

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003274.D
 Acq On : 22 Jul 2020 01:14
 Operator : SY/MD
 Sample : L3360-01
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1A

Quant Time: Jul 22 04:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	645043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	588807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	277609	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	212728	61.24	ug/l	0.00
Spiked Amount			Recovery	=	122.48%	
35) Dibromofluoromethane	7.72	113	72311	19.48	ug/l	0.00
Spiked Amount			Recovery	=	38.96%	
50) Toluene-d8	10.18	98	782458	56.70	ug/l	0.00
Spiked Amount			Recovery	=	113.40%	
62) 4-Bromofluorobenzene	12.48	95	247713	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

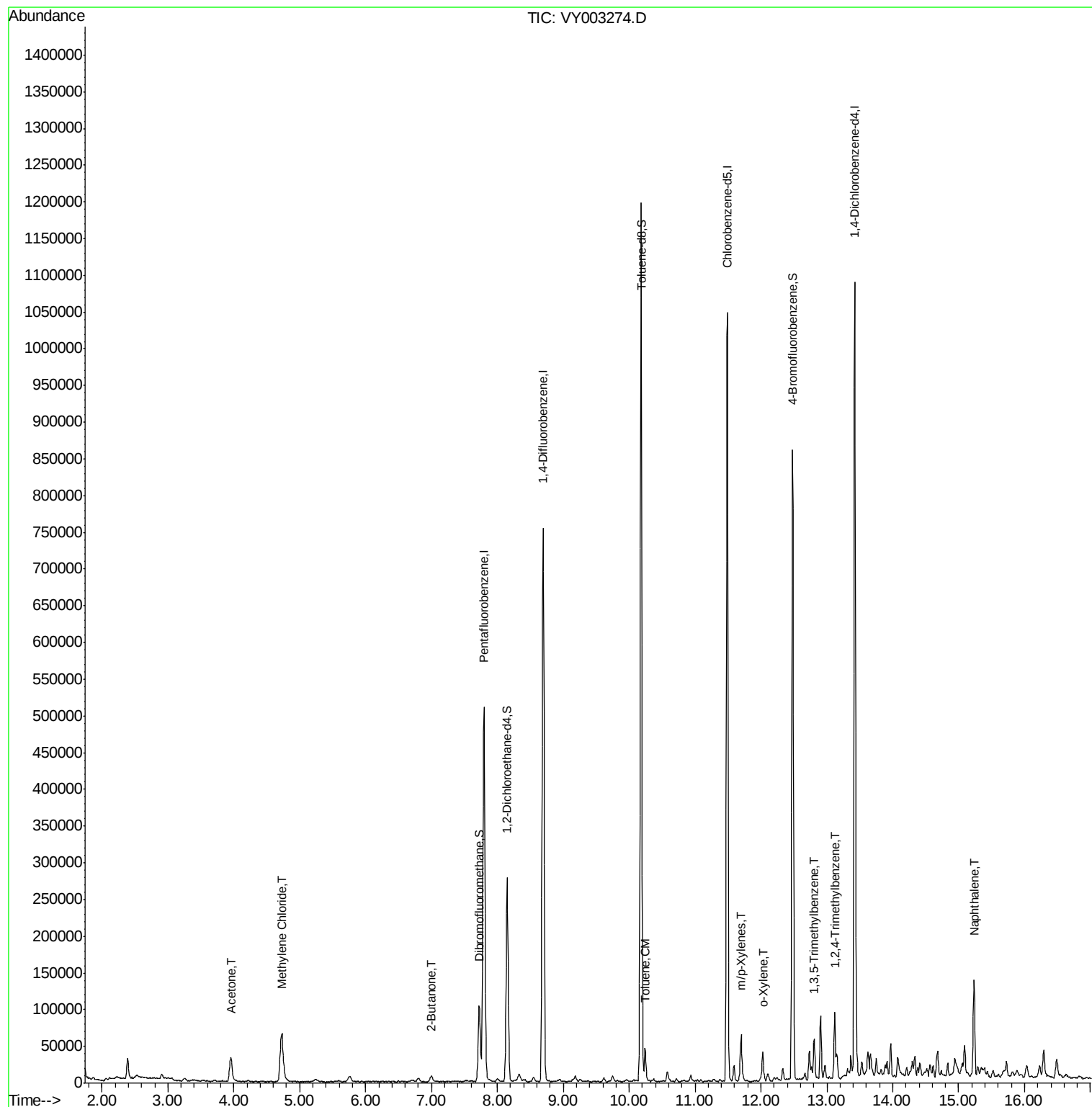
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	56372	72.656	ug/l	95
20) Methylene Chloride	4.72	84	50940	8.486	ug/l	91
25) 2-Butanone	6.99	43	12818	10.062	ug/l #	86
52) Toluene	10.24	92	16692	1.622	ug/l	100
68) m/p-Xylenes	11.69	106	19613	2.552	ug/l	99
69) o-Xylene	12.02	106	9265	1.291	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	17160	1.164	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	48611	3.277	ug/l	99
95) Naphthalene	15.23	128	104269	11.851	ug/l	99

