

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001280.D
 Acq On : 17 Jan 2020 20:53
 Operator : SY/MD
 Sample : L1154-03
 Misc : 7.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-15-20

Quant Time: Jan 18 03:27:25 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

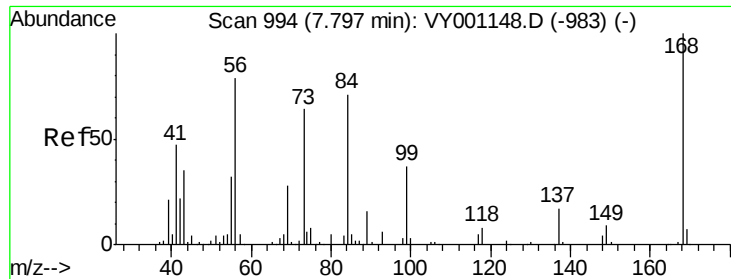
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	189880	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	344694	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	293111	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	108210	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	108500	54.10	ug/l	0.03
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.76	113	101665	50.37	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.20	98	399136	51.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.50	95	126233	39.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.98	43	2711	5.82	ug/l #	88
20) Methylene Chloride	4.76	84	9890	Below Cal		93
31) Cyclohexane	7.82	56	4133	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	14744	4.69	ug/l #	47
38) Carbon Tetrachloride	7.83	117	18438	6.40	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	62924	54.32	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	62924	92.11	ug/l #	6

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY011720\
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Misc : 7.58G/5ML/MSV0A_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001280.D

Acq: 17 Jan 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

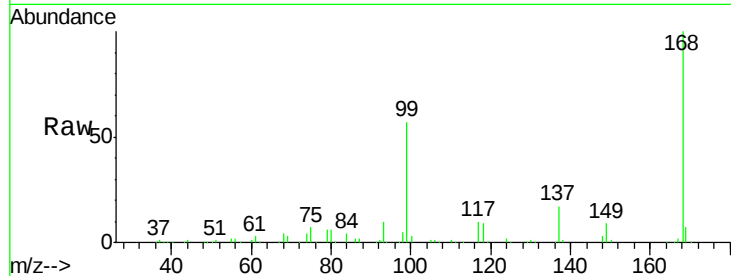
B4-15-20

Tgt Ion:168 Resp: 189880

Ion Ratio Lower Upper

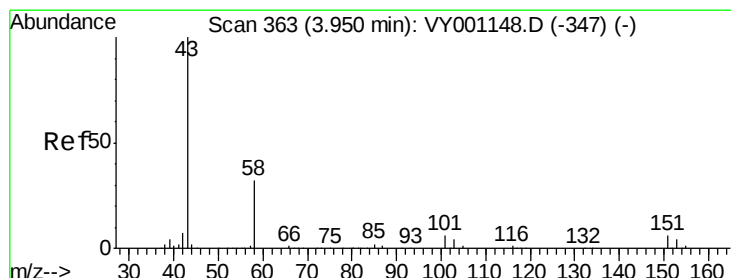
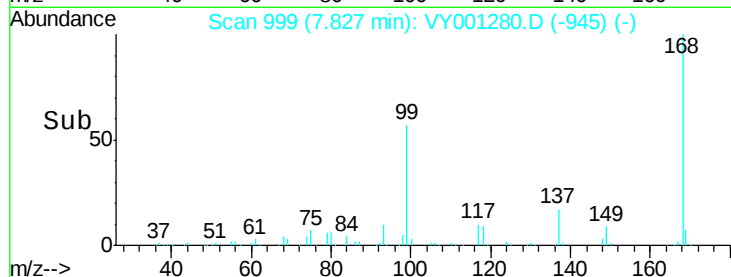
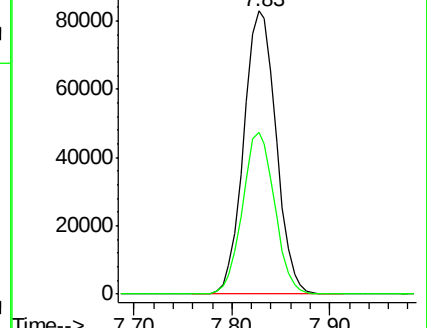
168 100

99 57.3 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) (-)



