

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001282.D
 Acq On : 17 Jan 2020 21:37
 Operator : SY/MD
 Sample : L1154-07
 Misc : 7.65G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-15-20

Quant Time: Jan 18 03:27:45 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	190555	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	339828	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	294552	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	107620	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	106715	53.02	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	7.76	113	102192	51.36	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.21	98	401429	52.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.50	95	125564	40.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.12%	

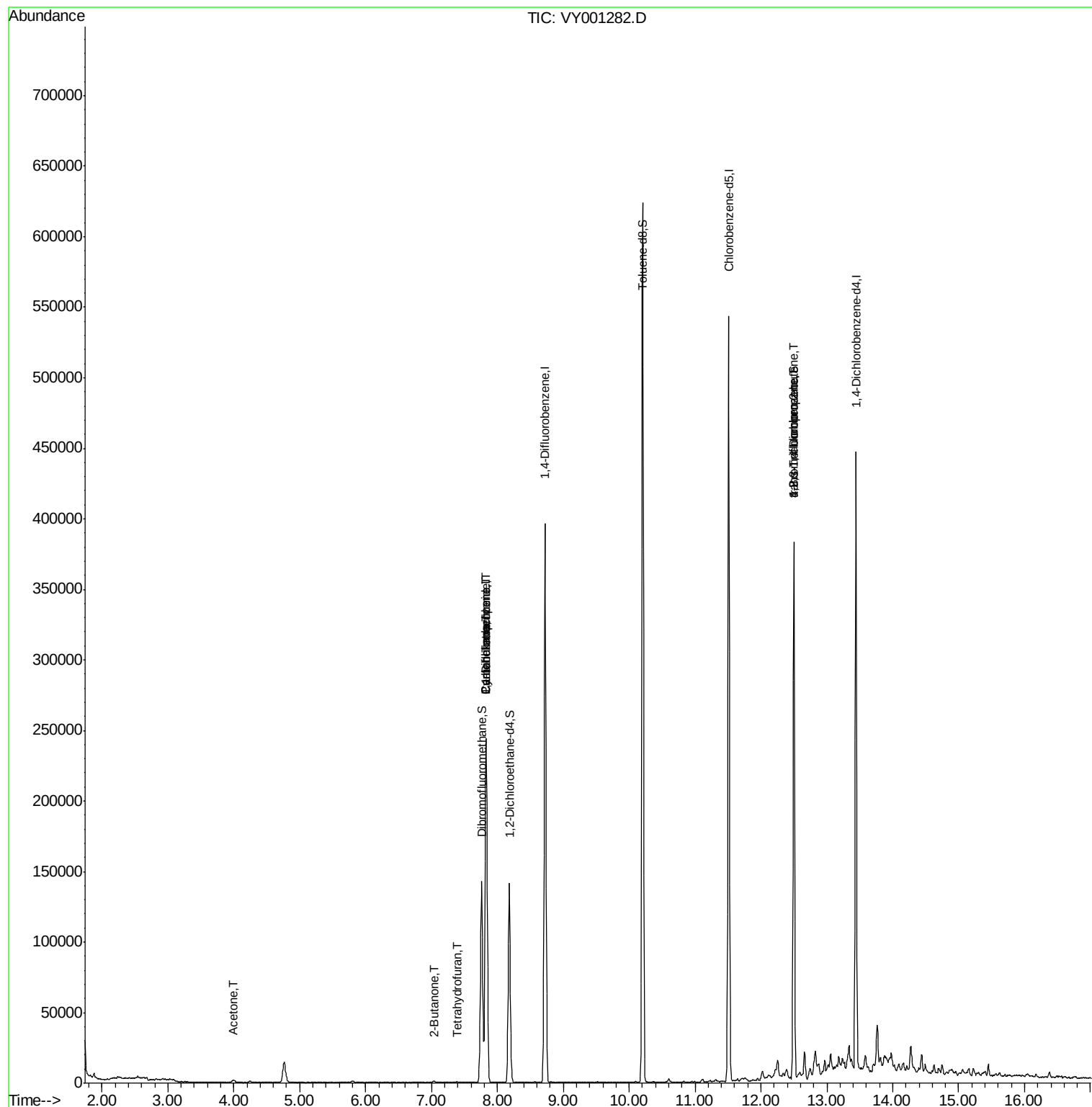
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.99	43	3627	7.76	ug/l	94
20) Methylene Chloride	4.77	84	11169	Below Cal		96
25) 2-Butanone	7.04	43	820	1.13	ug/l	93
29) Tetrahydrofuran	7.39	42	564	1.13	ug/l #	54
31) Cyclohexane	7.83	56	4061	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	14524	4.69	ug/l #	49
38) Carbon Tetrachloride	7.83	117	18102	6.38	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	62582	54.32	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	62582	92.12	ug/l #	6

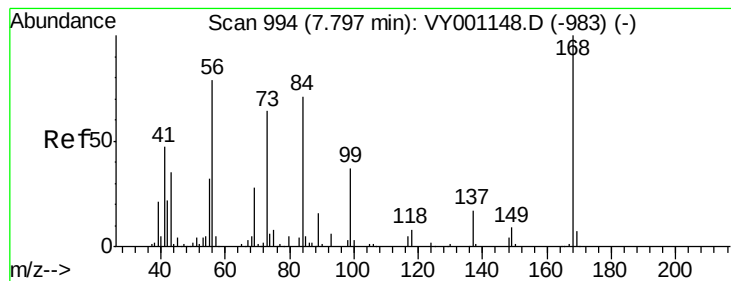
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001282.D

Acq: 17 Jan 2020 21:37

Instrument :

MSVOA_Y

ClientSampleId :

