

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
 Data File : VY000985.D
 Acq On : 17 Dec 2019 17:41
 Operator : SY/MD
 Sample : K6357-15
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

Quant Time: Dec 18 05:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	82416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	144666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	120617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	50255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	40758	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
35) Dibromofluoromethane	7.73	113	41432	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	10.18	98	168367	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	47307	37.37	ug/l	0.00
Spiked Amount			Recovery	=	74.74%	

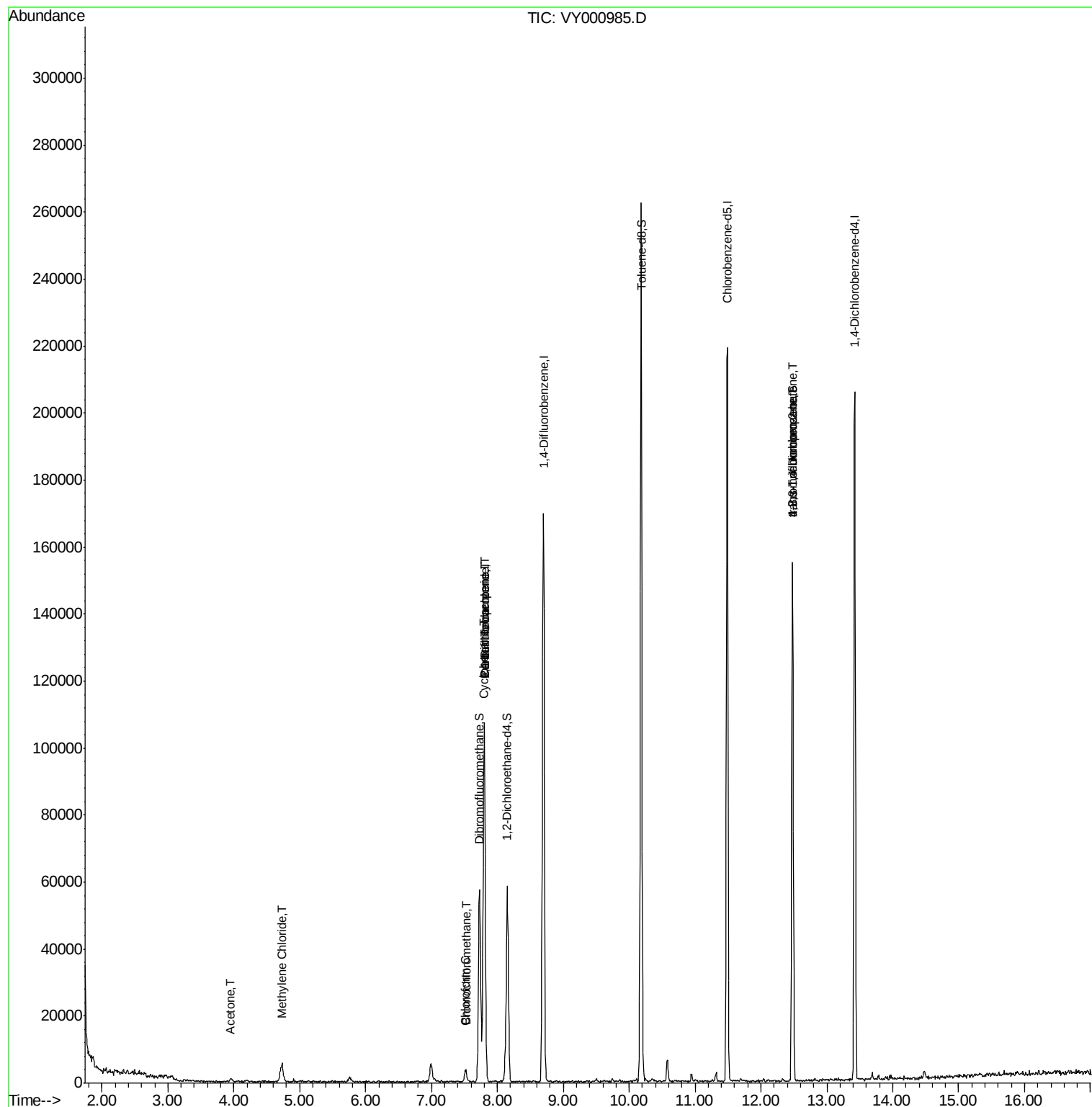
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	92	Below Cal	#	42
16) Acetone	3.94	43	1283	6.386	ug/l	100
20) Methylene Chloride	4.72	84	3867	3.652	ug/l	91
28) Bromochloromethane	7.53	49	195	2.306	ug/l #	15
30) Chloroform	7.51	83	3313	1.882	ug/l	100
31) Cyclohexane	7.79	56	2042	1.098	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	7137	4.962	ug/l #	46
38) Carbon Tetrachloride	7.80	117	8179	6.385	ug/l #	11
76) 1,2,3-Trichloropropane	12.48	75	25127	44.130	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	25127	86.684	ug/l #	17

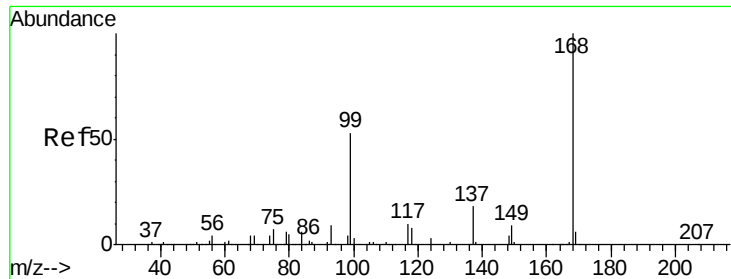
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
Data File : VY000985.D
Acq On : 17 Dec 2019 17:41
Operator : SY/MD
Sample : K6357-15
Misc : 5.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PF-J

Quant Time: Dec 18 05:52:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration



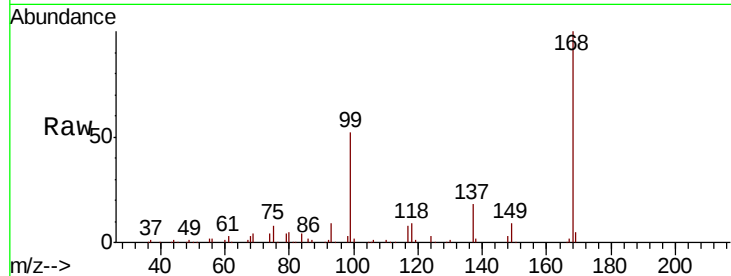


#1

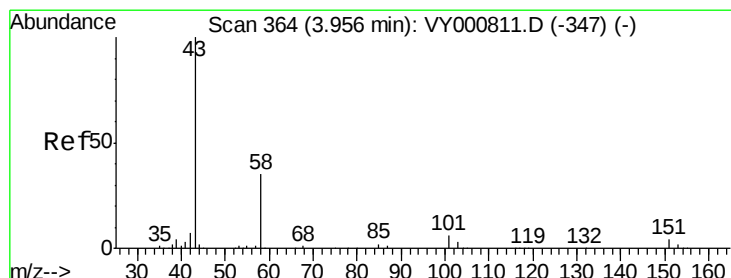
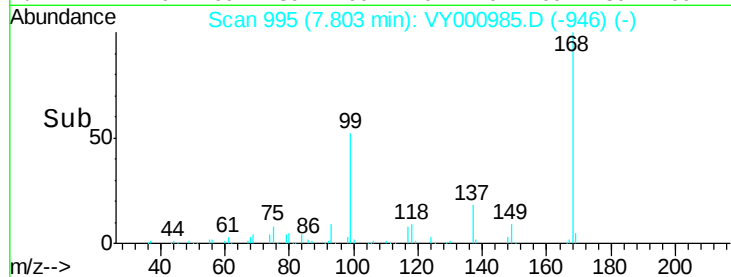
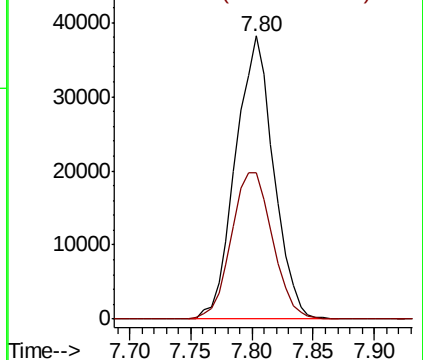
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Instrument :
 MSVOA_Y
 ClientSampled :
 PF-J

Tgt Ion: 168 Resp: 82416
 Ion Ratio Lower Upper
 168 100
 99 51.7 45.0 67.6



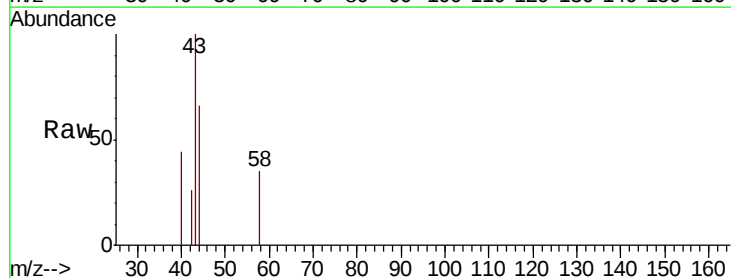
Abundance Ion 167.90 (167.60 to 168.60): VY000985.D (-946) (-)
 Ion 98.90 (98.60 to 99.60): VY000985.D (-946) (-)



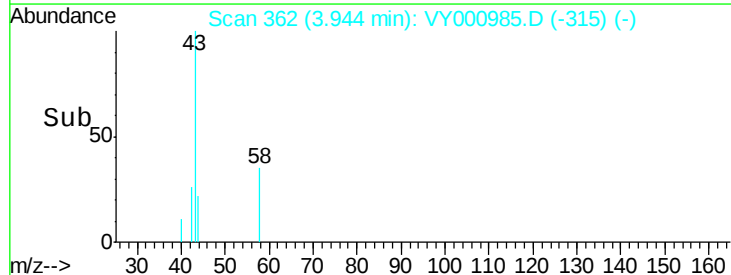
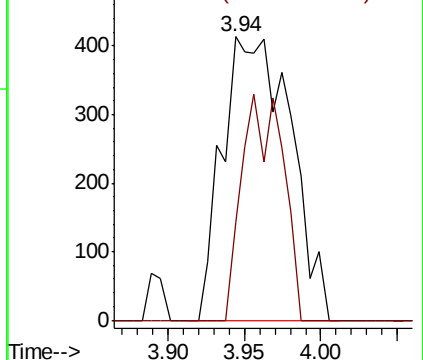
#16

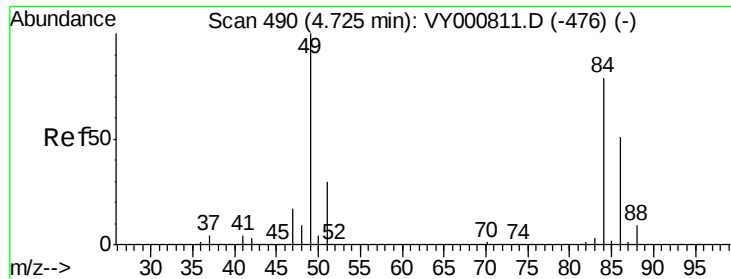
Acetone
 Concen: 6.386 ug/l
 RT: 3.94 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Tgt Ion: 43 Resp: 1283
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000985.D (-315) (-)
 Ion 58.00 (57.70 to 58.70): VY000985.D (-315) (-)