#16

Acetone

Concen: 5.82 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.03 min

Lab File: VY001280.D

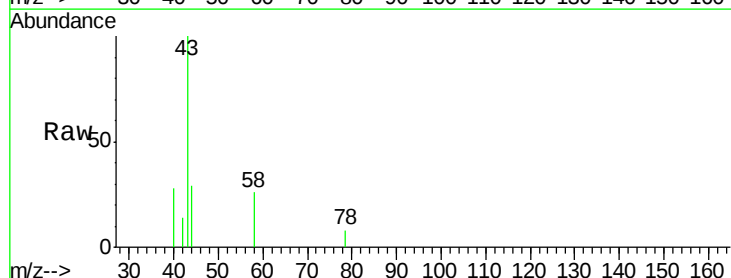
Acq: 17 Jan 2020 20:53

Tgt Ion: 43 Resp: 2711

Ion Ratio Lower Upper

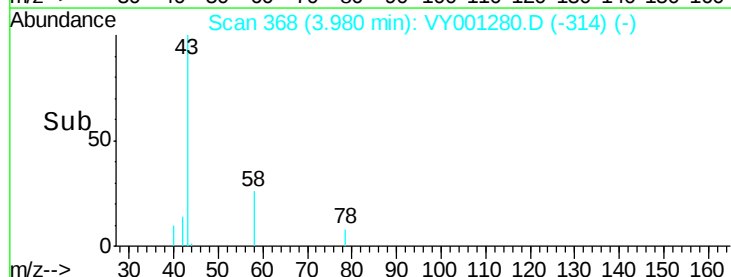
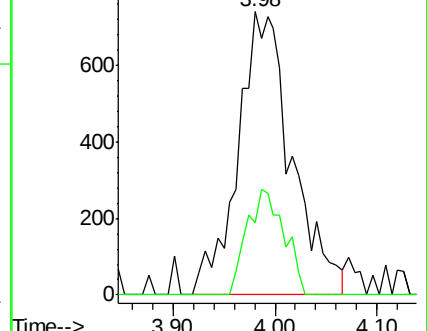
43 100

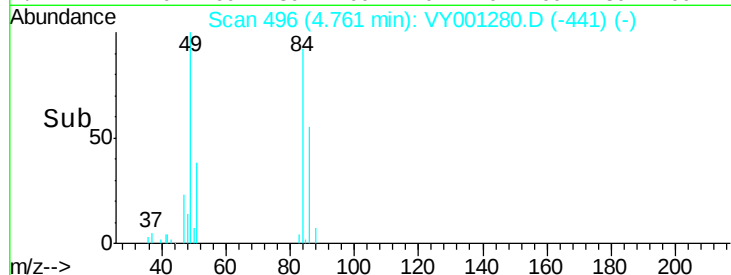
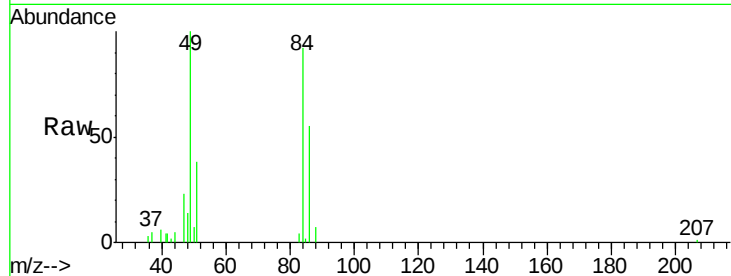
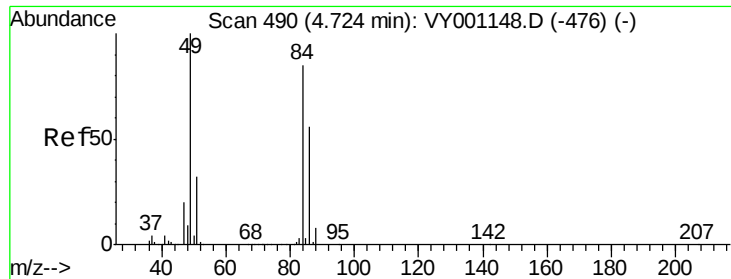
58 25.7 25.8 38.6#



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

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

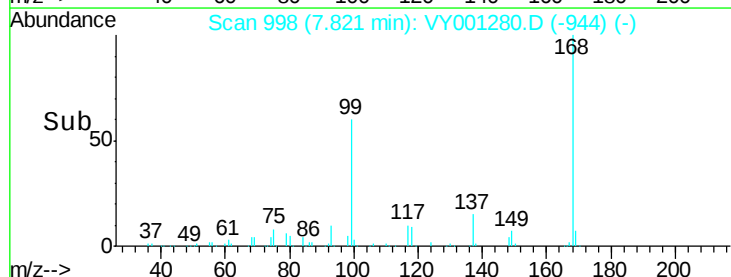
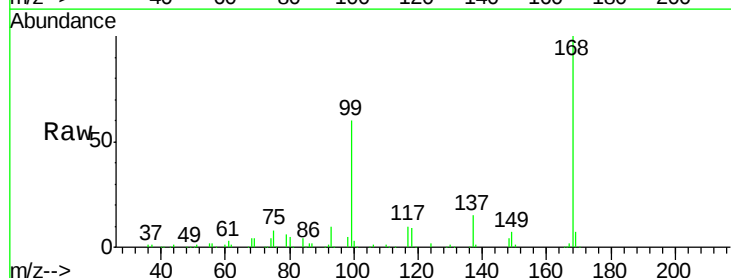
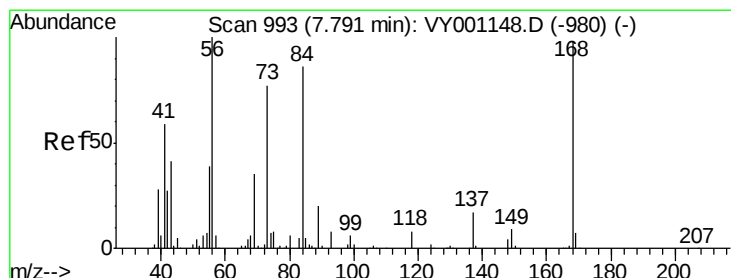
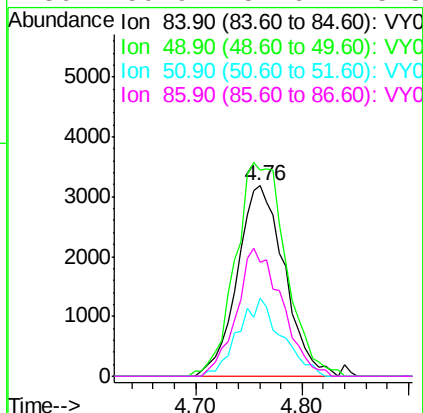