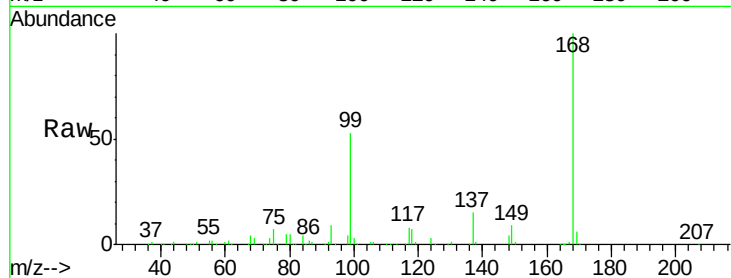
B3-15-20

Tgt Ion:168 Resp: 190555

Ion Ratio Lower Upper

168 100

99 53.1 47.9 71.9

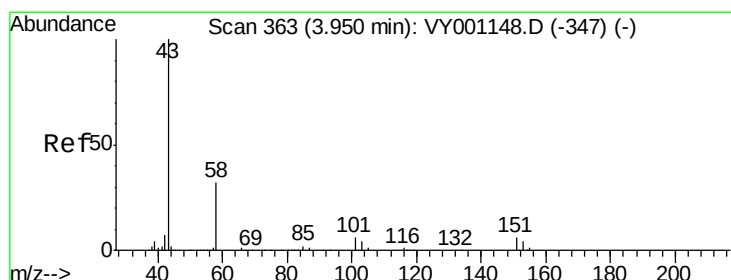
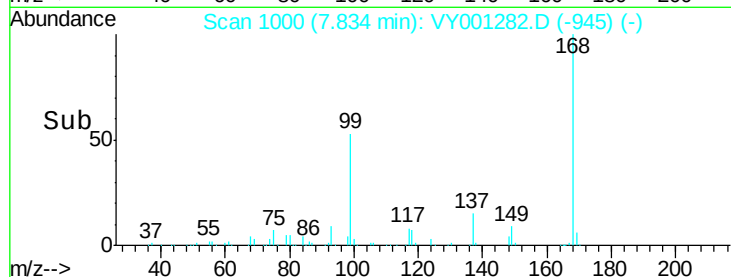


Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

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

7.83

Time-->



#16

Acetone

Concen: 7.76 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001282.D

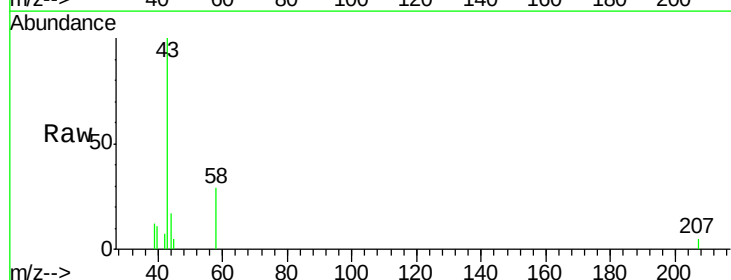
Acq: 17 Jan 2020 21:37

Tgt Ion: 43 Resp: 3627

Ion Ratio Lower Upper

43 100

58 28.8 25.8 38.6

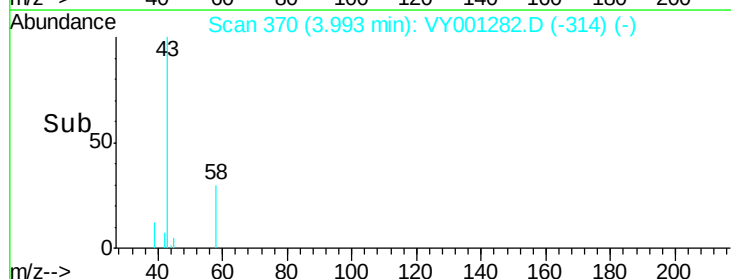


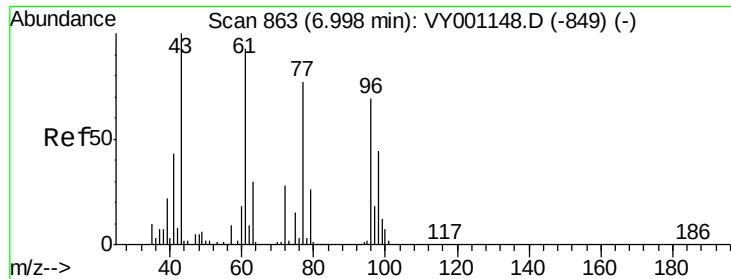
Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.99

Time-->





#25

2-Butanone

Concen: 1.13 ug/l

RT: 7.04 min Scan# 870

Delta R.T. 0.04 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

Instrument :

MSVOA_Y

ClientSampled :