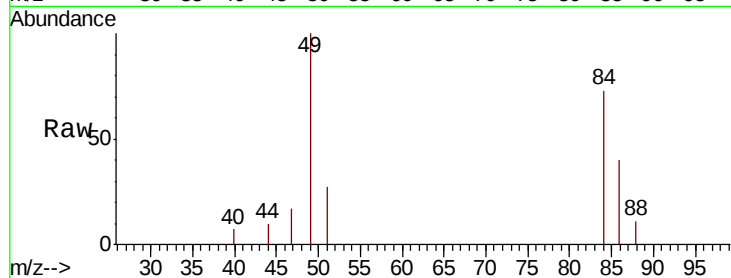




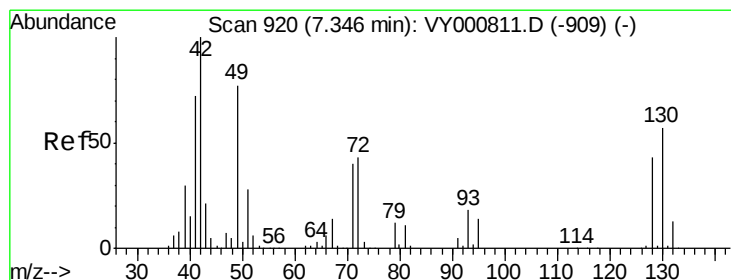
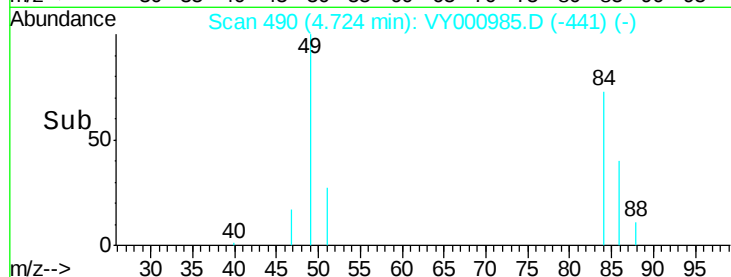
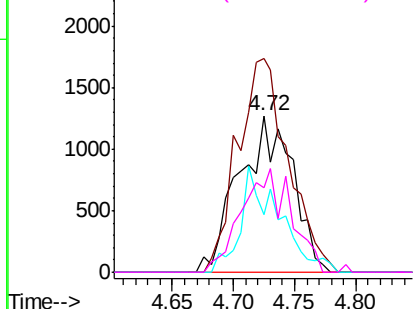
#20
Methylene Chloride
Concen: 3.652 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Instrument :
MSVOA_Y
ClientSampleId :
PF-J

Tgt Ion:	84	Resp:	3867
Ion	Ratio	Lower	Upper
84	100		
49	136.3	101.3	151.9
51	36.6	30.6	45.8
86	54.0	51.3	76.9

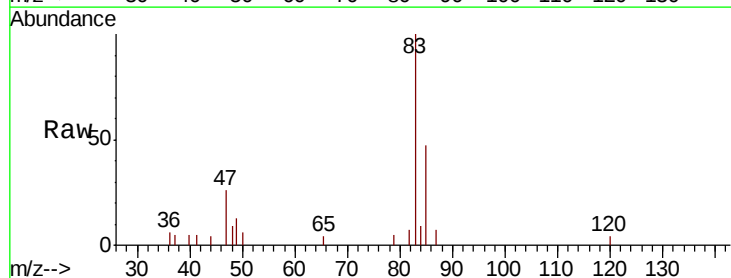


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

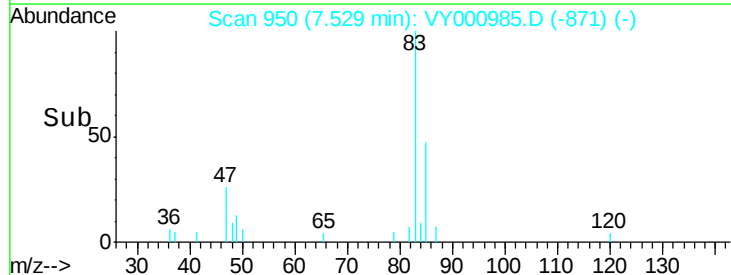
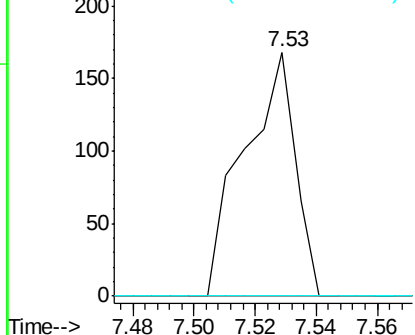


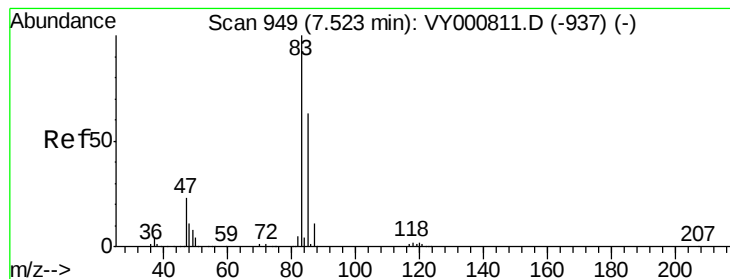
#28
Bromochloromethane
Concen: 2.306 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.18 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Tgt Ion:	49	Resp:	195
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#30

Chloroform

Concen: 1.882 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

Instrument :

MSVOA_Y

ClientSampleId :

