

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002639.D
 Acq On : 08 May 2020 13:52
 Operator : SY/MD
 Sample : L2503-01
 Misc : 8.66G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-050720

Quant Time: May 09 04:26:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

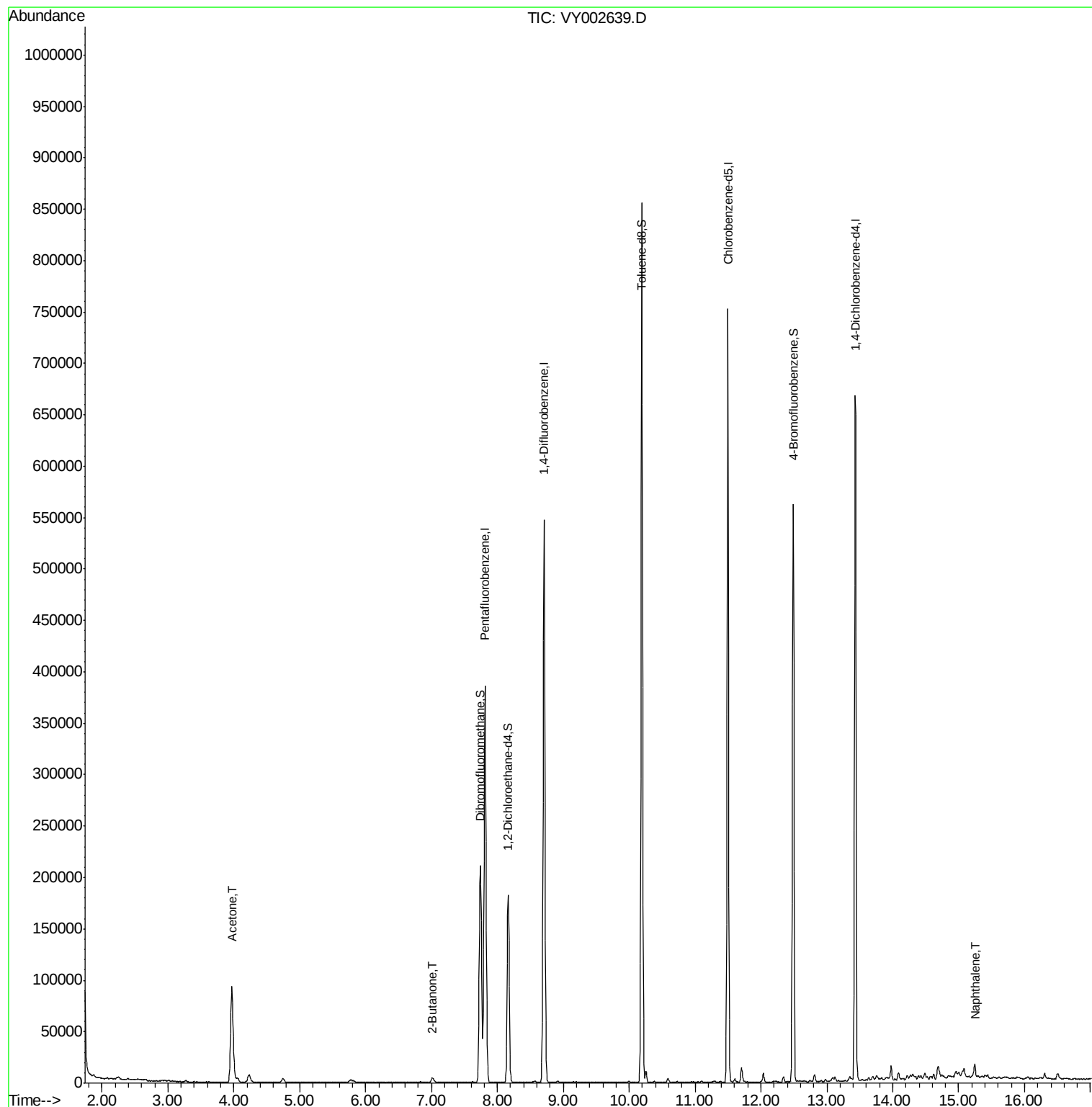
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	323116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	498121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	434331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	185891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	139876	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	7.74	113	150749	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
50) Toluene-d8	10.19	98	577429	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.49	95	173011	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
16) Acetone	3.97	43	161618	288.247	ug/l	99
25) 2-Butanone	7.02	43	5108	5.565	ug/l	94
95) Naphthalene	15.25	128	11966	1.777	ug/l	99

