

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003041.D
 Acq On : 30 Jun 2020 17:39
 Operator : SY/MD
 Sample : L3153-40
 Misc : 6.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-K

Quant Time: Jul 01 06:46:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

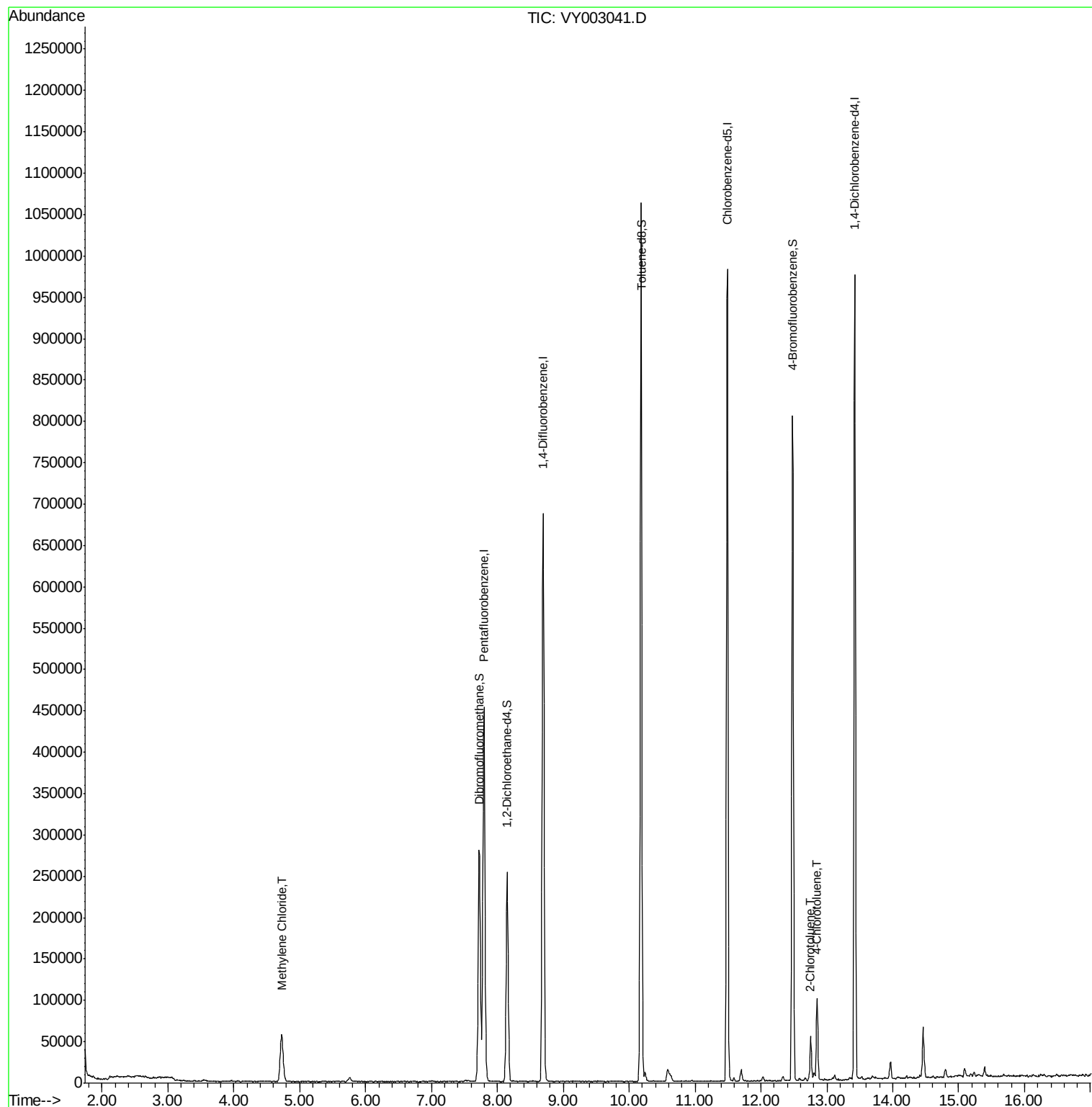
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	203793	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.73	113	196251	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.18	98	704969	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.48	95	239459	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
20) Methylene Chloride	4.72	84	44943	5.429	ug/l	89
79) 2-Chlorotoluene	12.75	91	27160	2.455	ug/l	98
82) 4-Chlorotoluene	12.85	91	53182	4.618	ug/l	98