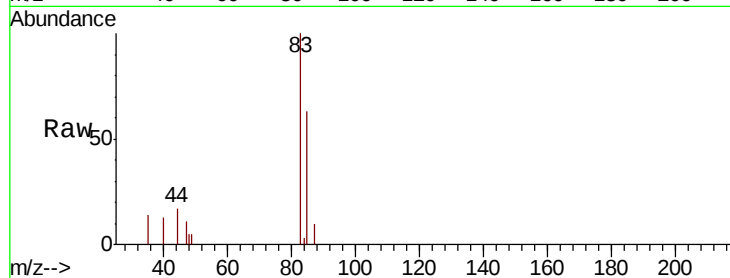
PF-J

Tgt Ion: 83 Resp: 3313

Ion Ratio Lower Upper

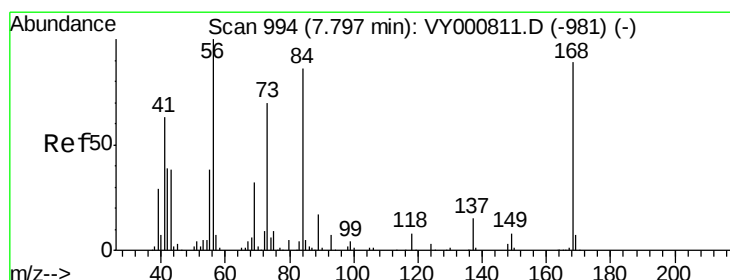
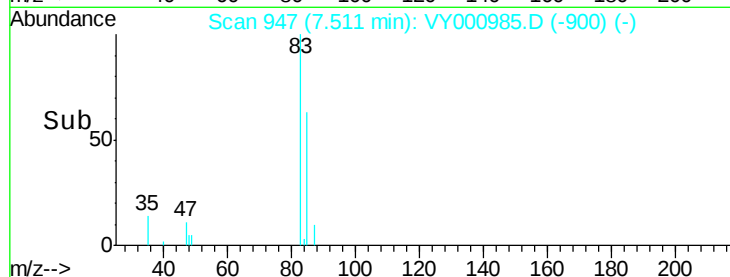
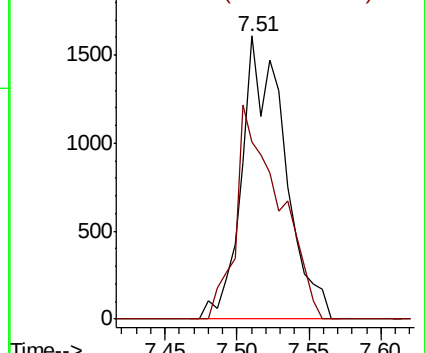
83 100

85 62.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0



#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

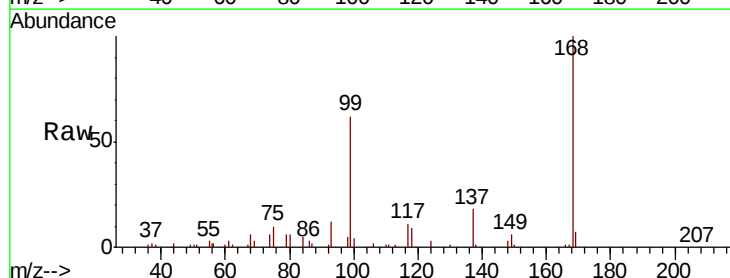
Tgt Ion: 56 Resp: 2042

Ion Ratio Lower Upper

56 100

69 93.1 25.9 38.9#

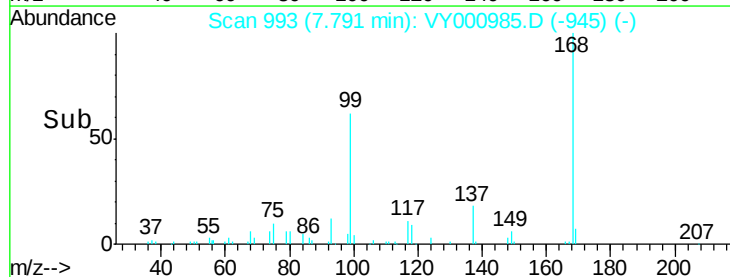
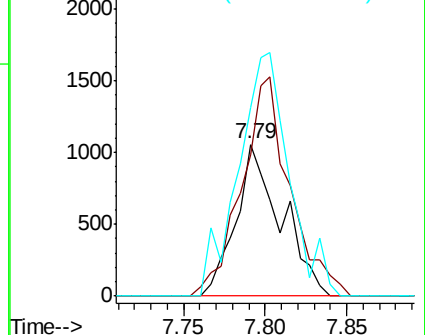
84 124.2 68.6 102.8#

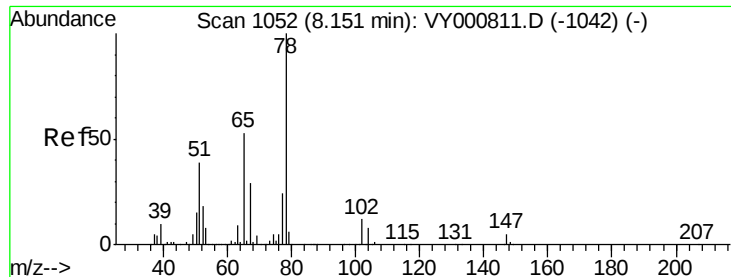


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 46.541 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

Instrument :

MSVOA_Y

ClientSampled :

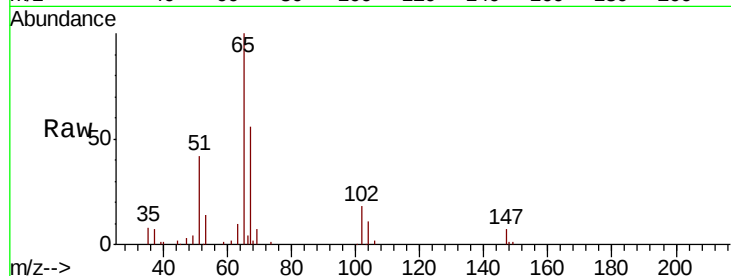
PF-J

Tgt Ion: 65 Resp: 40758

Ion Ratio Lower Upper

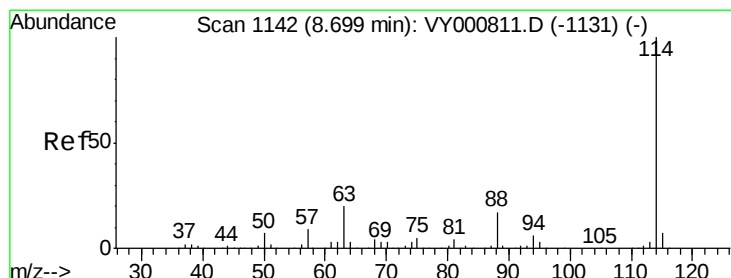
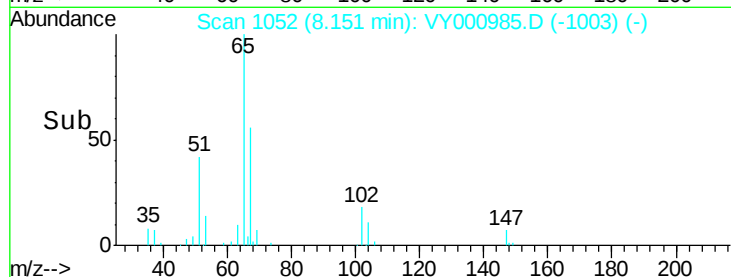
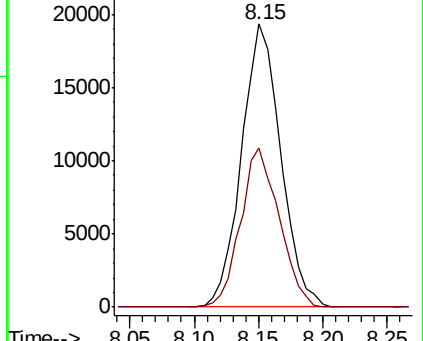
65 100