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

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MSVOA_Y
ClientSampleId :
SP-1A

Quant Time: Jul 22 04:29:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003274.D

Acq: 22 Jul 2020 01:14

Instrument :

MSVOA_Y

ClientSampled :

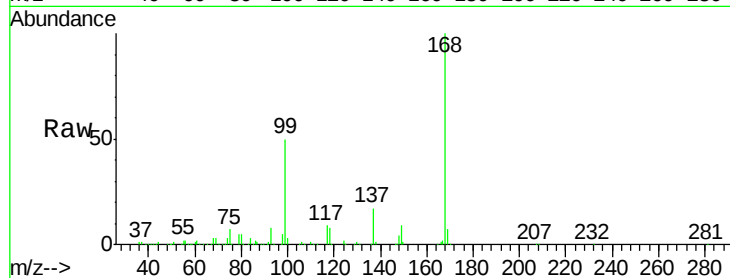
SP-1A

Tot Ion:168 Resp: 411533

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003274.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003274.D (-945) (-)

7.80

200000

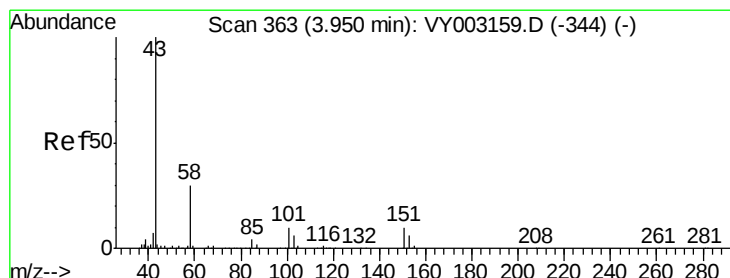
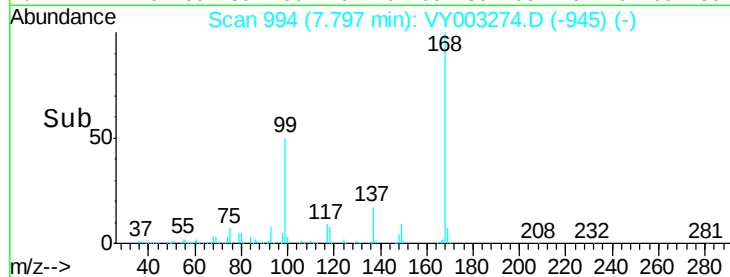
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 72.656 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003274.D

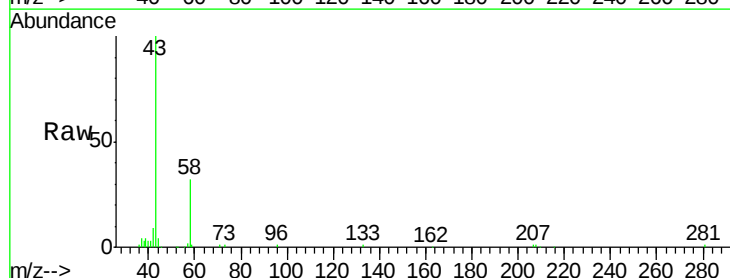
Acq: 22 Jul 2020 01:14

Tgt Ion: 43 Resp: 56372

Ion Ratio Lower Upper

43 100

58 32.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003274.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003274.D (-314) (-)