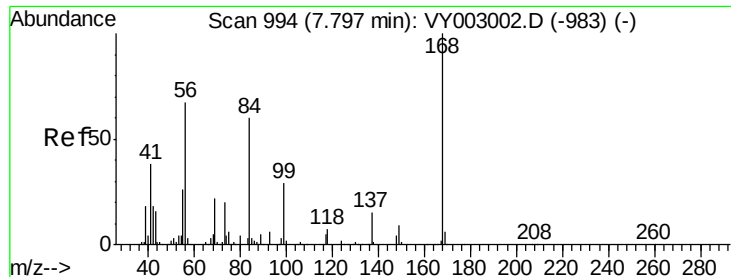
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003041.D
Acq On : 30 Jun 2020 17:39
Operator : SY/MD
Sample : L3153-40
Misc : 6.41G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP2-K

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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

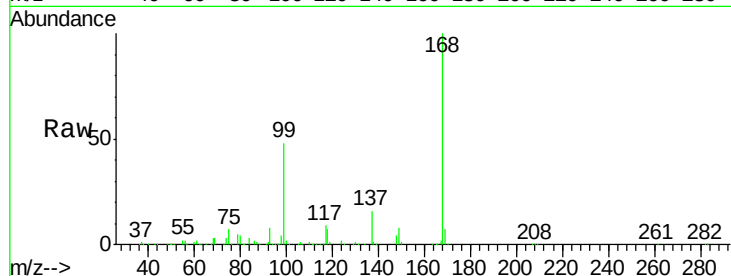
SP2-K

Tot Ion:168 Resp: 369282

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

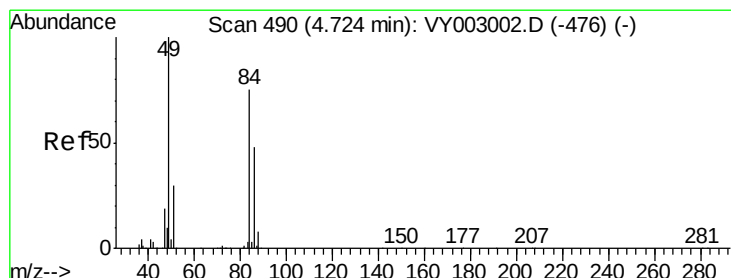
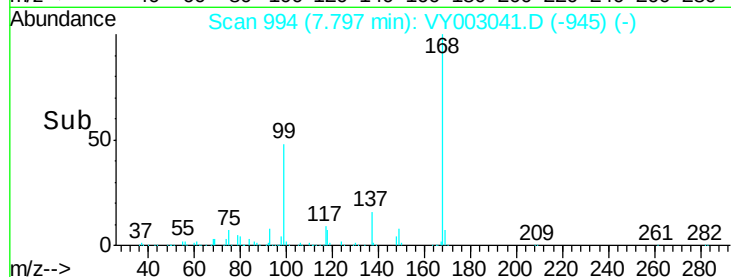
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.429 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Tgt Ion: 84 Resp: 44943

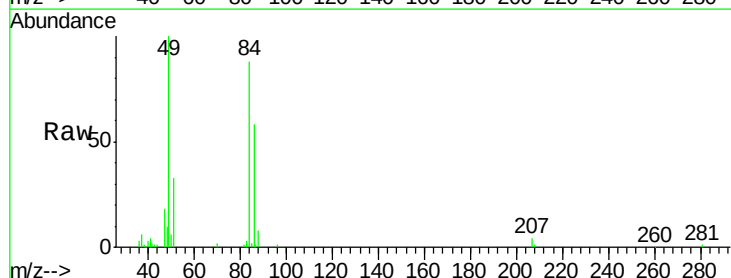
Ion Ratio Lower Upper

84 100

49 113.8 106.8 160.2

51 38.0 32.0 48.0

86 66.5 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003002.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003002.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003002.D (-476) (-)