#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.04 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

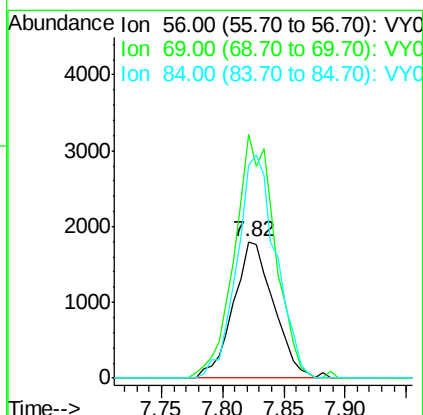
Instrument :
MSVOA_Y
ClientSampled :
B4-15-20

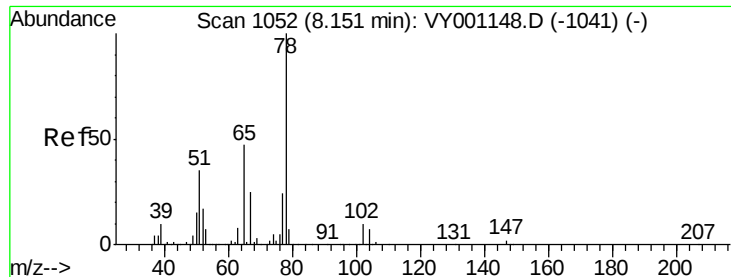
Tgt Ion:	84	Resp:	9890
Ion	Ratio	Lower	Upper
84	100		
49	108.5	93.8	140.6
51	40.8	29.9	44.9
86	59.9	52.6	78.8



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.03 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

Tgt Ion:	56	Resp:	4133
Ion	Ratio	Lower	Upper
56	100		
69	178.0	27.8	41.8#
84	155.3	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.10 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001280.D

Acq: 17 Jan 2020 20:53

Instrument :

MSVOA_Y

ClientSampled :

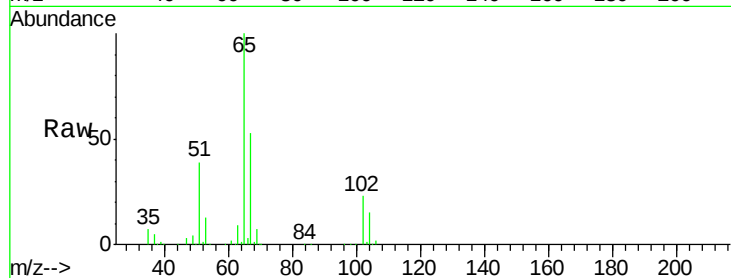
B4-15-20

Tgt Ion: 65 Resp: 108500

Ion Ratio Lower Upper

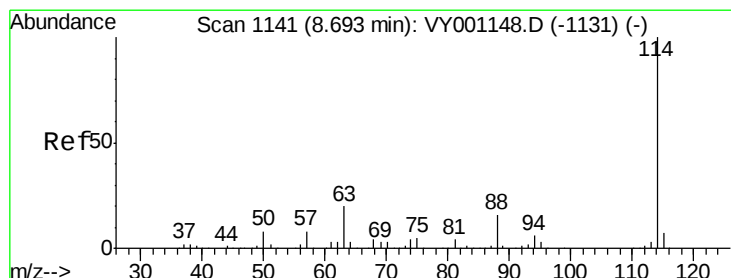
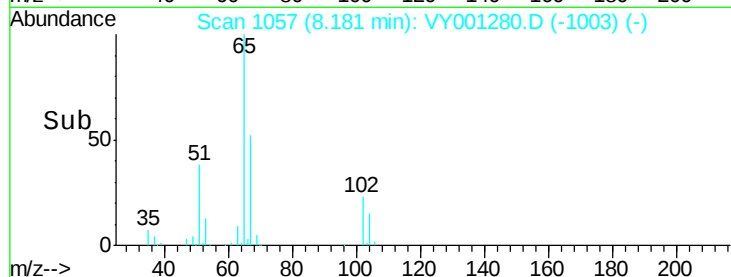
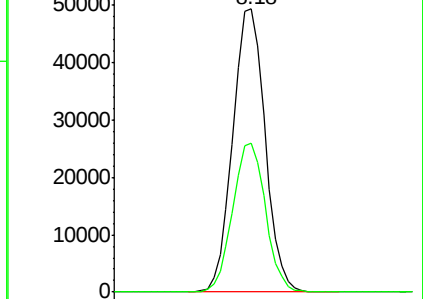
65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001280.D (-1057) (-)

Ion 66.90 (66.60 to 67.60): VY001280.D (-1057) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001280.D