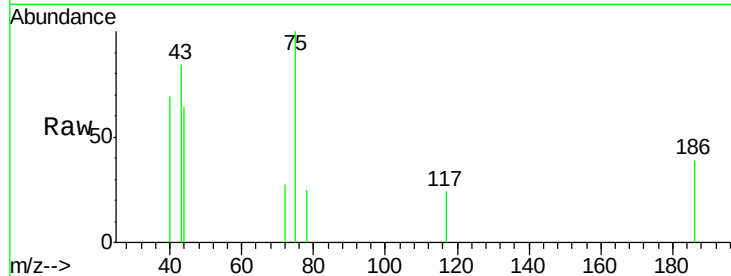
B3-15-20

Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

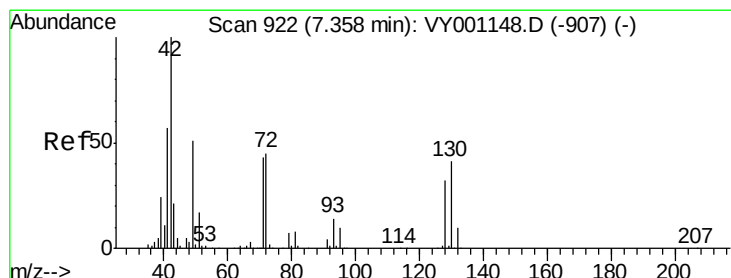
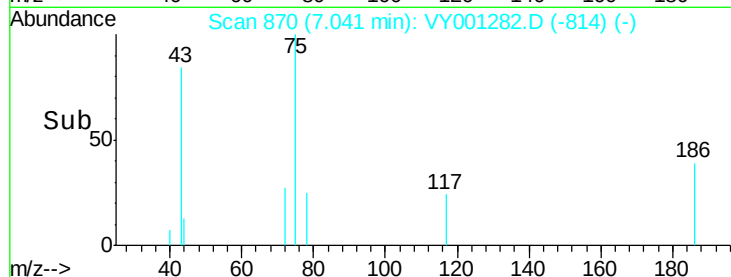
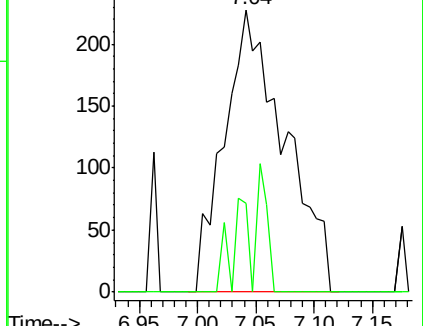
43 100

72 31.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 1.13 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.03 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

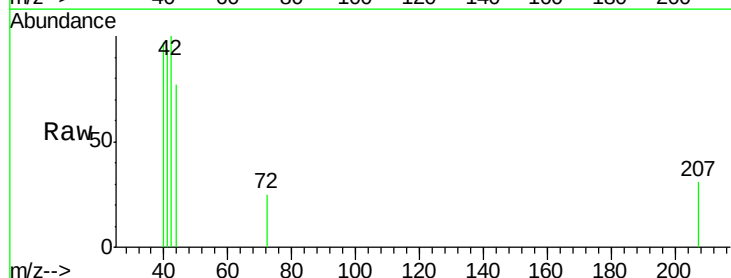
Tgt Ion: 42 Resp: 564

Ion Ratio Lower Upper

42 100

72 17.0 36.9 55.3#

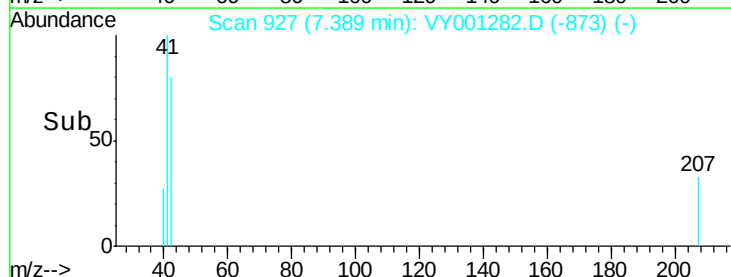
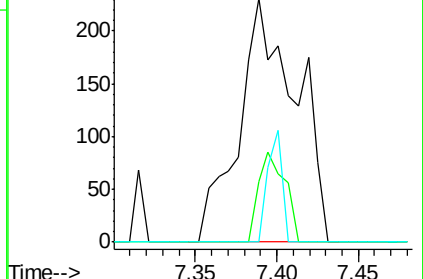
71 11.5 34.0 51.0#

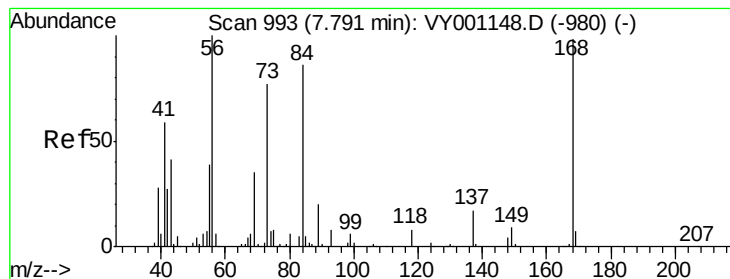


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.04 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

Instrument :

MSVOA_Y

ClientSampleId :