4.72

25000

20000

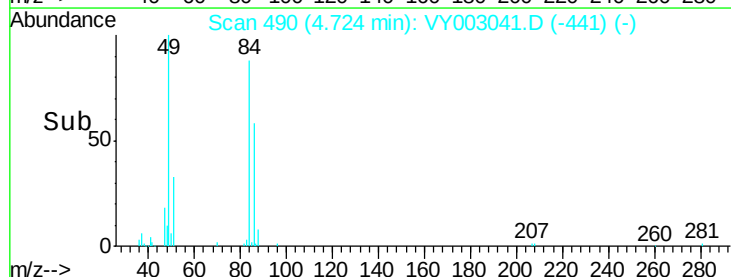
15000

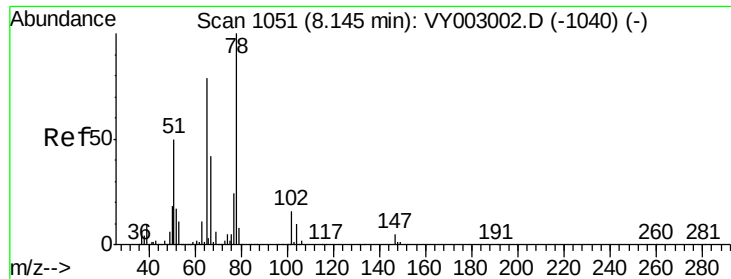
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5000

0

Time-->

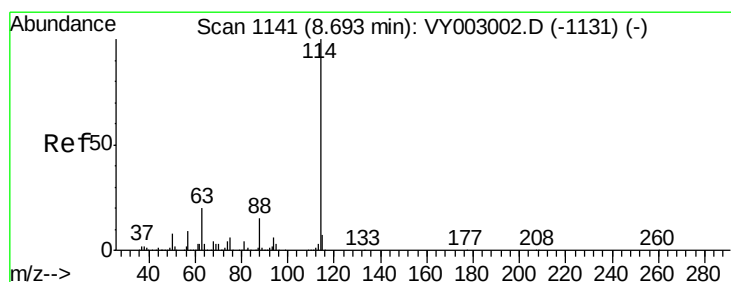
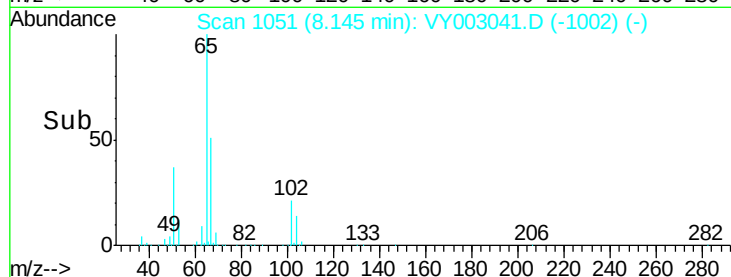
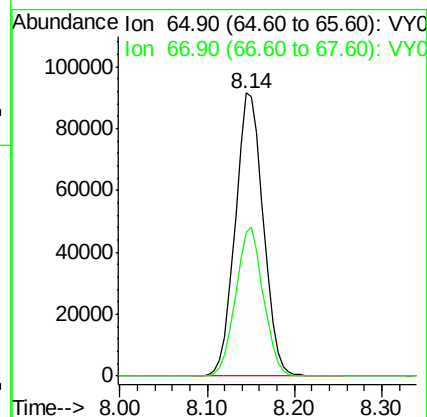
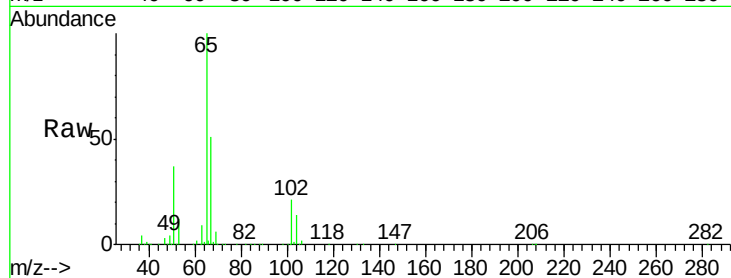