67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000985.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000985.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

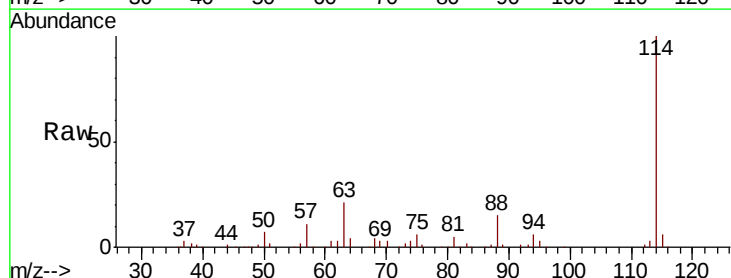
Tgt Ion: 114 Resp: 144666

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

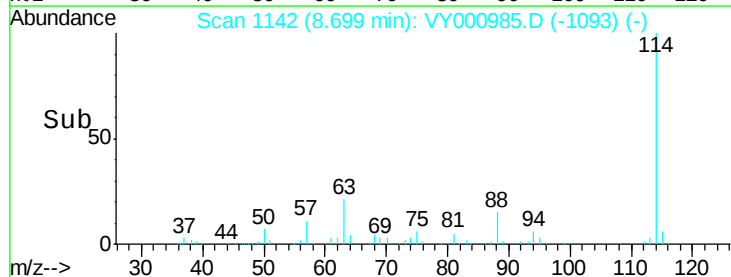
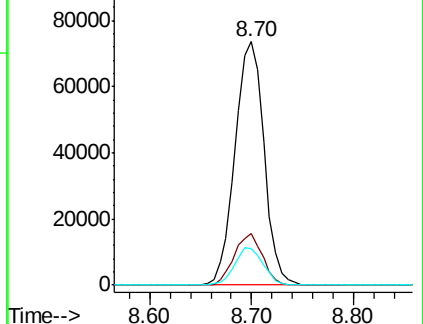
88 15.0 0.0 33.2

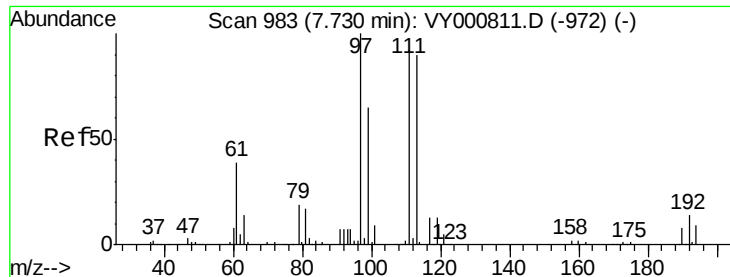


Abundance Ion 113.90 (113.60 to 114.60): VY000985.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY000985.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000985.D (-1093) (-)

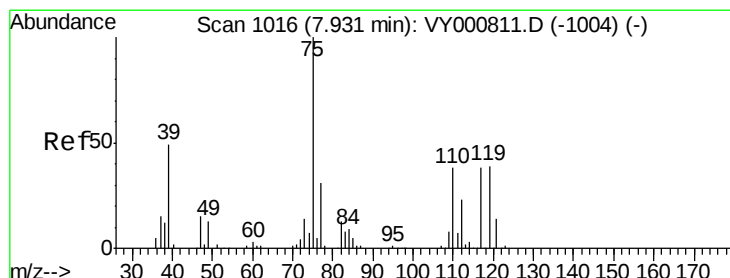
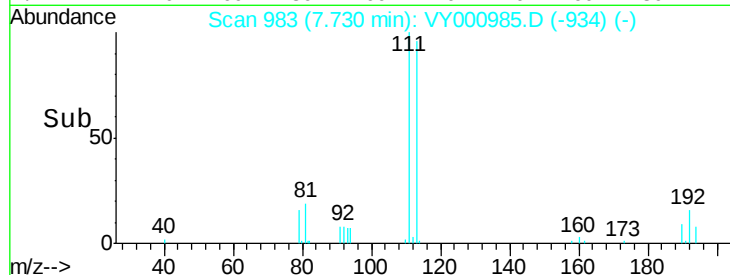
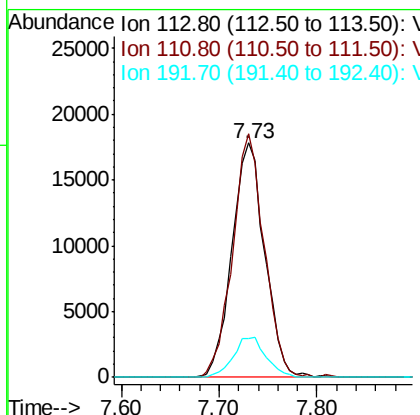
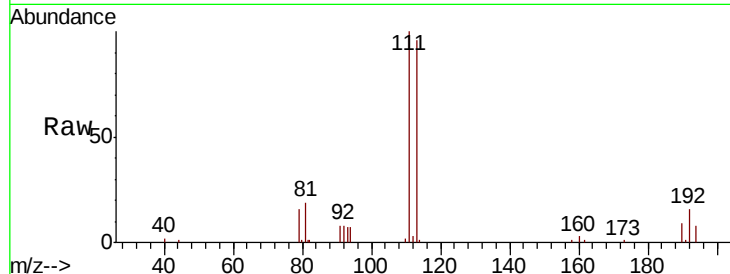




#35
 Dibromofluoromethane
 Concen: 49.142 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

