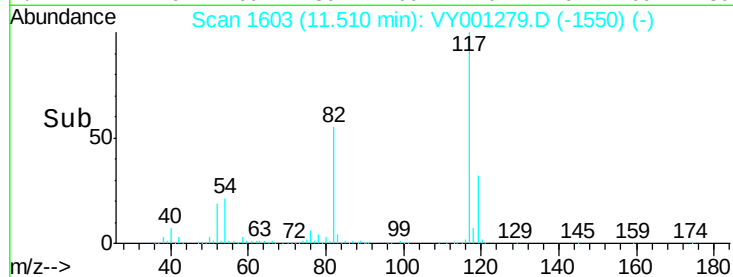
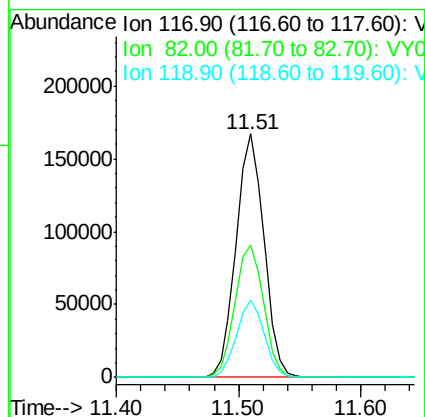
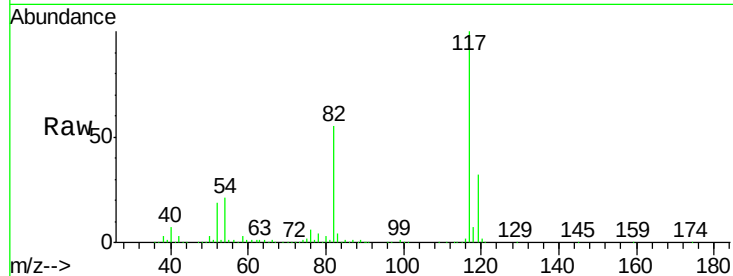




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001279.D
Acq: 17 Jan 2020 20:31

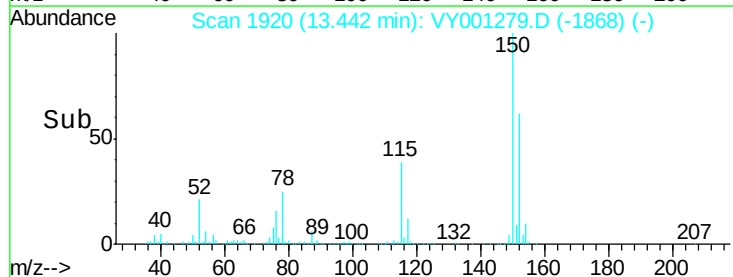
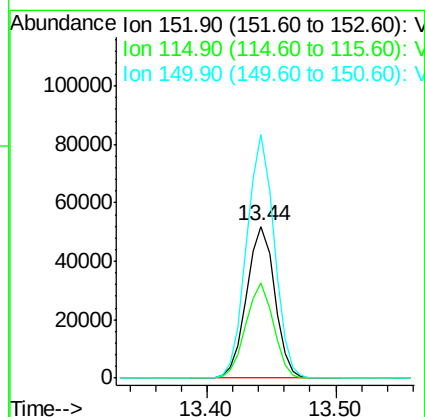
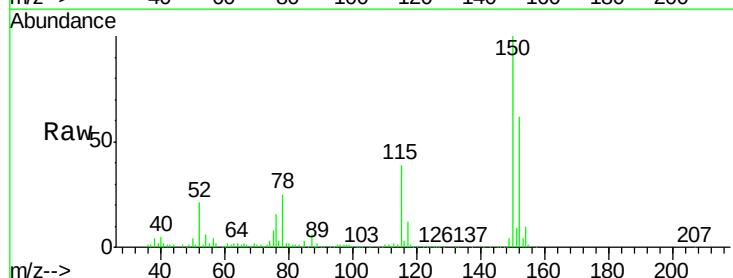
Instrument :
MSVOA_Y
ClientSampleId :
B4-0-15