#33
 1,2-Dichloroethane-d4
 Concen: 55.564 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003041.D
 Acq: 30 Jun 2020 17:39

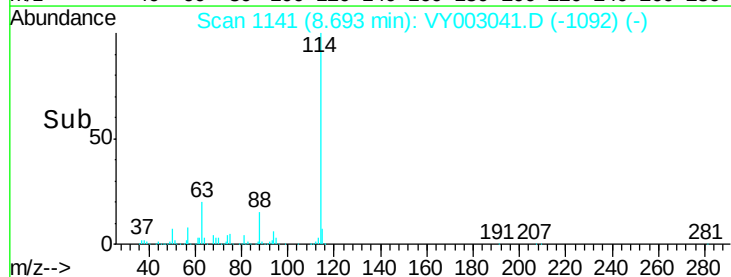
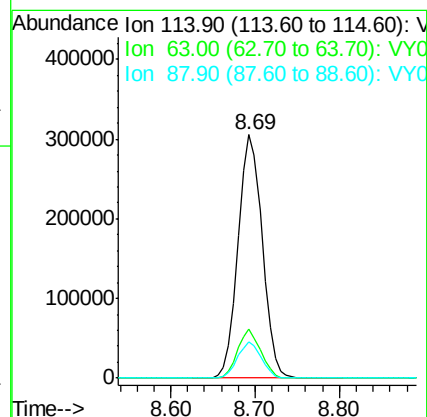
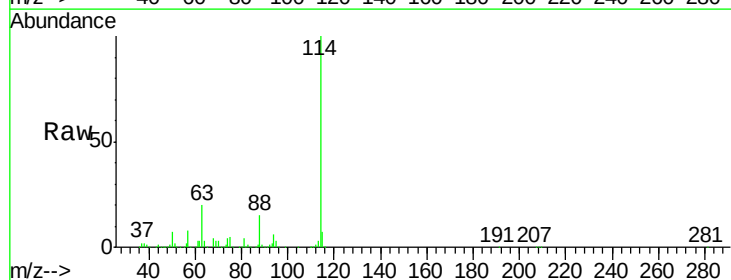
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-K

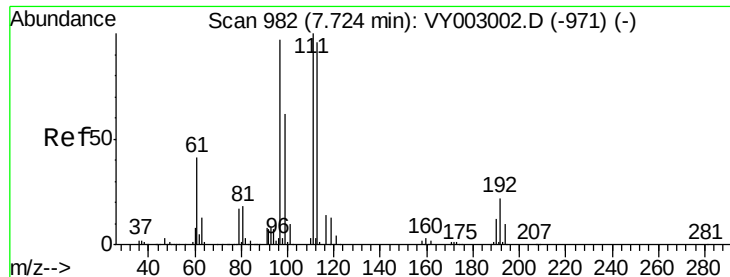
Tot Ion: 65 Resp: 203793
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003041.D
 Acq: 30 Jun 2020 17:39

Tgt Ion: 114 Resp: 591675
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.1 0.0 30.0