3.96

20000

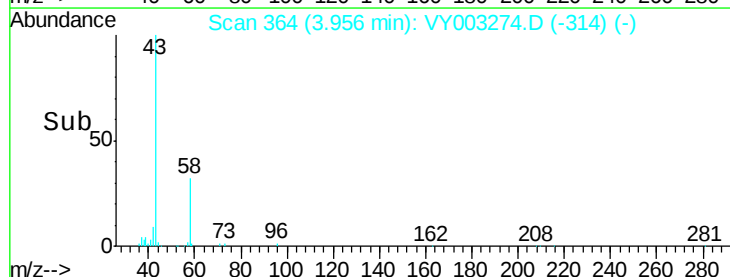
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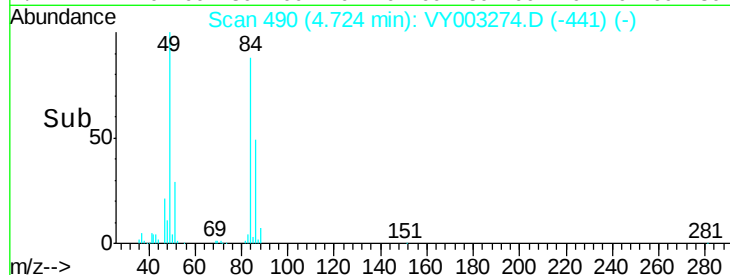
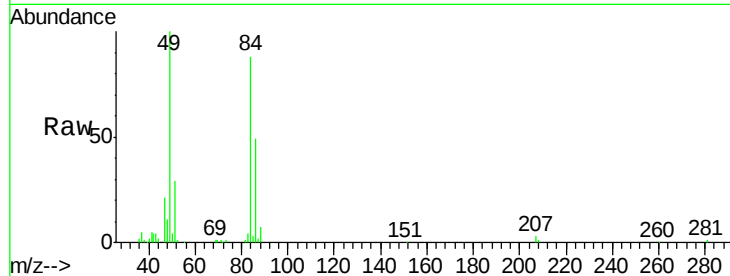
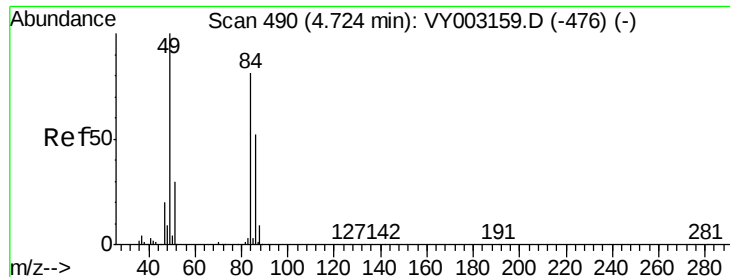
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5000