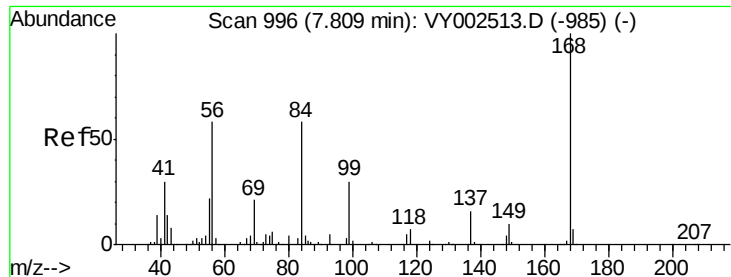
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002639.D

Acq: 08 May 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

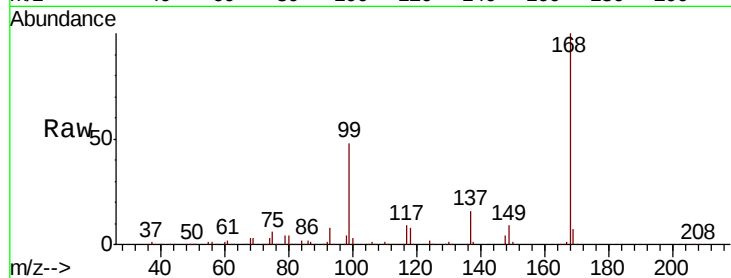
OR-03-050720

Tot Ion:168 Resp: 323116

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

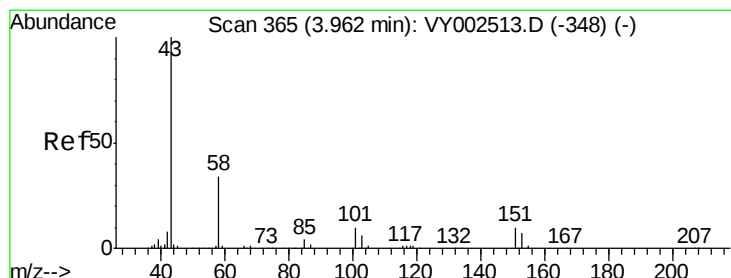
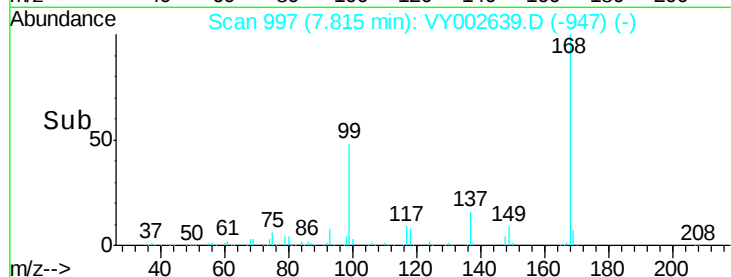
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 288.247 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002639.D