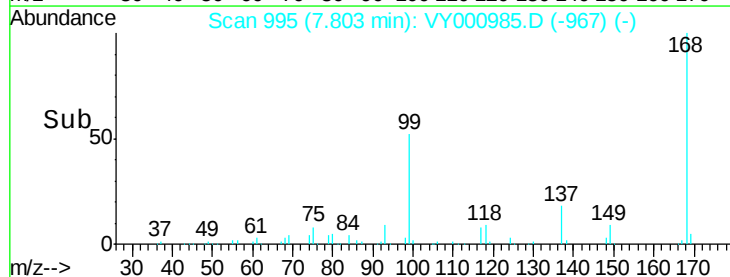
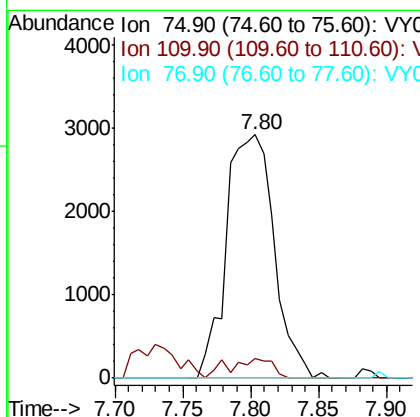
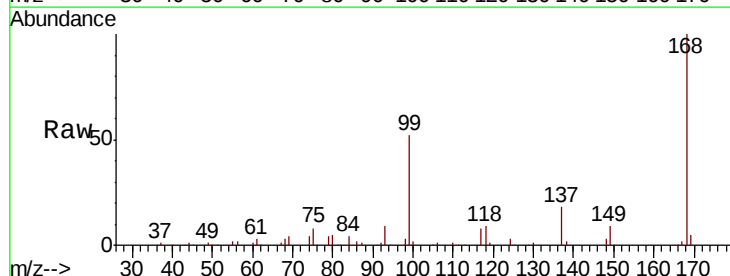
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

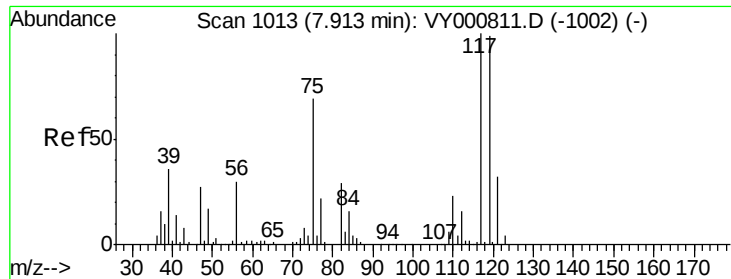
Tgt Ion:113 Resp: 41432
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.4 123.6
 192 17.2 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Tgt Ion: 75 Resp: 7137
 Ion Ratio Lower Upper
 75 100
 110 5.4 17.9 53.7#
 77 0.0 24.7 37.1#

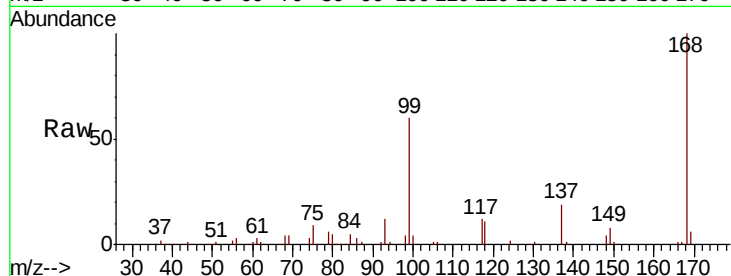




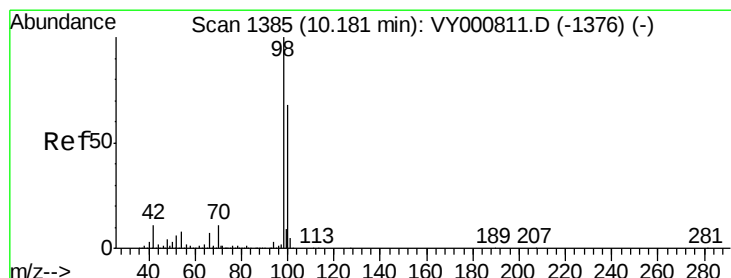
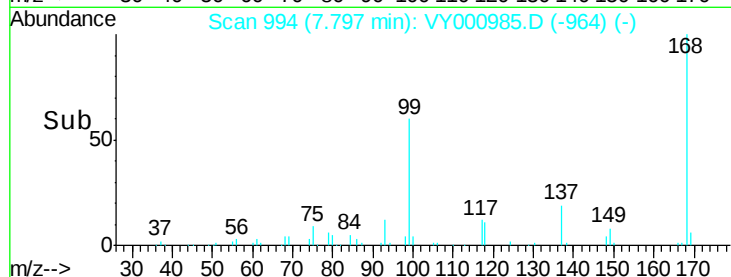
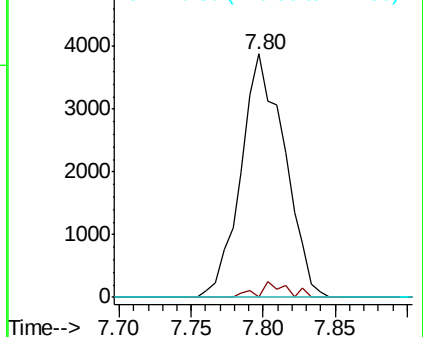
#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Instrument :
MSVOA_Y
ClientSampleId :
PF-J

Tgt Ion:117 Resp: 8179
Ion Ratio Lower Upper
117 100
119 0.0 79.3 118.9#
121 0.0 25.5 38.3#

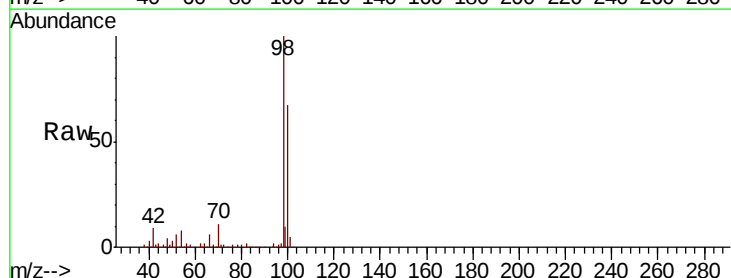


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

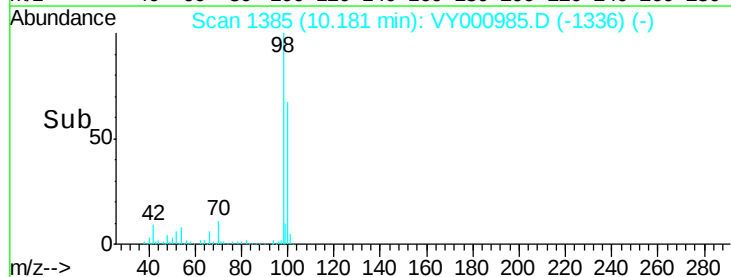
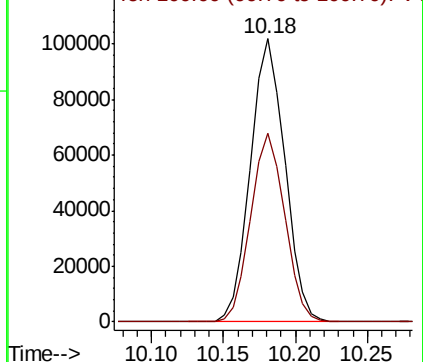