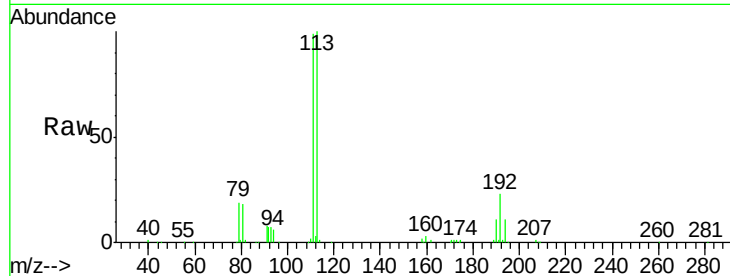




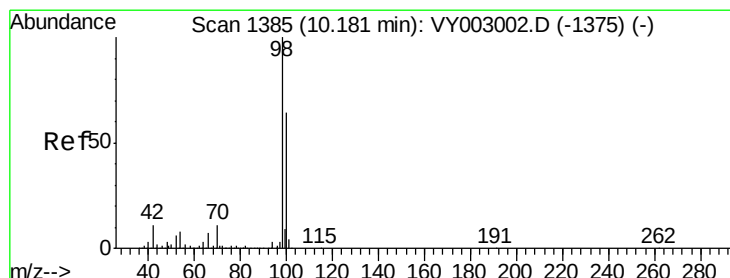
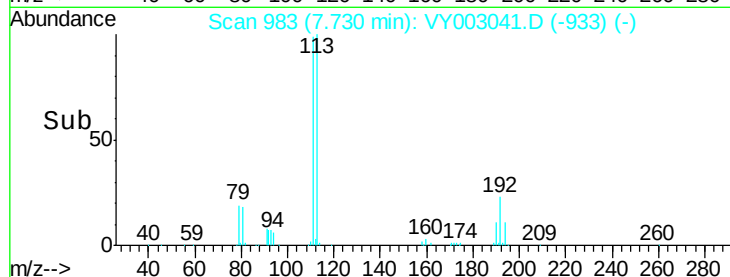
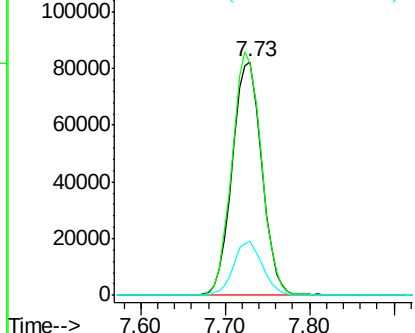
#35
 Dibromofluoromethane
 Concen: 53.171 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003041.D
 Acq: 30 Jun 2020 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-K

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	22.6	18.1	27.1

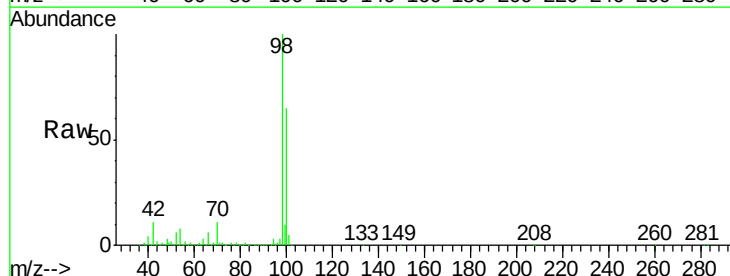


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

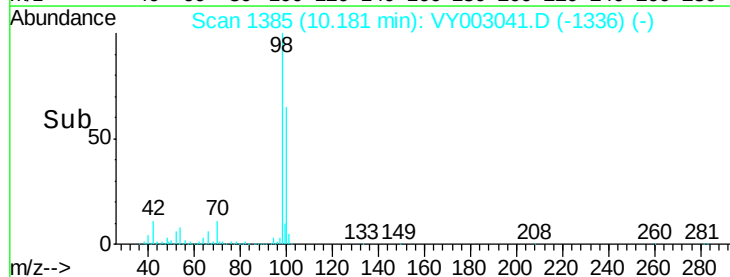
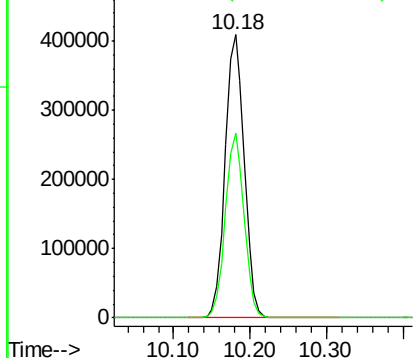