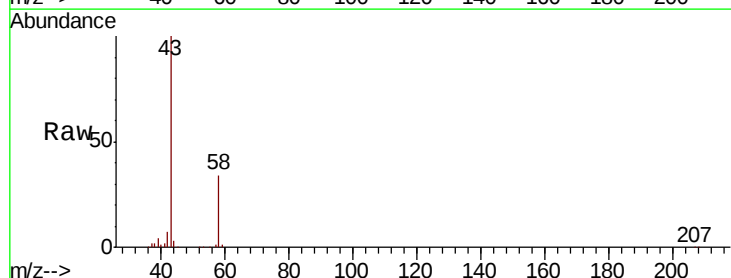
Acq: 08 May 2020 13:52

Tgt Ion: 43 Resp: 161618

Ion Ratio Lower Upper

43 100

58 34.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.97

60000

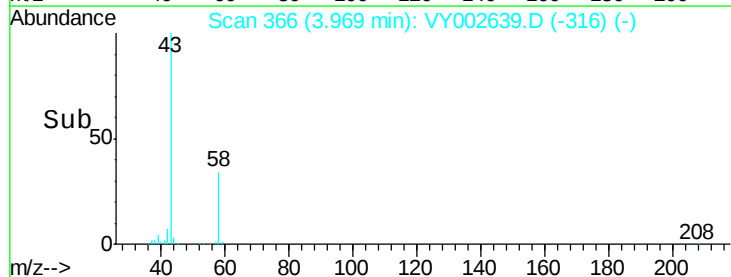
40000

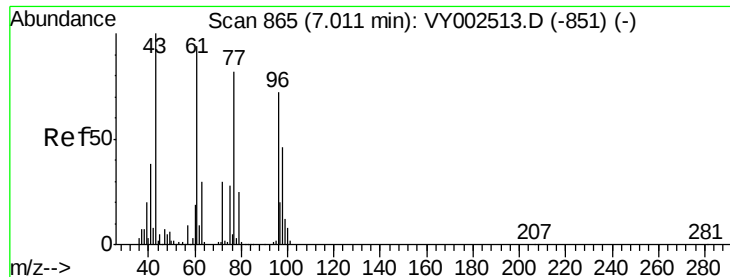
20000

0

3.80 3.90 4.00 4.10 4.20

Time-->

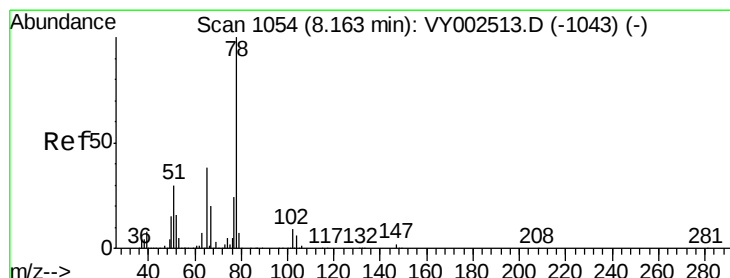
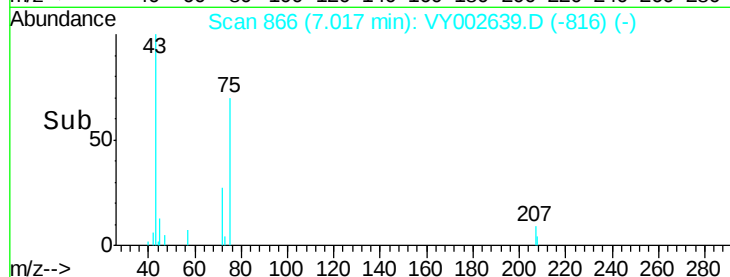
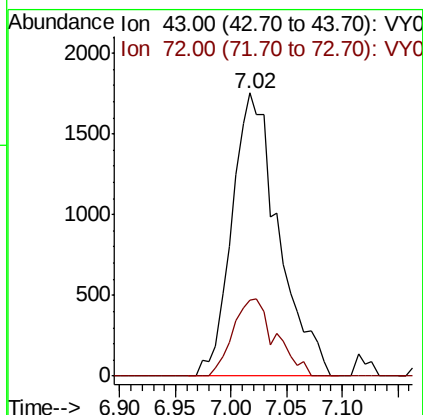
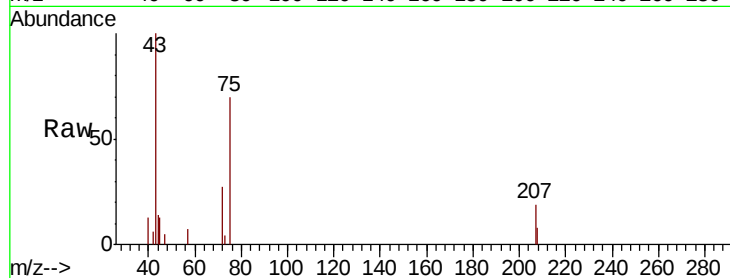




#25
2-Butanone
Concen: 5.565 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002639.D
Acq: 08 May 2020 13:52