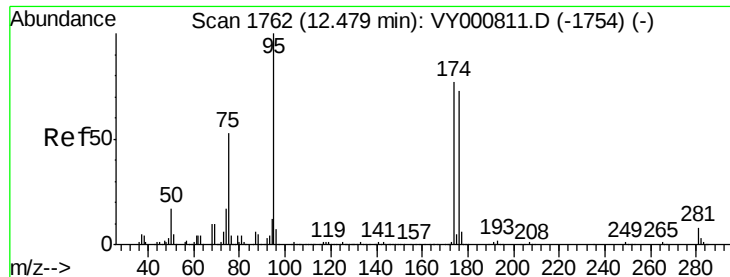
#50
Toluene-d8
Concen: 49.950 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Tgt Ion: 98 Resp: 168367
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

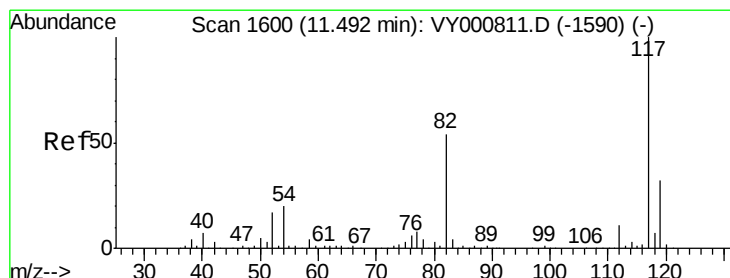
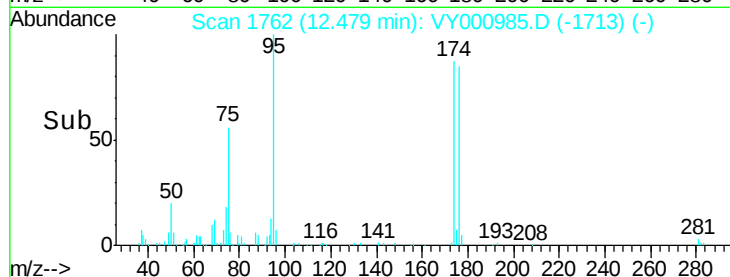
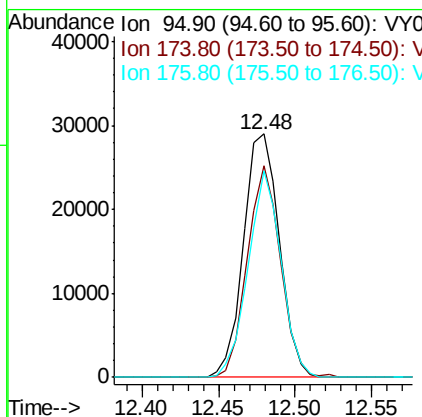
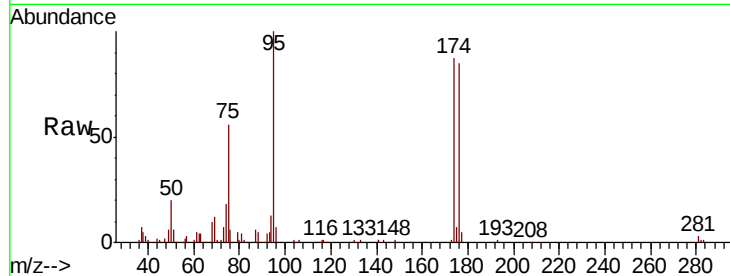




#62
4-Bromofluorobenzene
Concen: 37.371 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

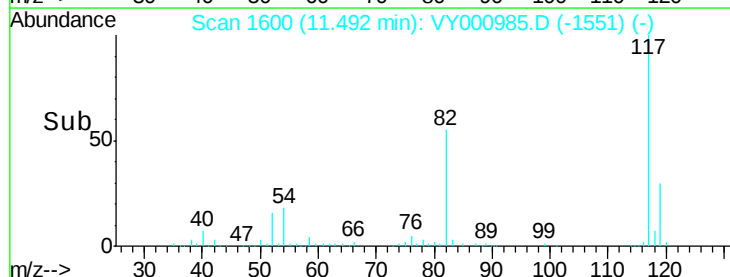
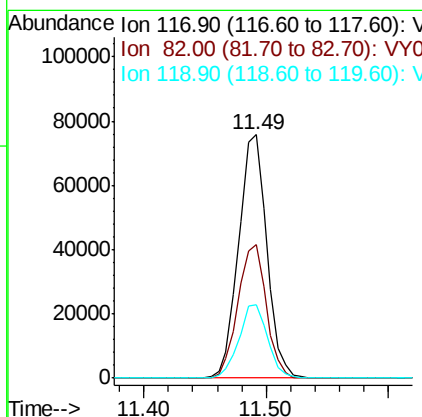
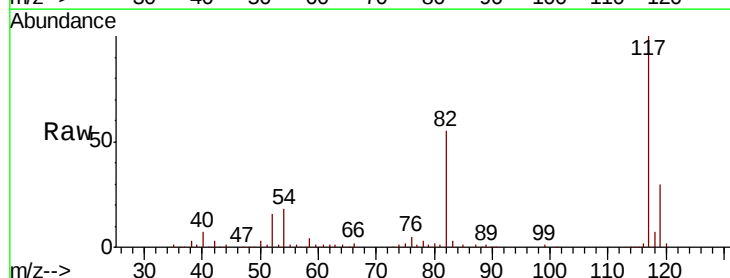
Instrument :
MSVOA_Y
ClientSampleId :
PF-J