Acq: 17 Jan 2020 20:53

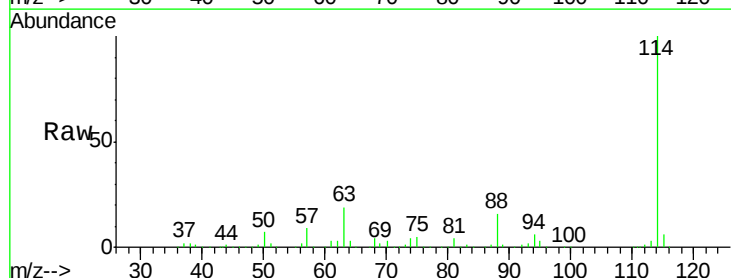
Tgt Ion: 114 Resp: 344694

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

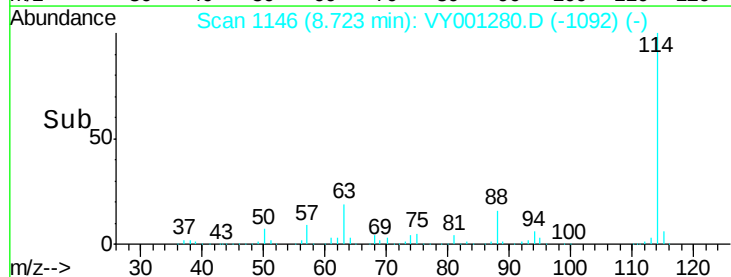
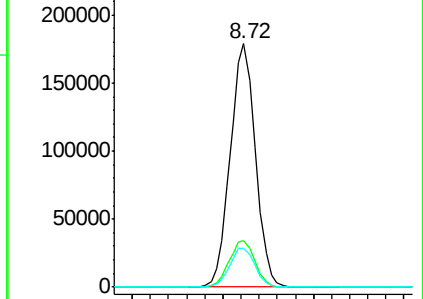
88 16.0 0.0 32.4

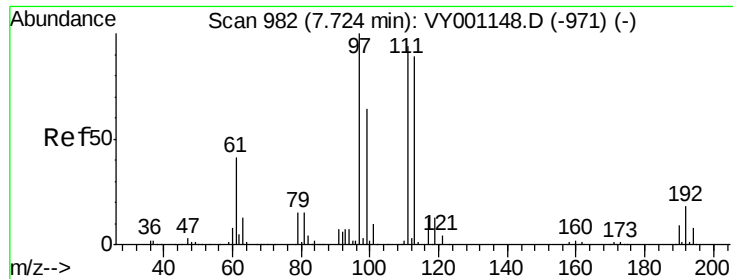


Abundance Ion 113.90 (113.60 to 114.60): VY001280.D (-1146) (-)

Ion 63.00 (62.70 to 63.70): VY001280.D (-1146) (-)

Ion 87.90 (87.60 to 88.60): VY001280.D (-1146) (-)

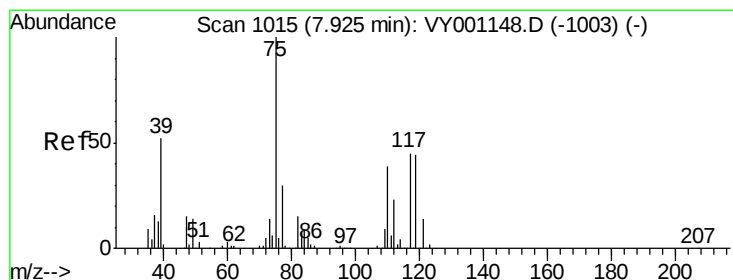
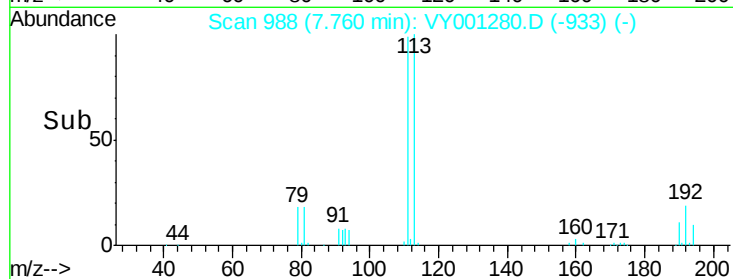
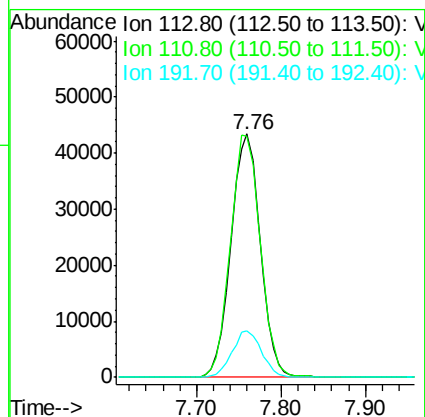
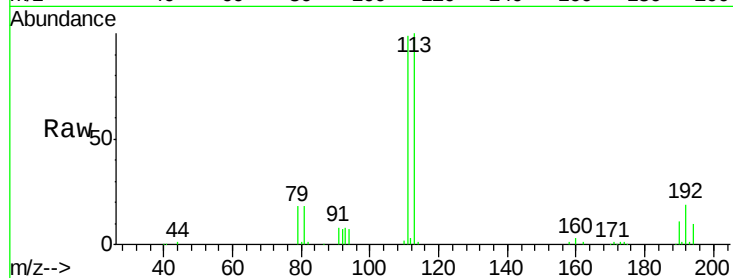