0

Time-->

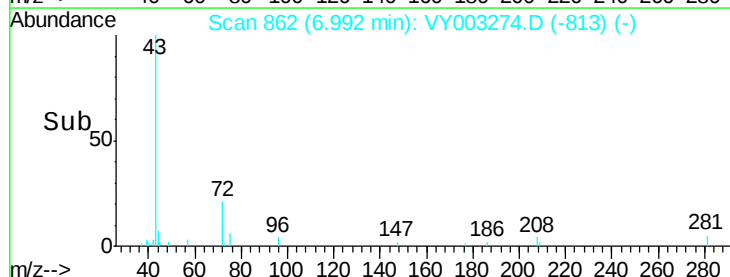
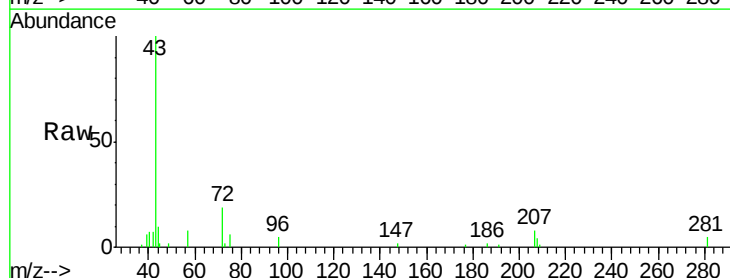
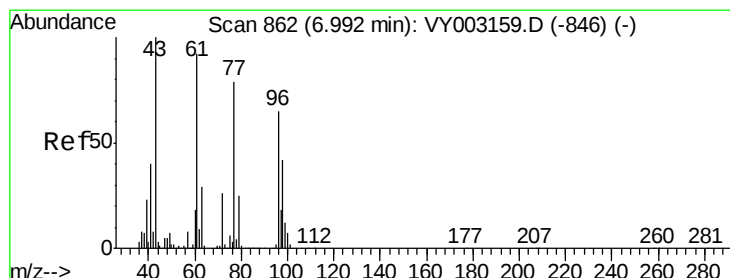
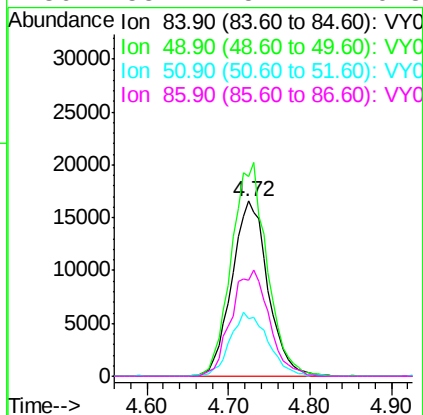




#20
Methylene Chloride
Concen: 8.486 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

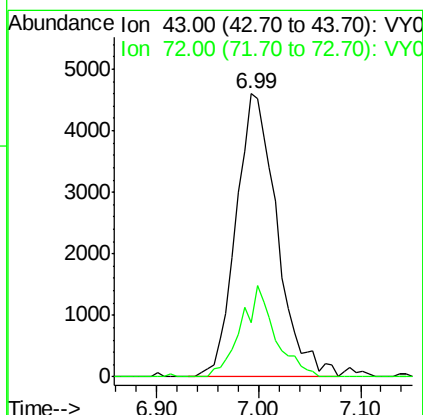
Instrument :
MSVOA_Y
ClientSampled :
SP-1A

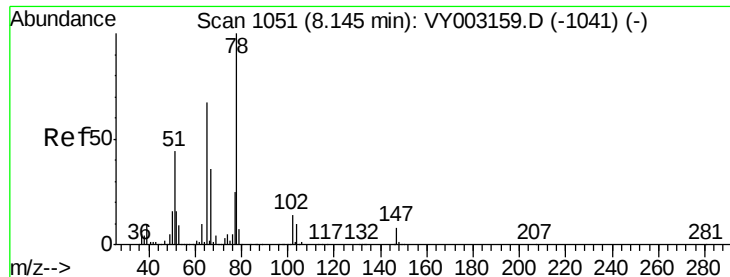
Tot Ion:	84	Resp:	50940
Ion	Ratio	Lower	Upper
84	100		
49	113.8	98.2	147.4
51	32.8	29.8	44.6
86	55.2	51.2	76.8



#25
2-Butanone
Concen: 10.062 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