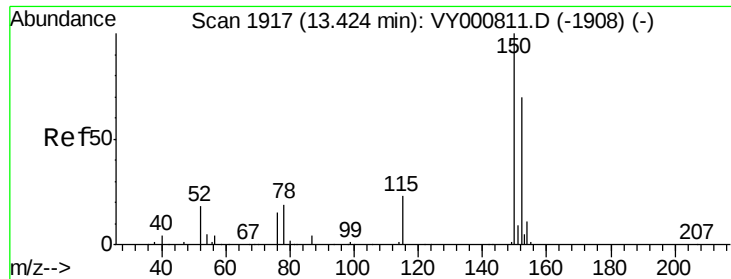
Tgt Ion: 95 Resp: 47307
Ion Ratio Lower Upper
95 100
174 80.6 0.0 150.6
176 78.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Tgt Ion: 117 Resp: 120617
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

Instrument :

MSVOA_Y

ClientSampleId :

PF-J

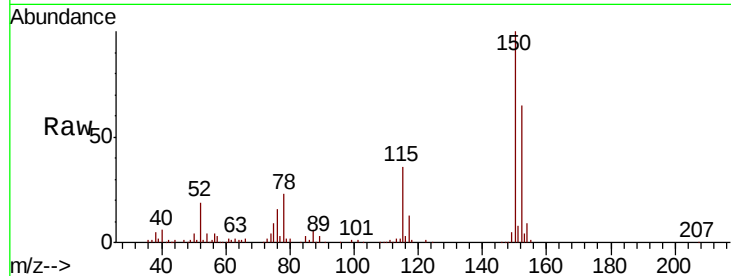
Tgt Ion:152 Resp: 50255

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.8

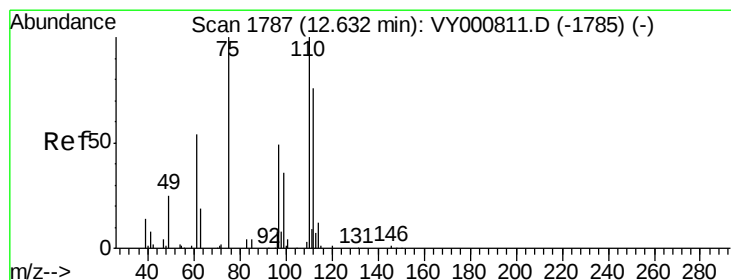
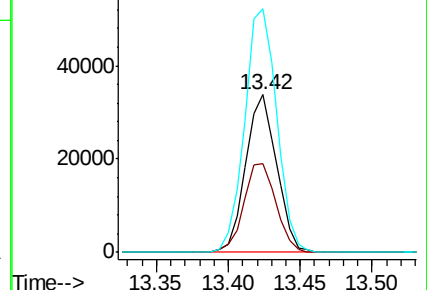
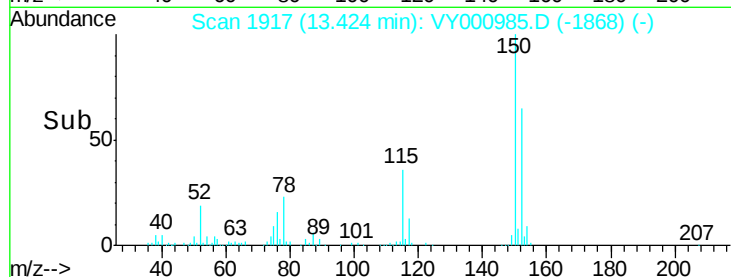
150 160.2 0.0 351.2



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: 44.130 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000985.D

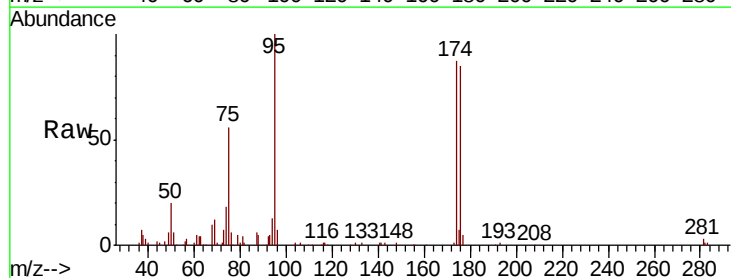
Acq: 17 Dec 2019 17:41

Tgt Ion: 75 Resp: 25127

Ion Ratio Lower Upper

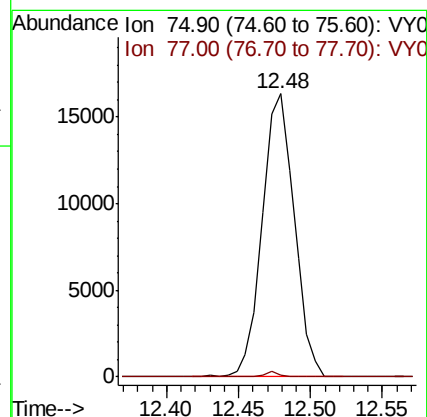
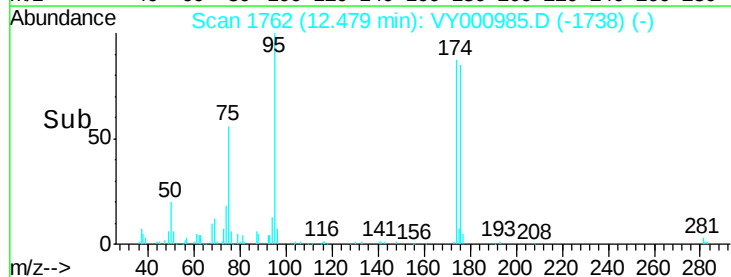
75 100

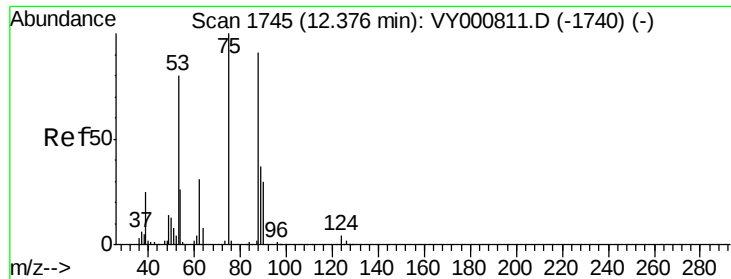
77 0.8 0.0 0.0#



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: 86.684 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

Instrument :

MSVOA_Y

ClientSampleId :

PF-J

Tgt Ion: 75 Resp: 25127

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