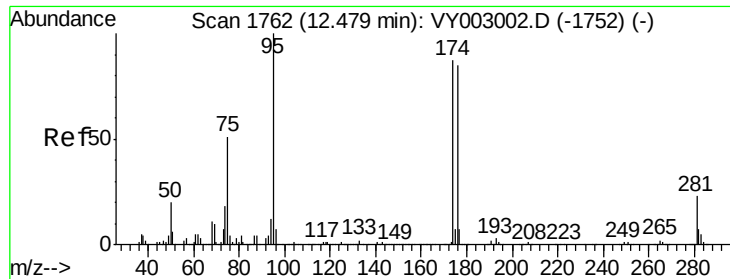
#50
 Toluene-d8
 Concen: 51.269 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003041.D
 Acq: 30 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7



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

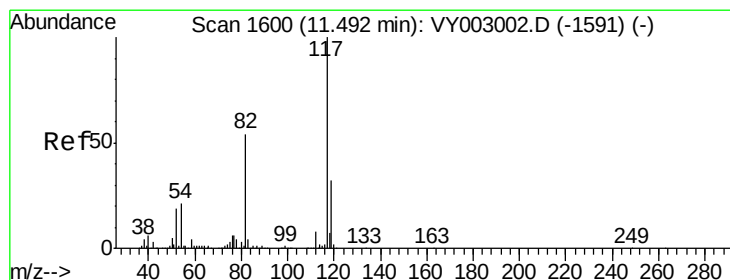
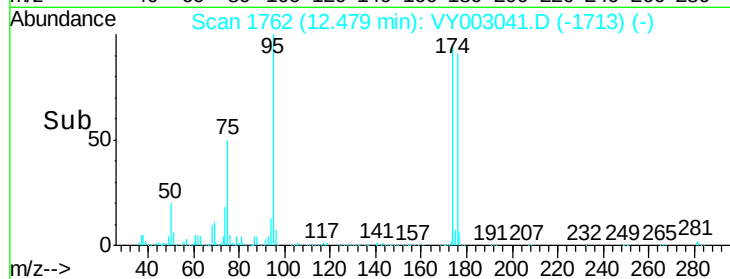
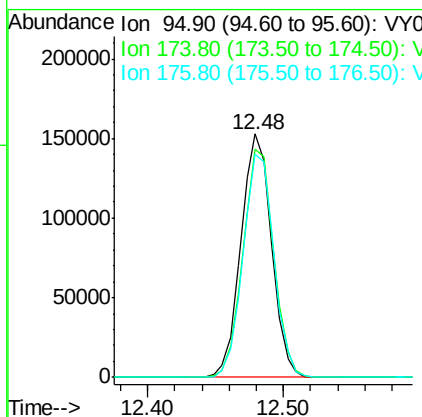
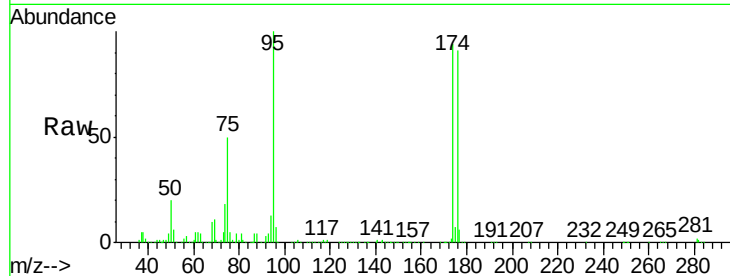




#62
4-Bromofluorobenzene
Concen: 49.473 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