B3-15-20

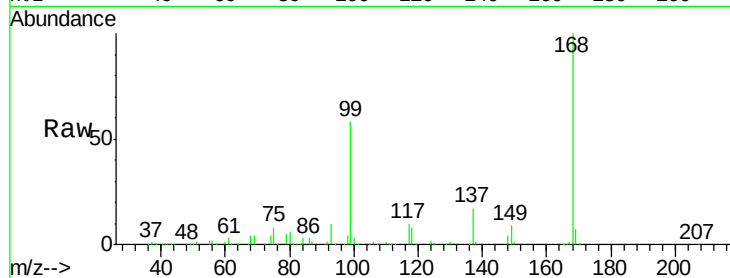
Tgt Ion: 56 Resp: 4061

Ion Ratio Lower Upper

56 100

69 163.7 27.8 41.8#

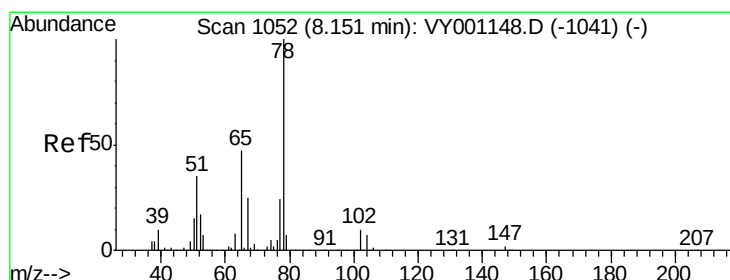
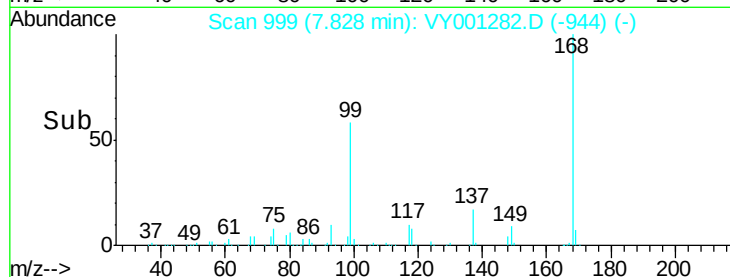
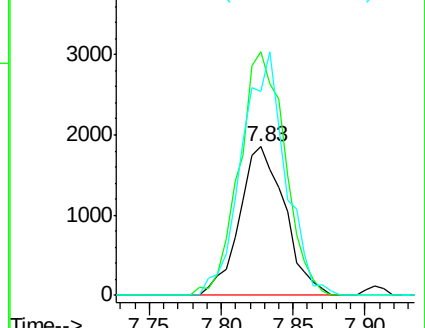
84 136.8 68.9 103.3#



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: 53.02 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001282.D

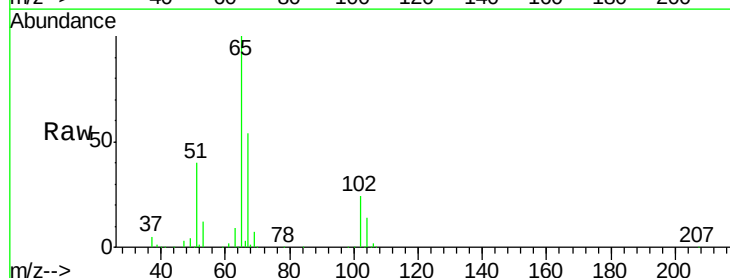
Acq: 17 Jan 2020 21:37

Tgt Ion: 65 Resp: 106715

Ion Ratio Lower Upper

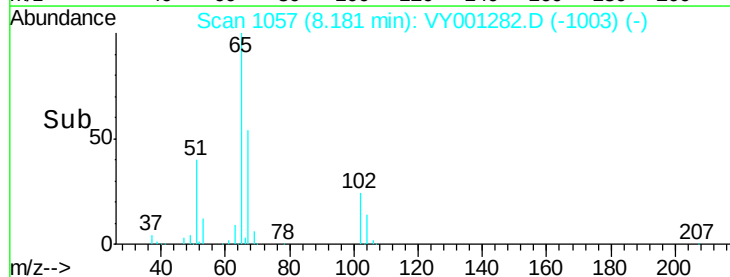
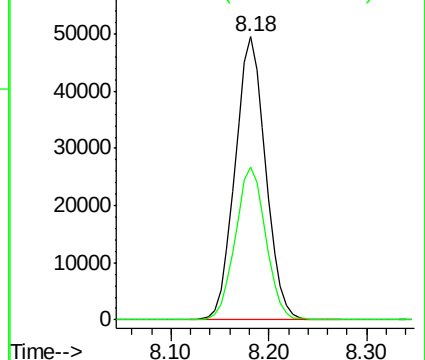
65 100

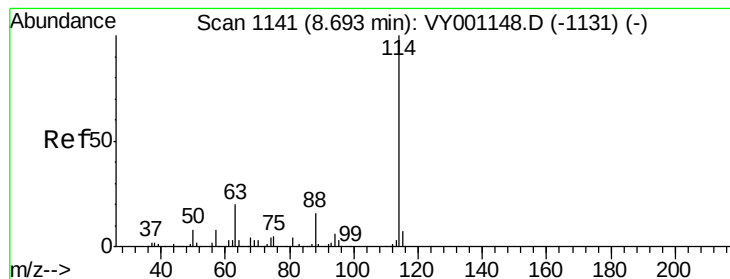
67 54.1 0.0 105.2



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: VY001282.D

Acq: 17 Jan 2020 21:37

Instrument :

MSVOA_Y

ClientSampleId :

B3-15-20

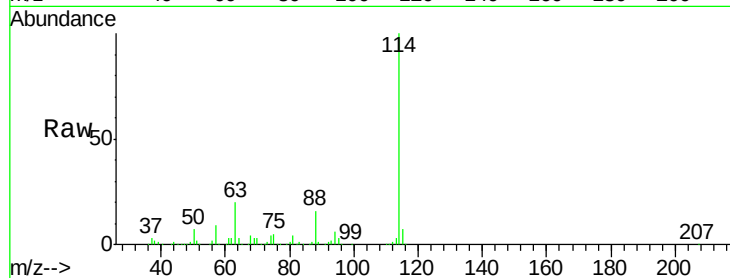
Tgt Ion:114 Resp: 339828

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

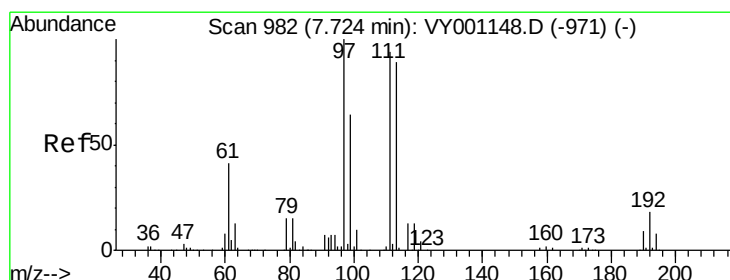
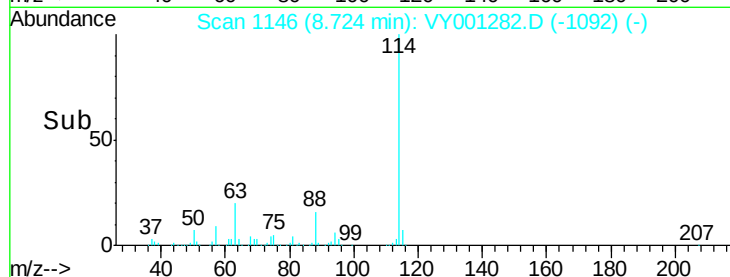
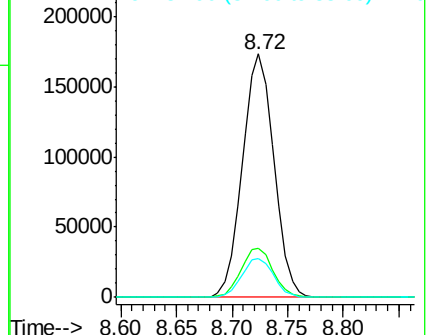
88 15.9 0.0 32.4