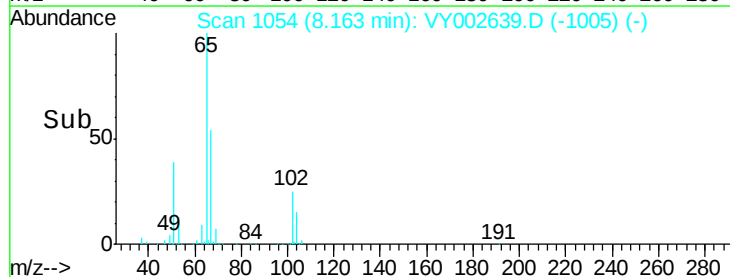
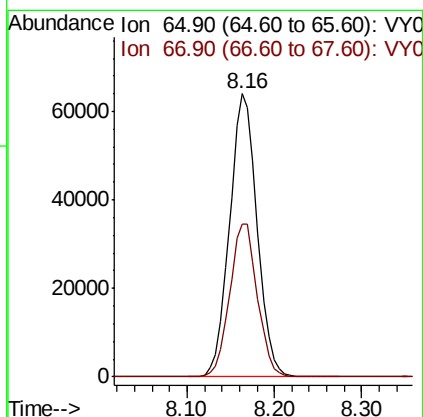
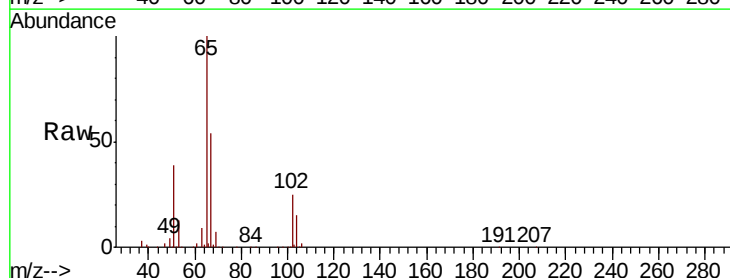
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-050720

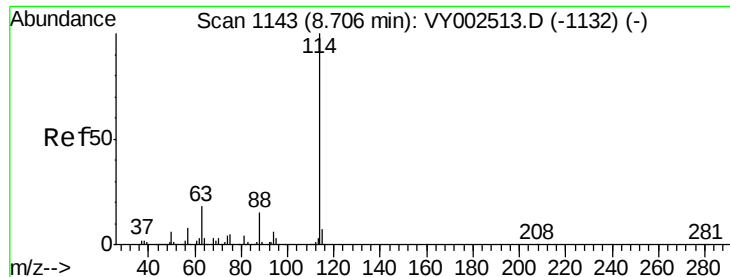
Tot Ion: 43 Resp: 5108
Ion Ratio Lower Upper
43 100
72 27.0 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 51.485 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002639.D
Acq: 08 May 2020 13:52