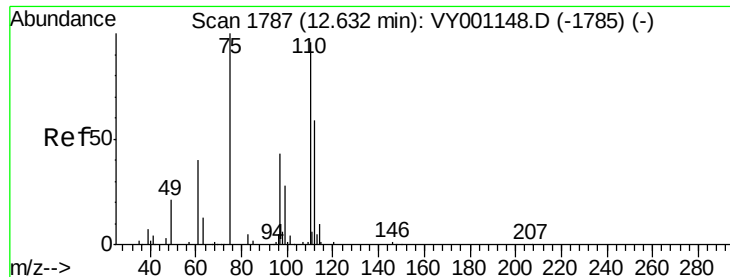
Tgt Ion:117 Resp: 262997
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001279.D
Acq: 17 Jan 2020 20:31

Tgt Ion:152 Resp: 78227
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.5
150 157.1 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 59.45 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_Y

ClientSampled :

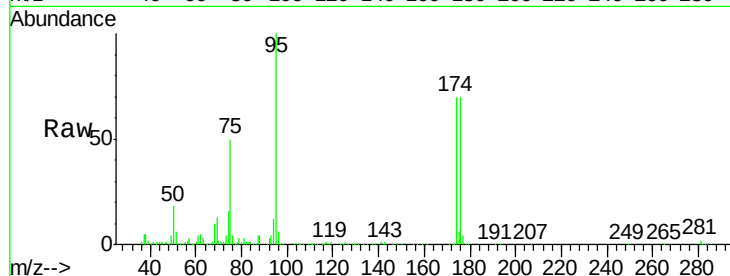
B4-0-15

Tgt Ion: 75 Resp: 49785

Ion Ratio Lower Upper

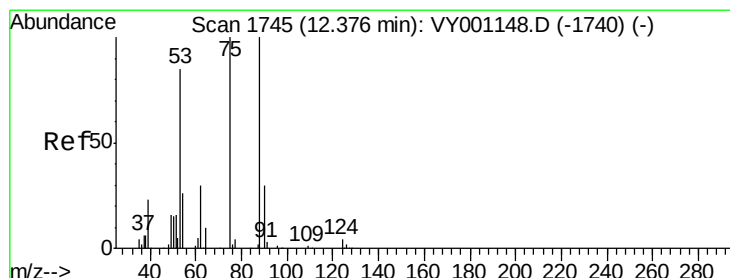
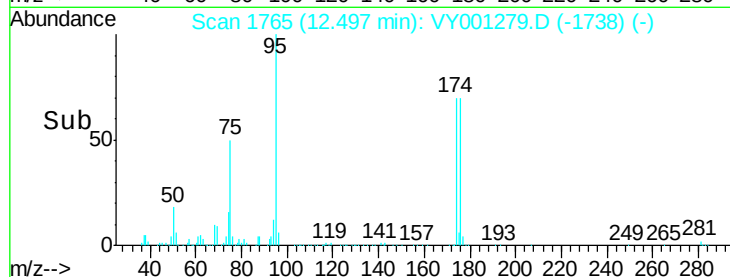
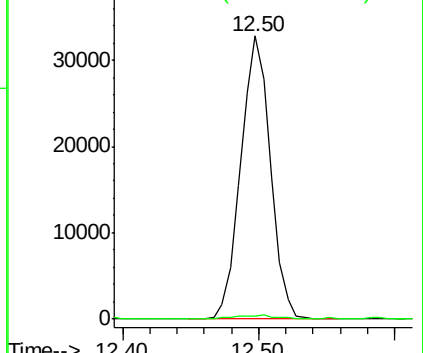
75 100

77 2.0 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: 100.81 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001279.D

Acq: 17 Jan 2020 20:31

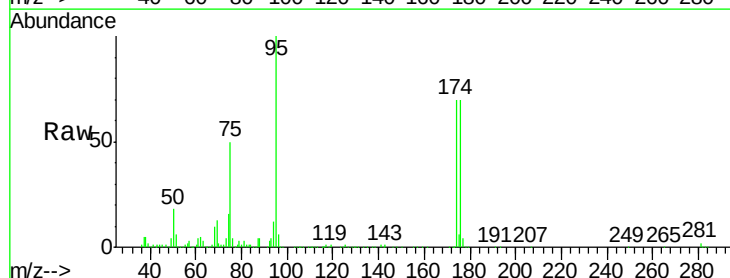
Tgt Ion: 75 Resp: 49785

Ion Ratio Lower Upper

75 100

53 0.7 69.4 104.2#

89 0.1 0.0 0.0#



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