#35
 Dibromofluoromethane
 Concen: 50.37 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VY001280.D
 Acq: 17 Jan 2020 20:53

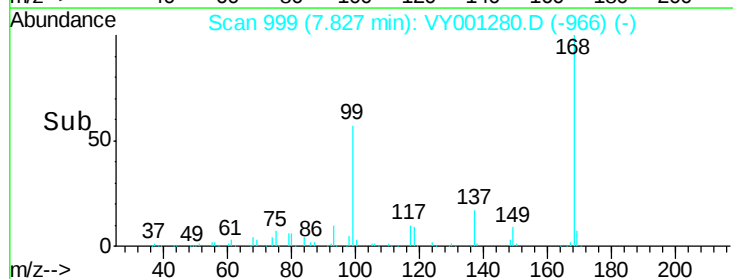
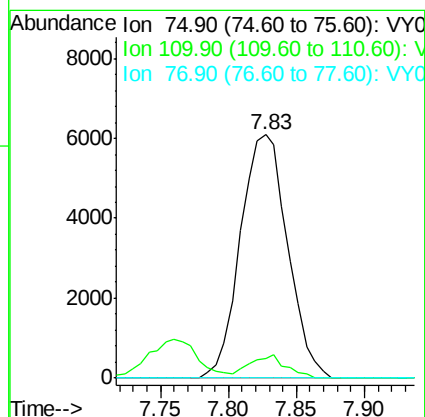
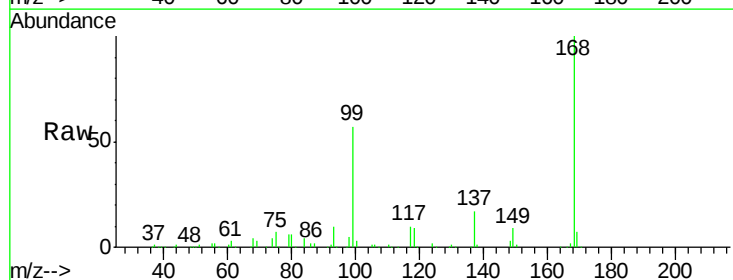
Instrument :
 MSVOA_Y
 ClientSampled :
 B4-15-20

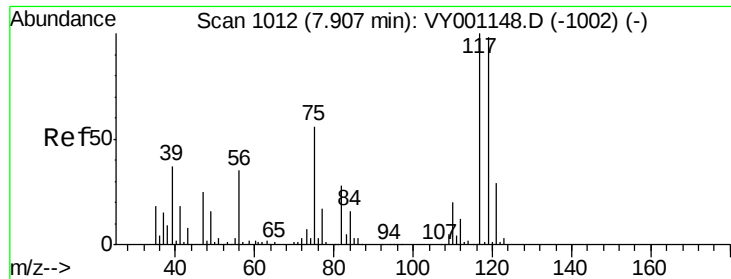
Tgt Ion: 113 Resp: 101665
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 19.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001280.D
 Acq: 17 Jan 2020 20:53

Tgt Ion: 75 Resp: 14744
 Ion Ratio Lower Upper
 75 100
 110 7.4 18.3 54.8#
 77 0.0 25.1 37.7#

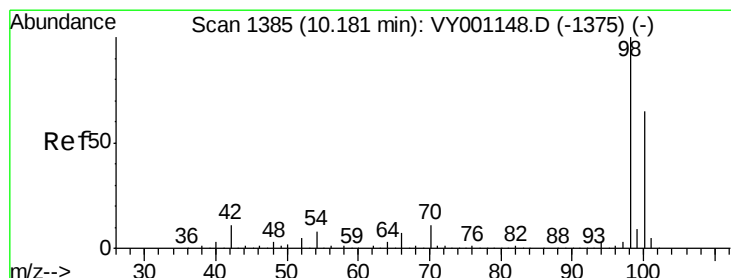
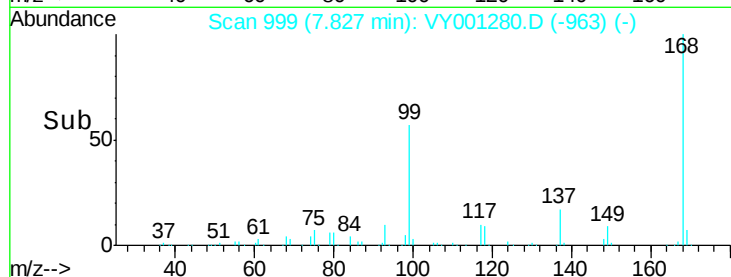
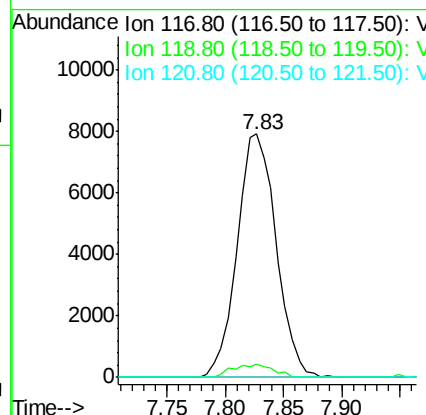
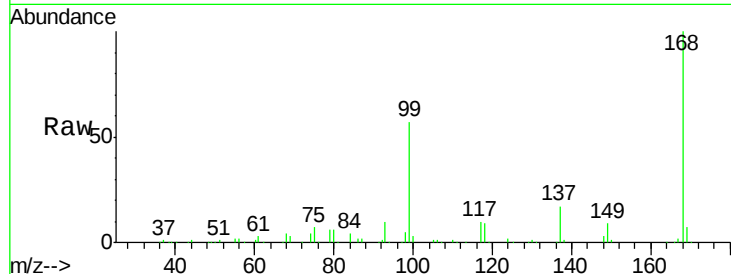