Tgt Ion: 65 Resp: 139876
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

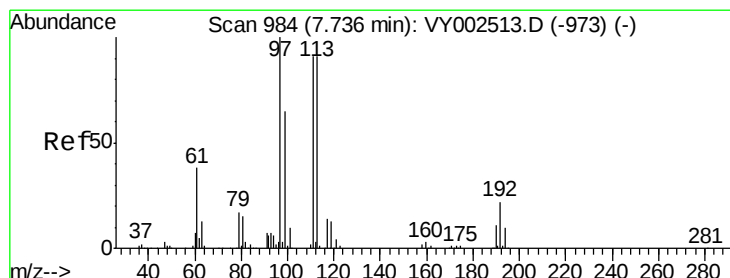
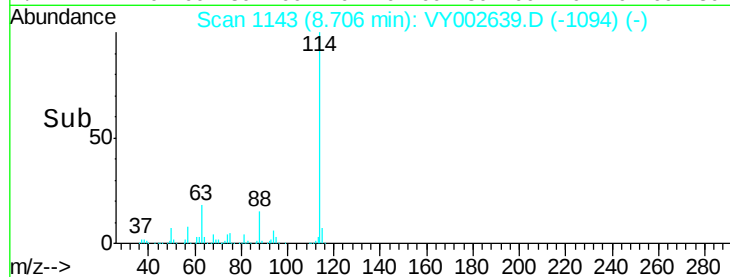
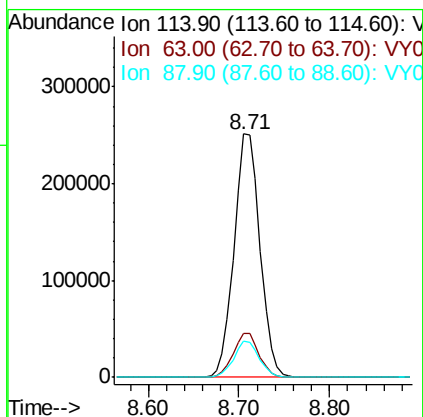
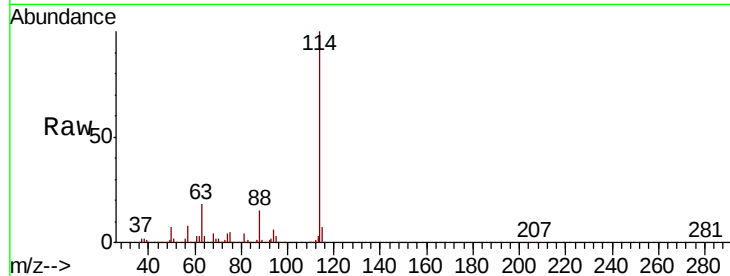




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002639.D
 Acq: 08 May 2020 13:52

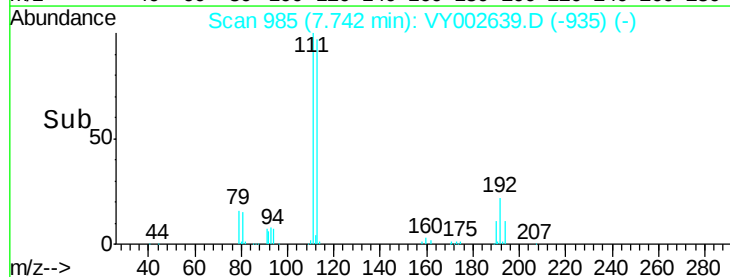
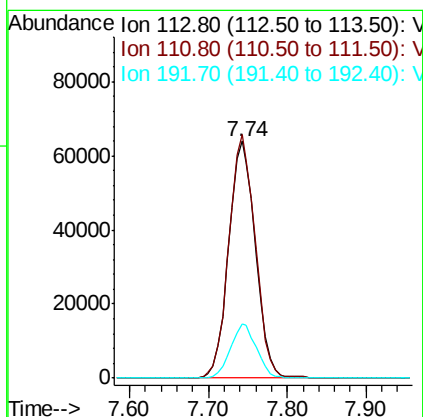
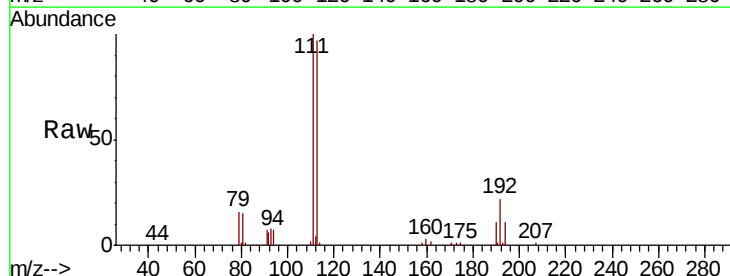
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-050720

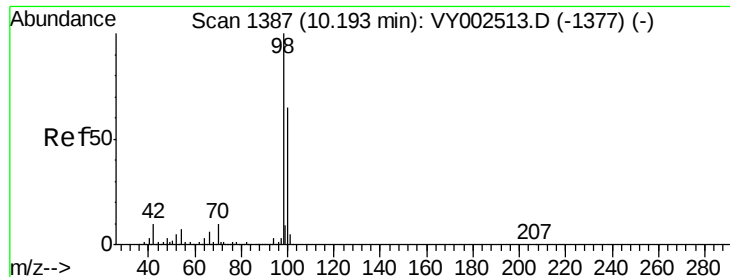
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.4
88	14.9	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 52.917 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002639.D
 Acq: 08 May 2020 13:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.3	18.2	27.4