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: 51.36 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

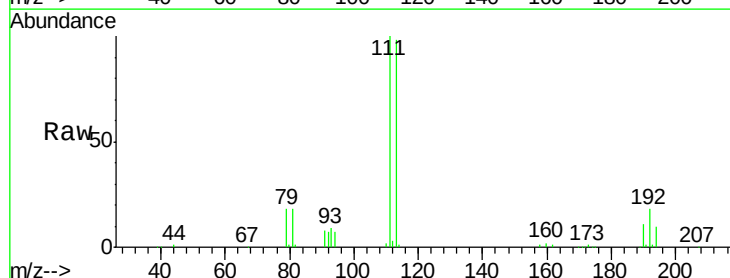
Tgt Ion:113 Resp: 102192

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

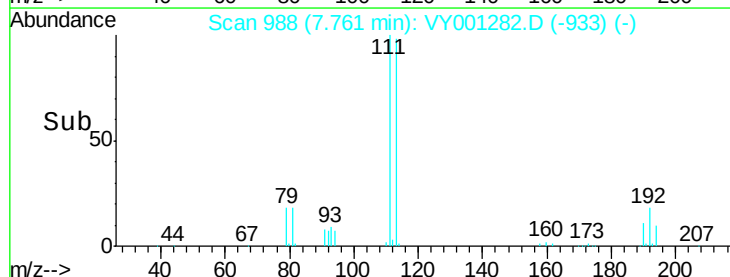
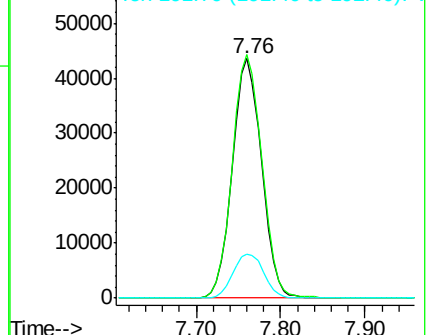
192 19.5 15.4 23.2

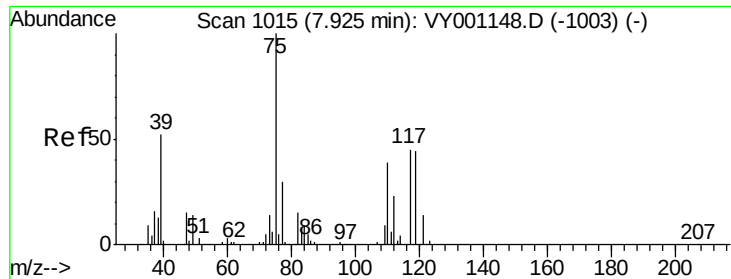


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

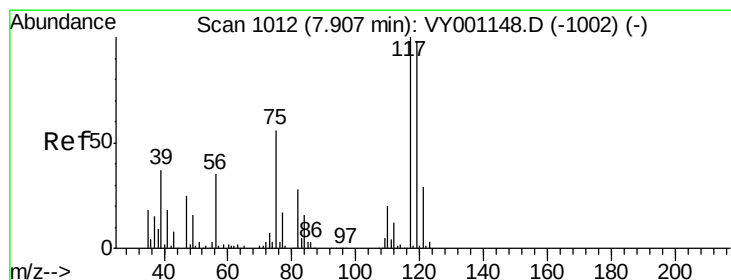
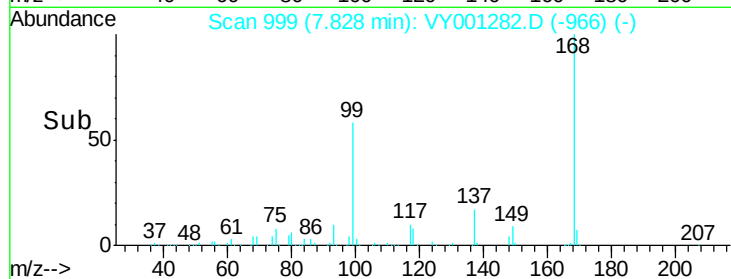
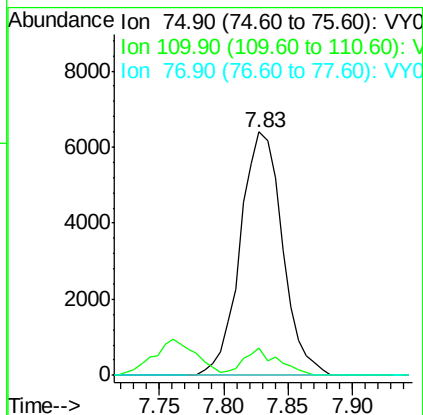
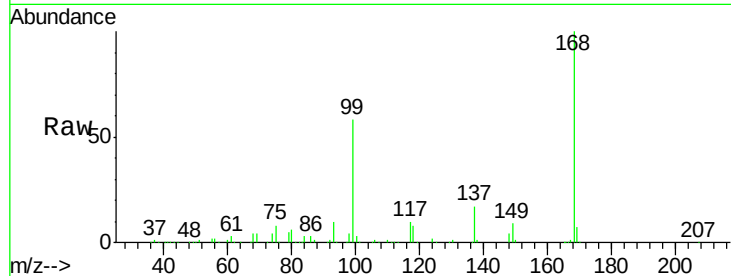