#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.08 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

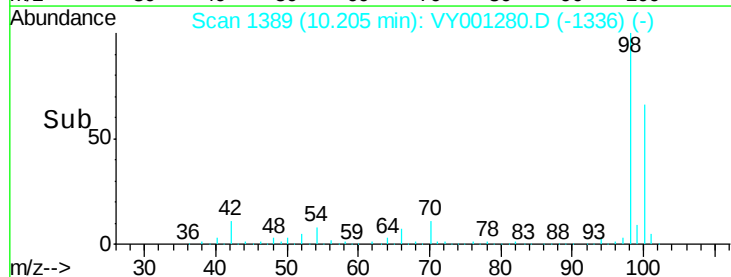
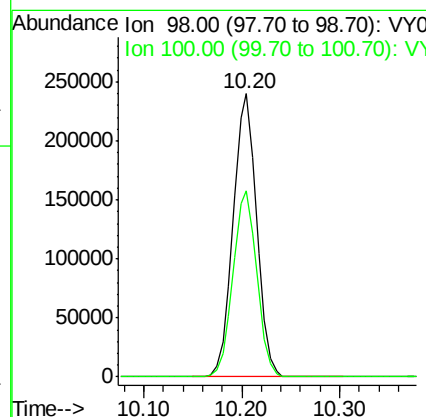
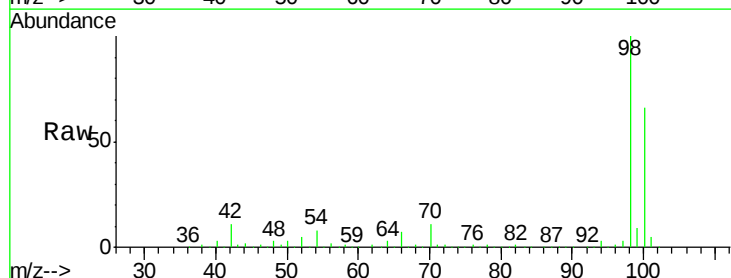
Instrument :
MSVOA_Y
ClientSampleId :
B4-15-20

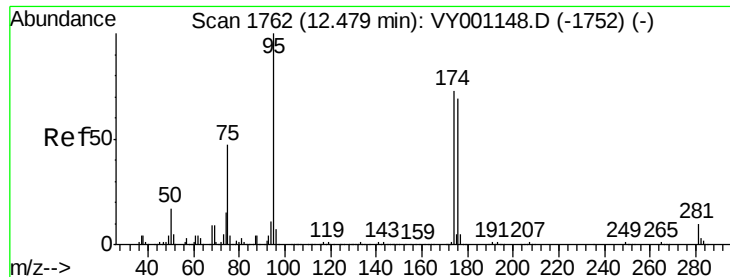
Tgt Ion: 117 Resp: 18438
Ion Ratio Lower Upper
117 100
119 5.2 78.3 117.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.20 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

Tgt Ion: 98 Resp: 399136
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

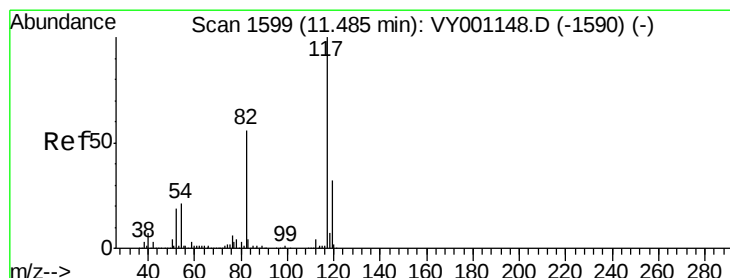
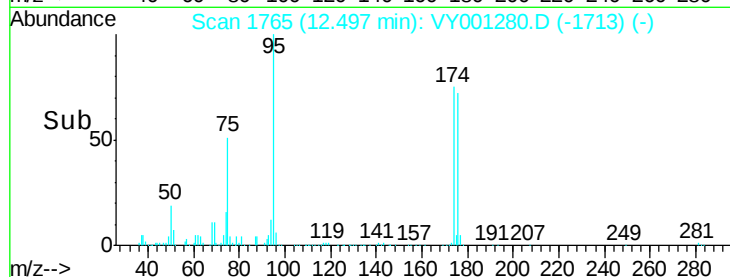
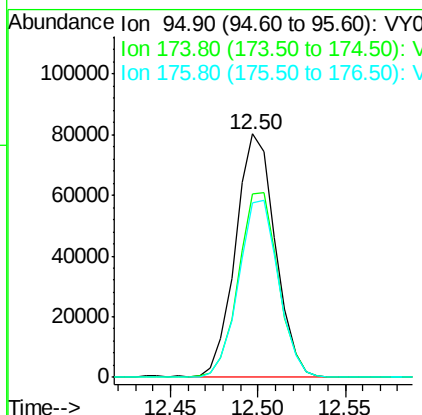
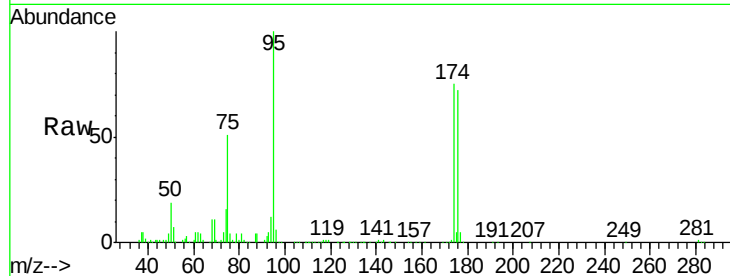