#50

Toluene-d8

Concen: 51.904 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002639.D

Acq: 08 May 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

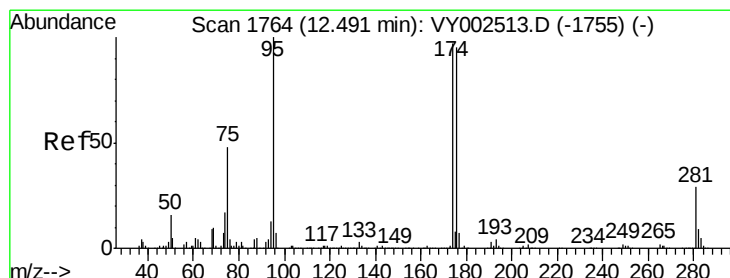
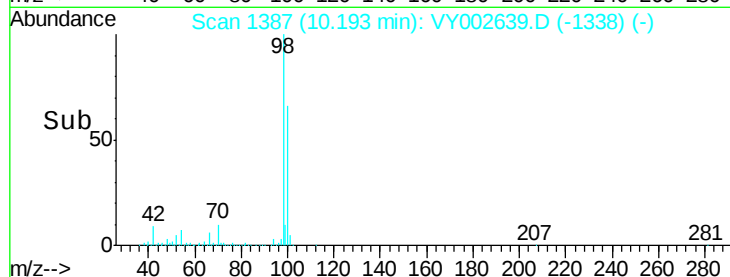
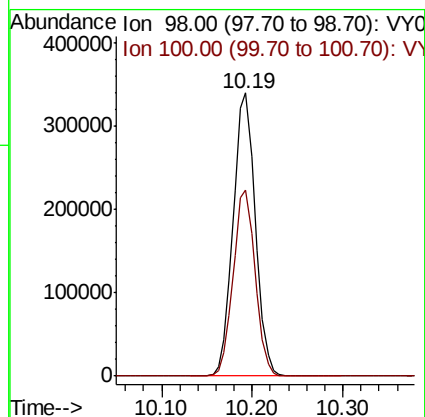
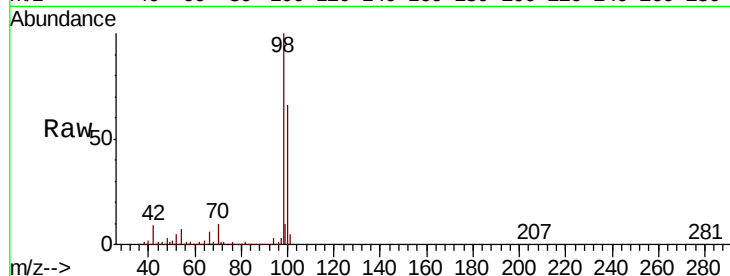
OR-03-050720

Tot Ion: 98 Resp: 577429

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.831 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002639.D

Acq: 08 May 2020 13:52

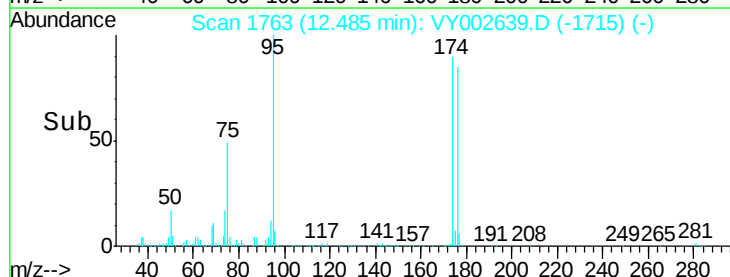
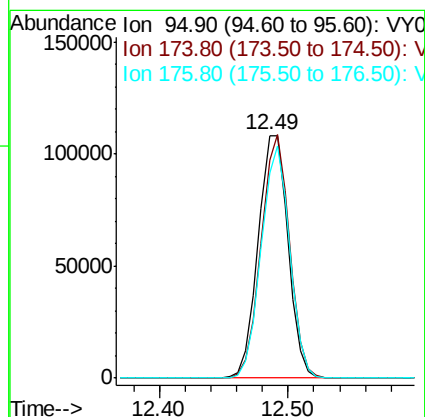
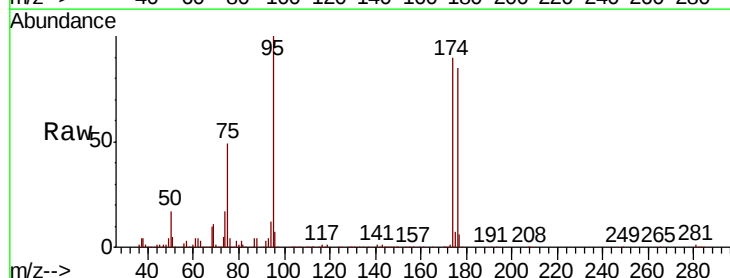
Tgt Ion: 95 Resp: 173011