#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001282.D
 Acq: 17 Jan 2020 21:37

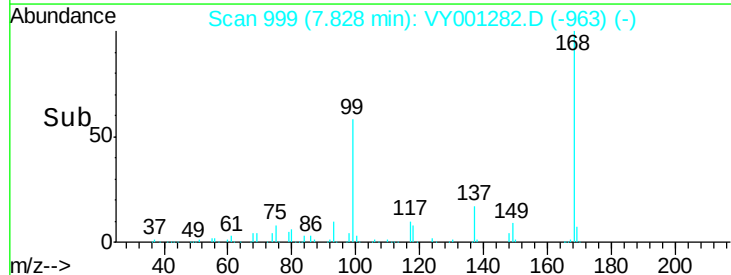
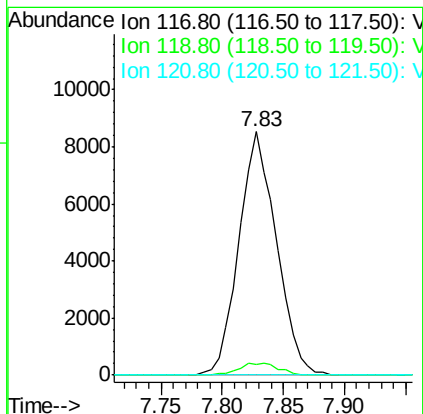
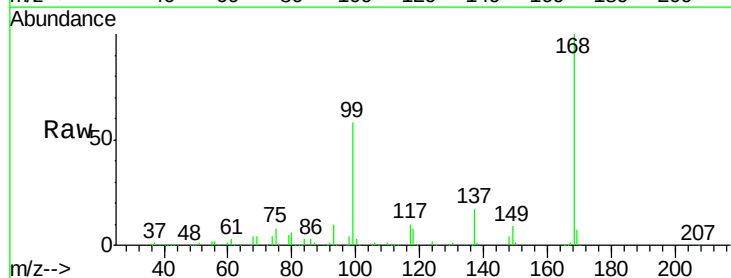
Instrument :
 MSVOA_Y
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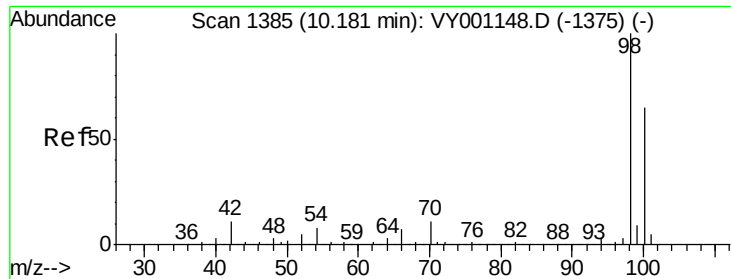
Tgt Ion: 75 Resp: 14524
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.38 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.08 min
 Lab File: VY001282.D
 Acq: 17 Jan 2020 21:37

Tgt Ion: 117 Resp: 18102
 Ion Ratio Lower Upper
 117 100
 119 4.5 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.36 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

Instrument :

MSVOA_Y

ClientSampleId :

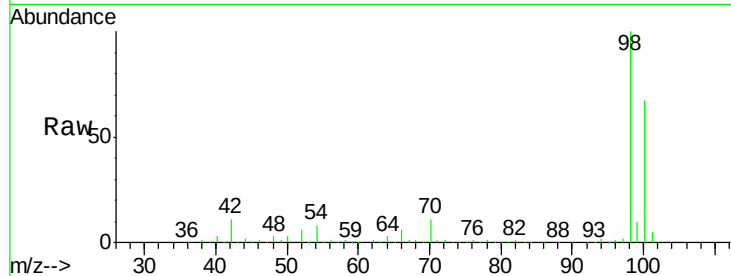
B3-15-20

Tgt Ion: 98 Resp: 401429

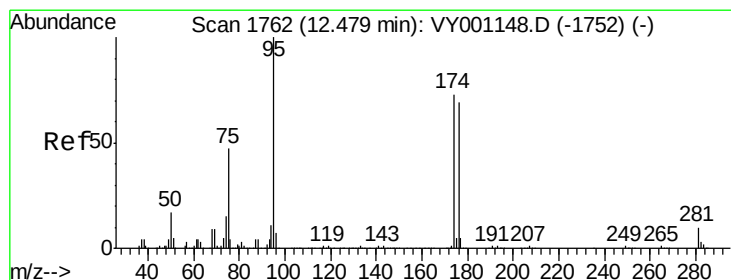
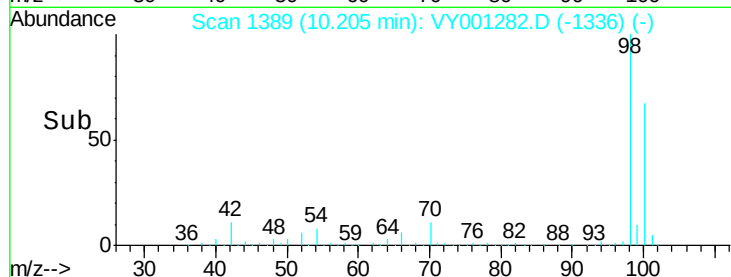
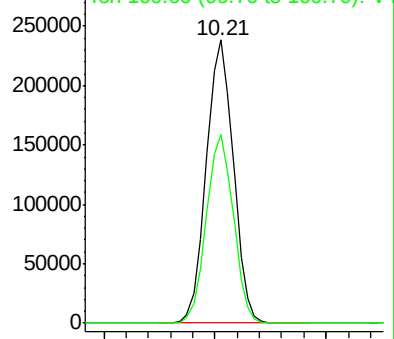
Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 40.06 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001282.D