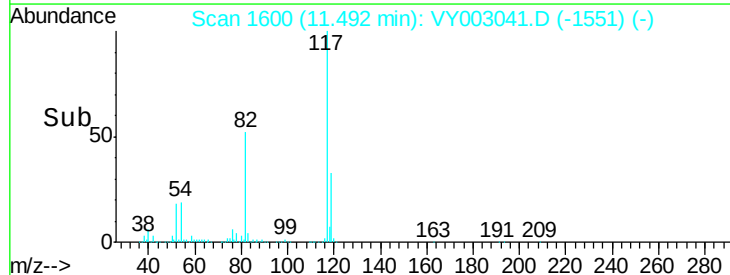
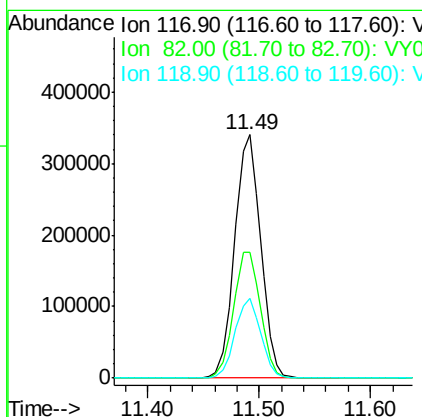
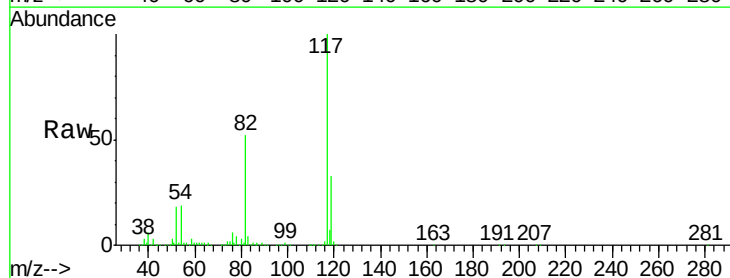
Instrument :
MSVOA_Y
ClientSampled :
SP2-K

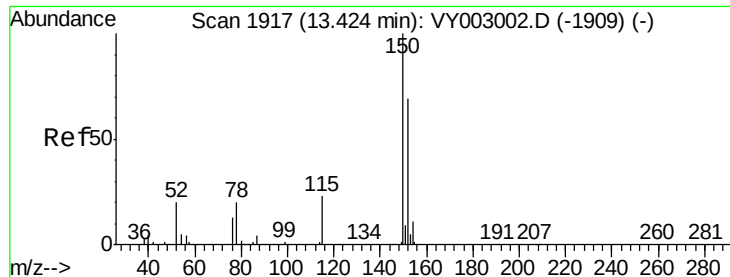
Tot Ion	95	Resp	239459
Ion Ratio	Lower	Upper	
95	100		
174	94.7	0.0	184.8
176	92.2	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Tgt Ion	117	Resp	550586
Ion Ratio	Lower	Upper	
117	100		
82	51.8	43.0	64.6
119	32.6	25.8	38.8