#62
4-Bromofluorobenzene
Concen: 39.71 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.02 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

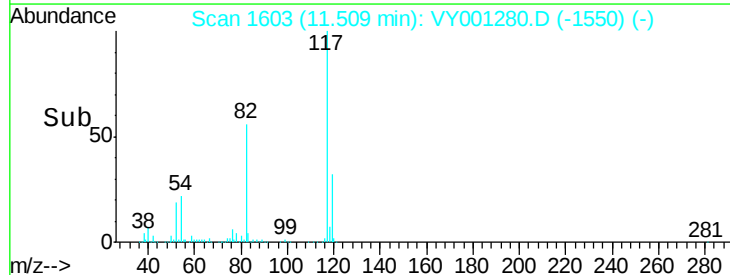
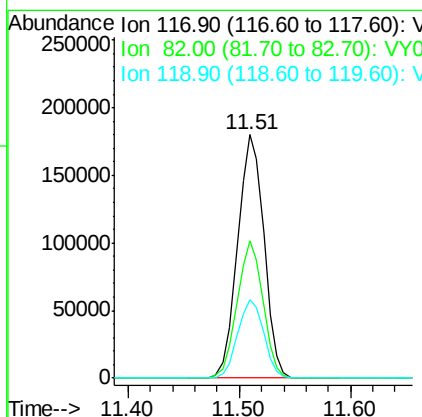
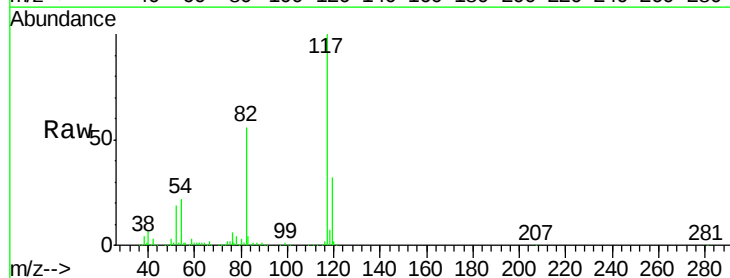
Instrument :
MSVOA_Y
ClientSampled :
B4-15-20

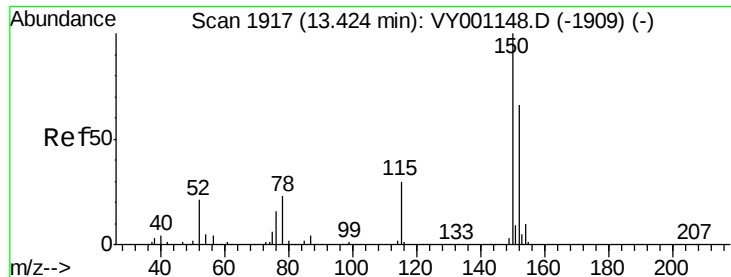
Tgt Ion: 95 Resp: 126233
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.2
176 73.3 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001280.D
Acq: 17 Jan 2020 20:53

Tgt Ion: 117 Resp: 293111
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 32.2 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: VY001280.D