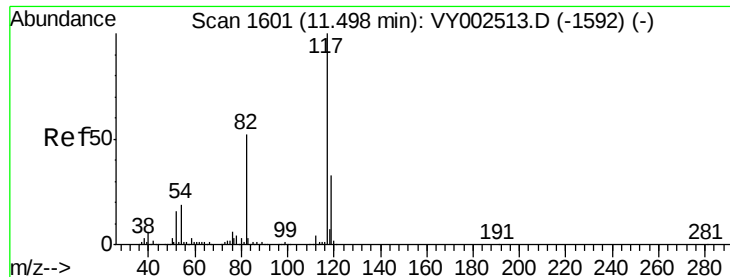
Ion Ratio Lower Upper

95 100

174 95.4 0.0 188.8

176 91.4 0.0 183.2

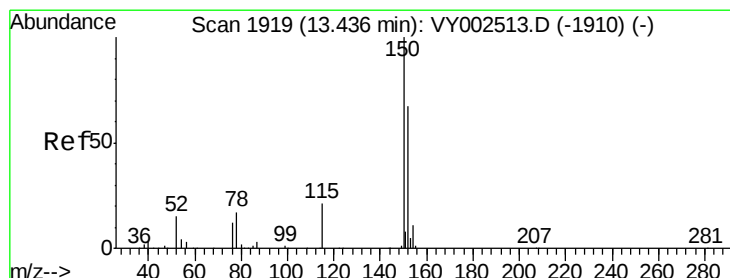
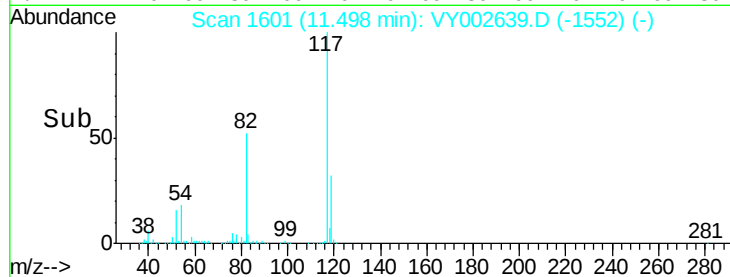
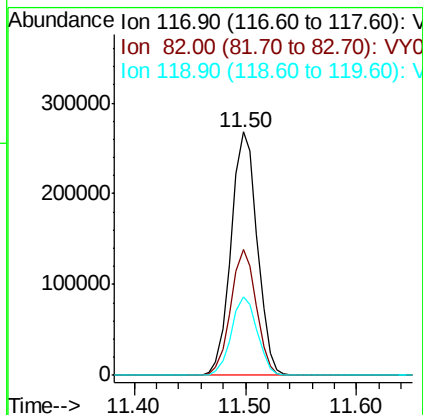
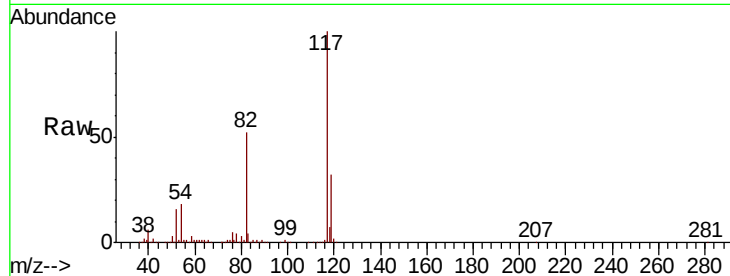