Acq: 17 Jan 2020 21:37

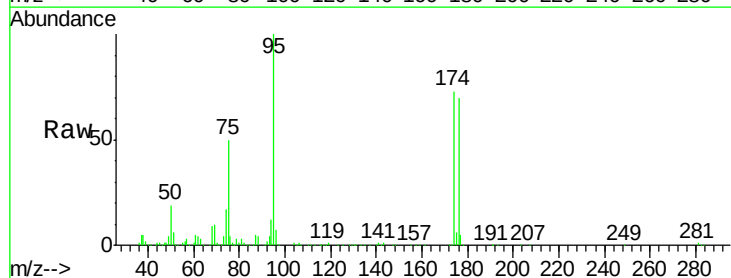
Tgt Ion: 95 Resp: 125564

Ion Ratio Lower Upper

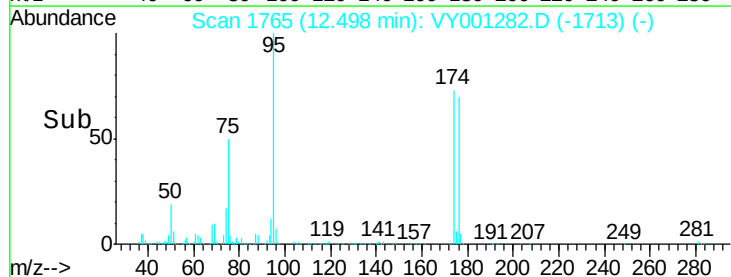
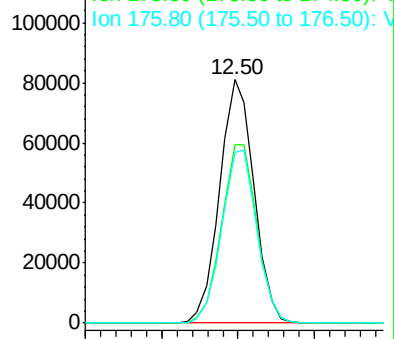
95 100

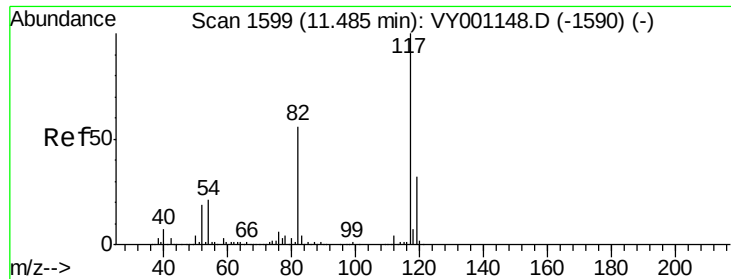
174 75.9 0.0 143.2

176 72.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

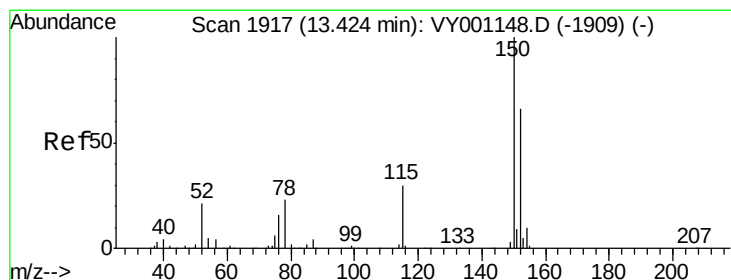
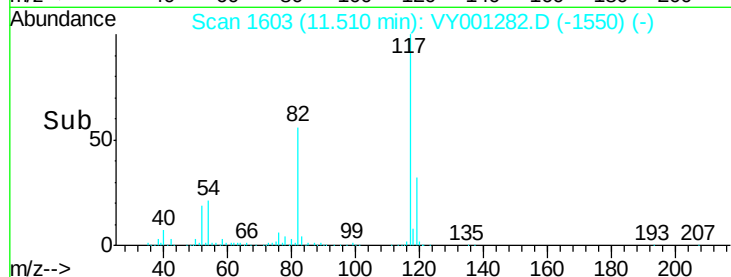
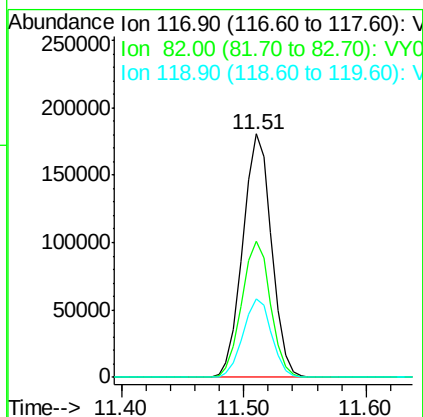
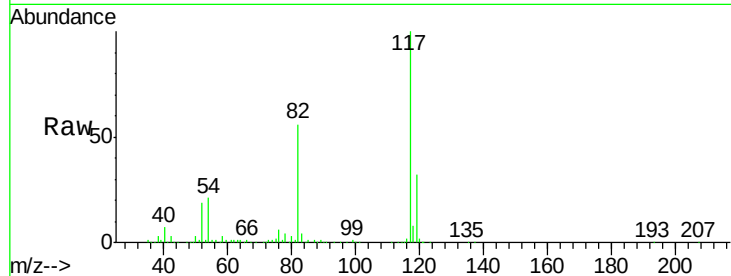




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001282.D
Acq: 17 Jan 2020 21:37