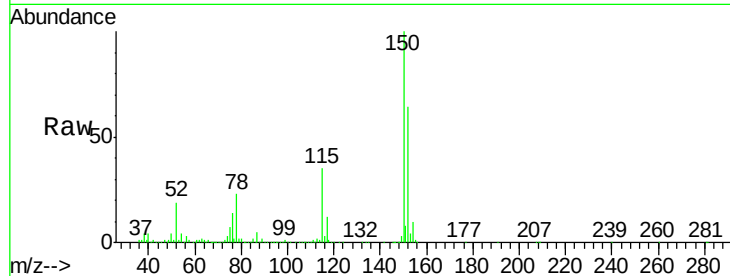


#72

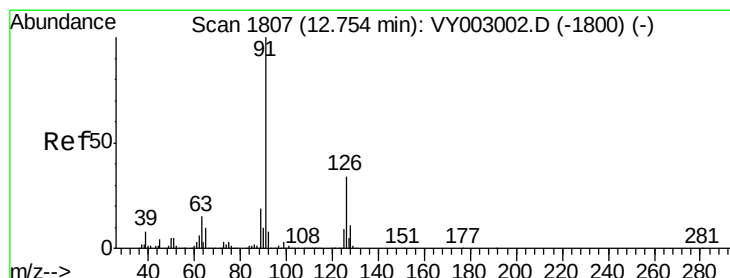
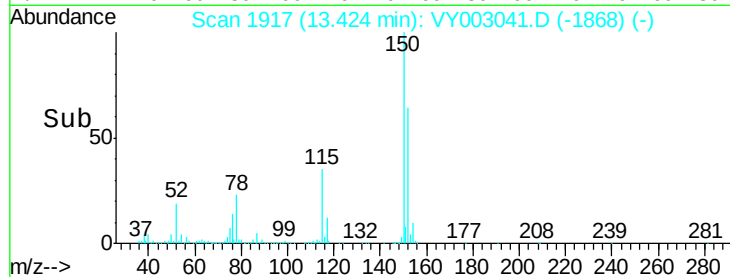
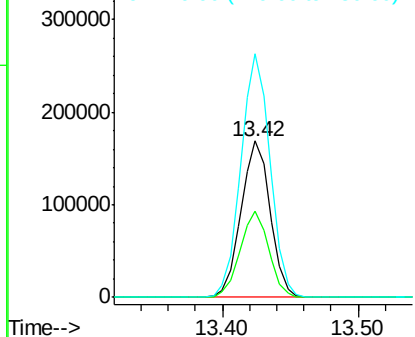
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Instrument :
MSVOA_Y
ClientSampleId :
SP2-K

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	156.5	0.0	343.4



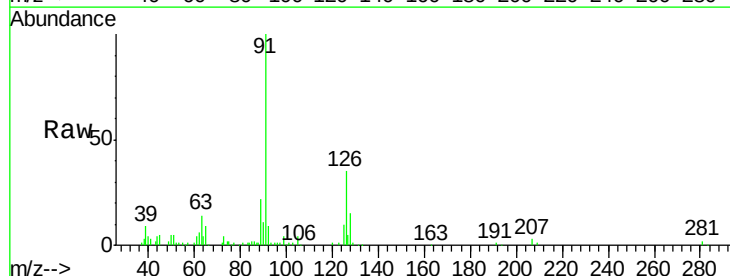
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



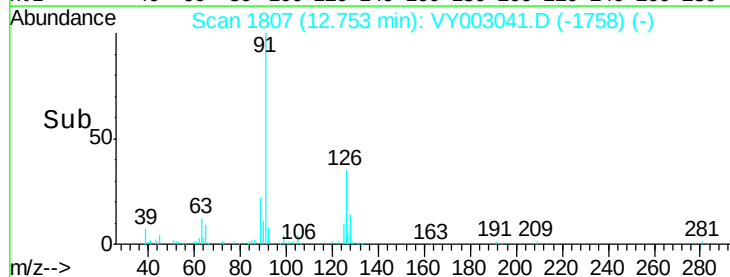
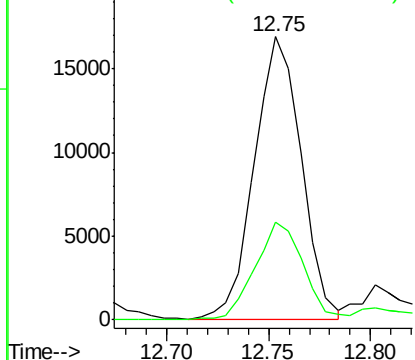
#79

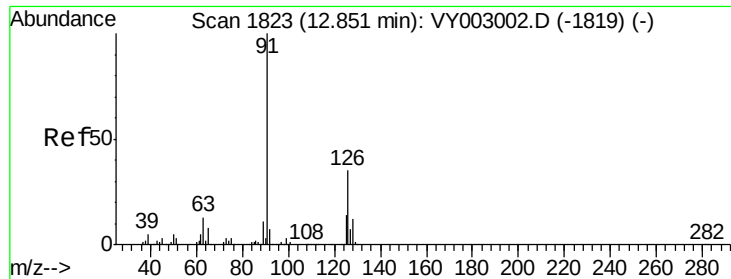
2-Chlorotoluene
Concen: 2.455 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.1	51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#82
 4-Chlorotoluene
 Concen: 4.618 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003041.D
 Acq: 30 Jun 2020 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-K

Tot Ion: 91 Resp: 53182
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.4 52.3