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002639.D
Acq: 08 May 2020 13:52

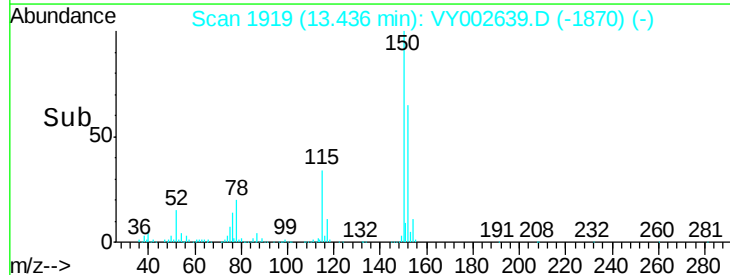
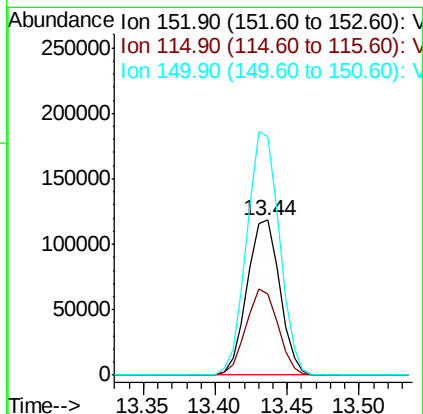
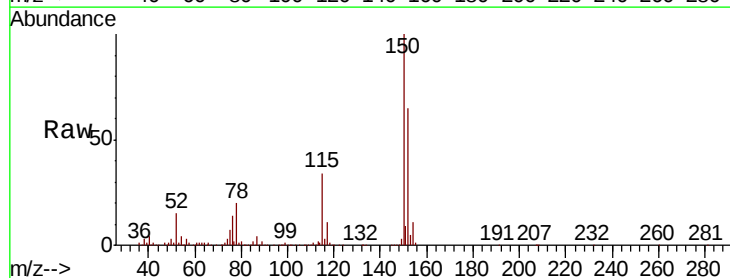
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-050720

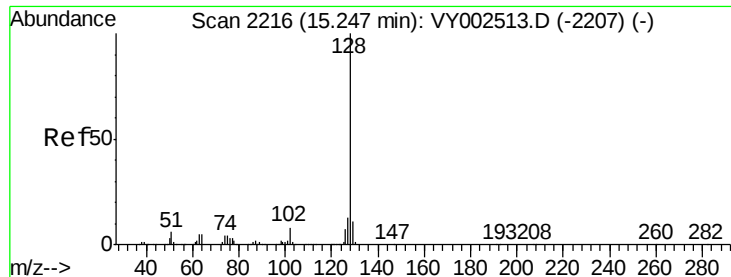
Tot Ion:117 Resp: 434331
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002639.D
Acq: 08 May 2020 13:52

Tgt Ion:152 Resp: 185891
Ion Ratio Lower Upper
152 100
115 54.8 27.5 82.4
150 156.8 0.0 346.4





#95

Naphthalene

Concen: 1.777 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002639.D

Acq: 08 May 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-050720

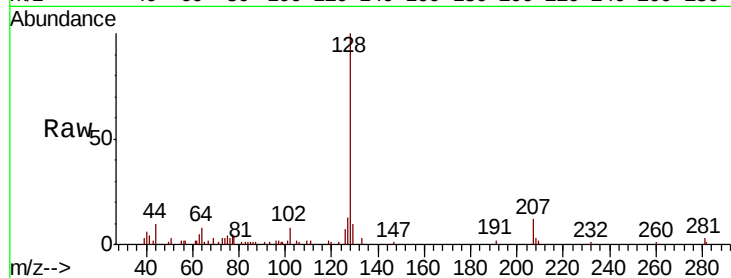
Tot Ion:128 Resp: 11966

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