Acq: 17 Jan 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

B4-15-20

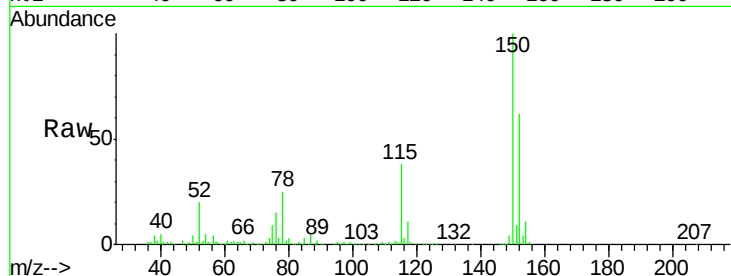
Tgt Ion:152 Resp: 108210

Ion Ratio Lower Upper

152 100

115 60.2 30.9 92.5

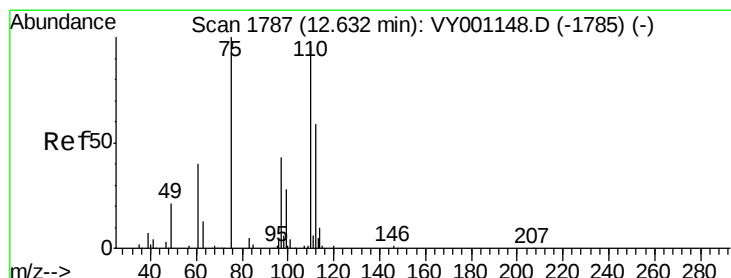
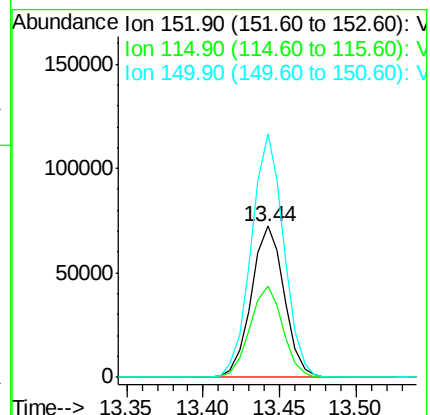
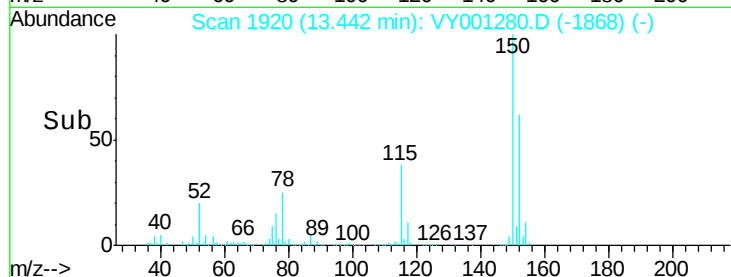
150 159.5 0.0 346.8



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: 54.32 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001280.D

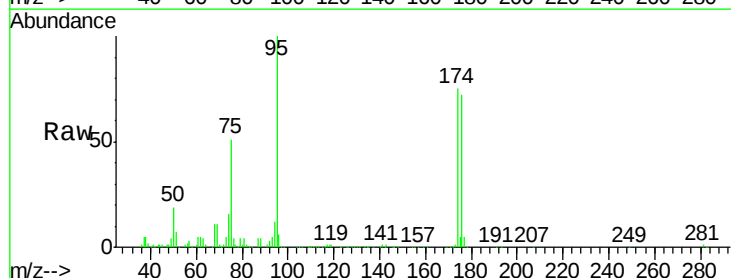
Acq: 17 Jan 2020 20:53

Tgt Ion: 75 Resp: 62924

Ion Ratio Lower Upper

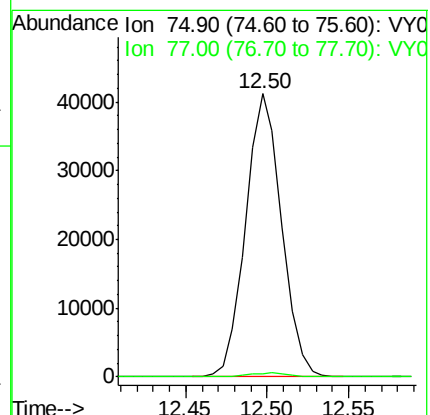
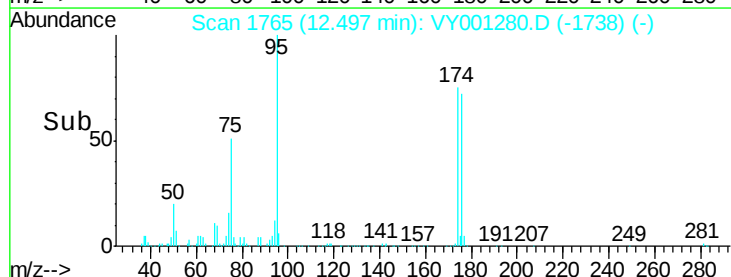
75 100

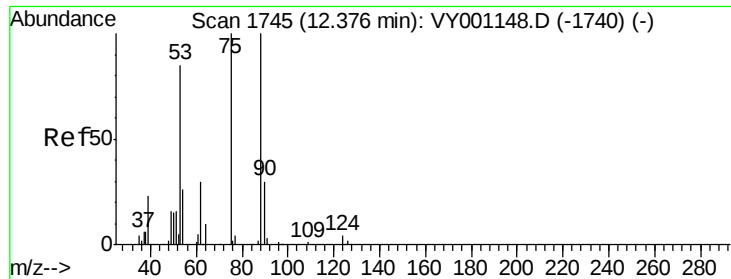
77 1.5 0.0 0.0#



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: 92.11 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001280.D

Acq: 17 Jan 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

B4-15-20

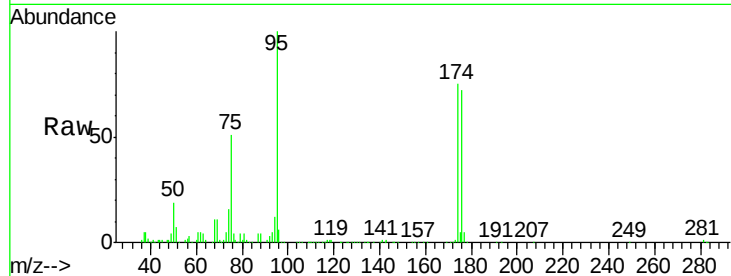
Tgt Ion: 75 Resp: 62924

Ion Ratio Lower Upper

75 100

53 0.2 69.4 104.2#

89 0.0 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