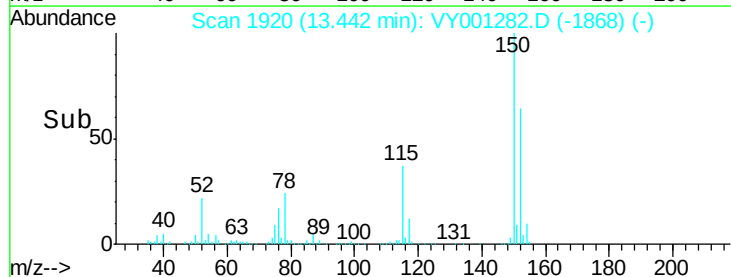
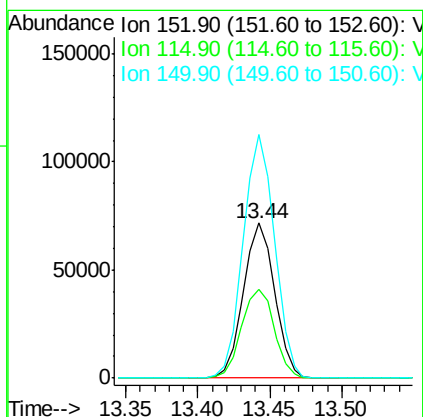
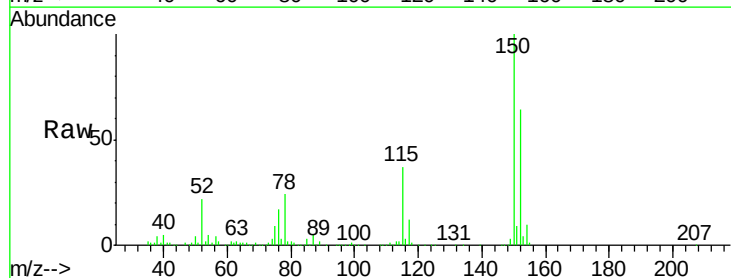
Instrument :
MSVOA_Y
ClientSampleId :
B3-15-20

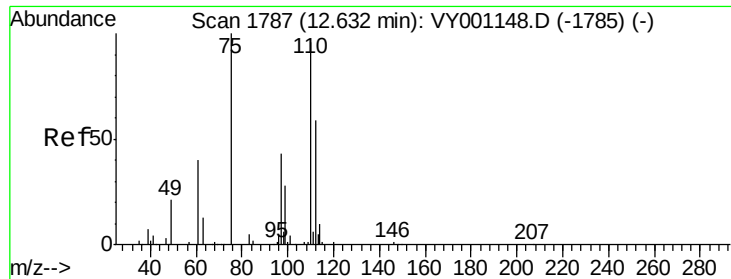
Tgt Ion:117 Resp: 294552
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001282.D
Acq: 17 Jan 2020 21:37

Tgt Ion:152 Resp: 107620
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.5
150 158.0 0.0 346.8

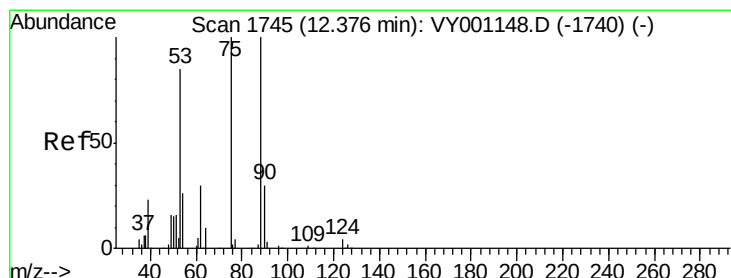
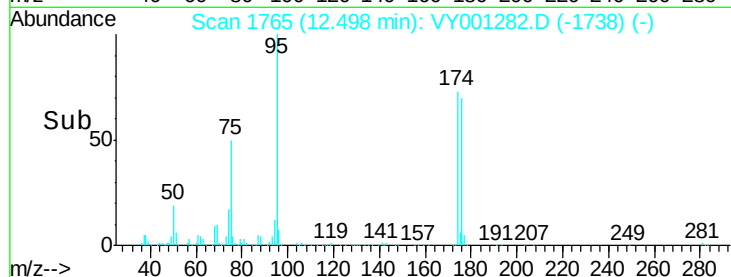
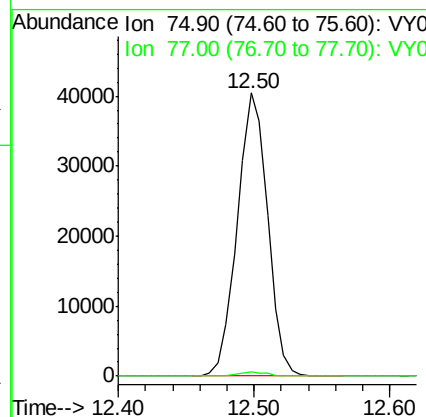
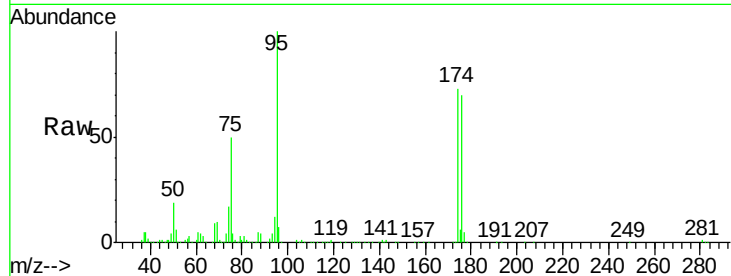




#76
 1,2,3-Trichloropropane
 Concen: 54.32 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.13 min
 Lab File: VY001282.D
 Acq: 17 Jan 2020 21:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-15-20

Tgt Ion: 75 Resp: 62582
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.12 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.12 min
 Lab File: VY001282.D
 Acq: 17 Jan 2020 21:37

Tgt Ion: 75 Resp: 62582
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.4 104.2#
 89 0.1 0.0 0.0#