Tgt Ion:	43	Resp:	12818
Ion	Ratio	Lower	Upper
43	100		
72	19.1	20.9	31.3#

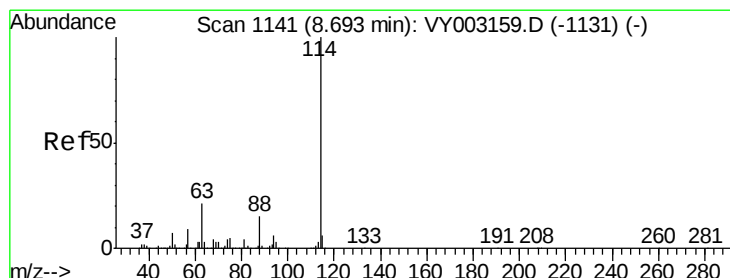
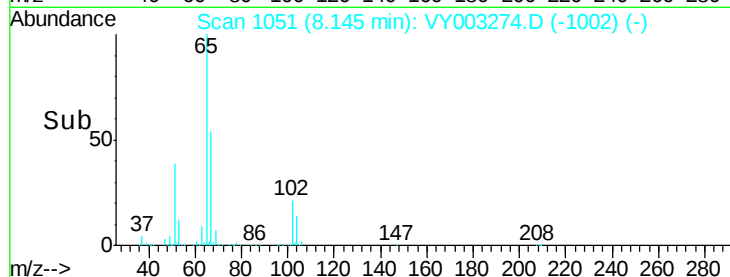
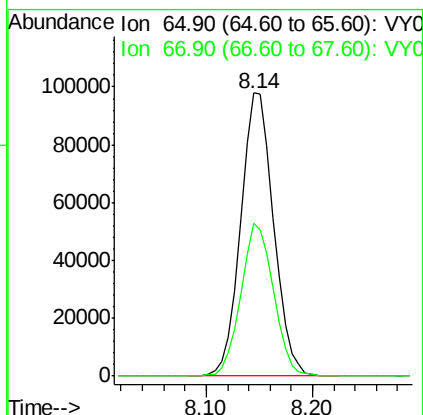
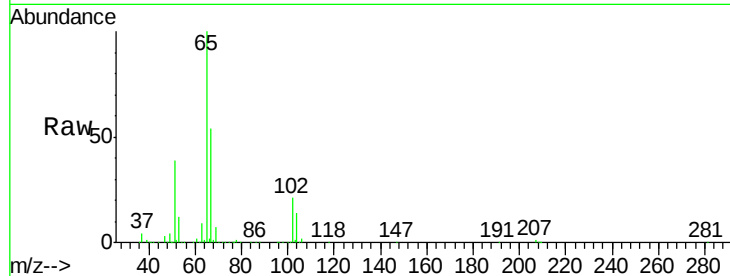




#33
 1,2-Dichloroethane-d4
 Concen: 61.243 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003274.D
 Acq: 22 Jul 2020 01:14

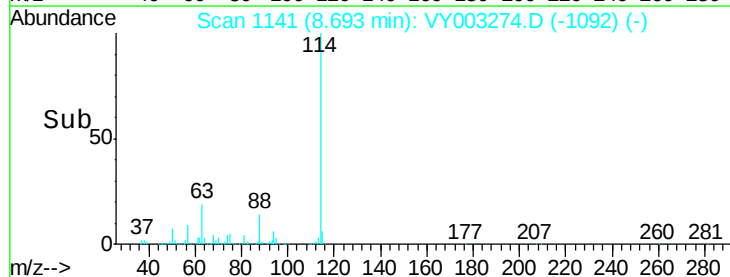
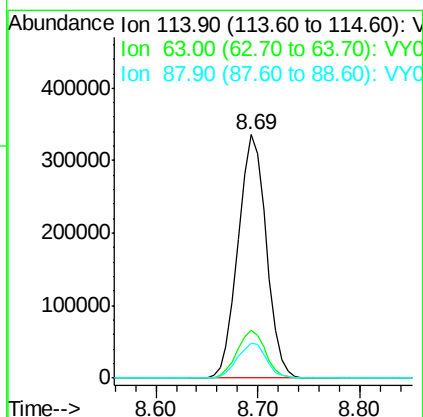
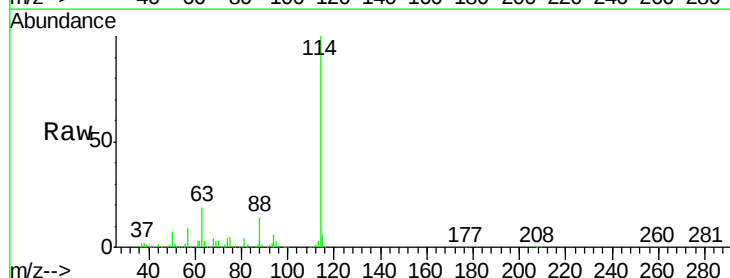
Instrument :
 MSVOA_Y
 ClientSampled :
 SP-1A

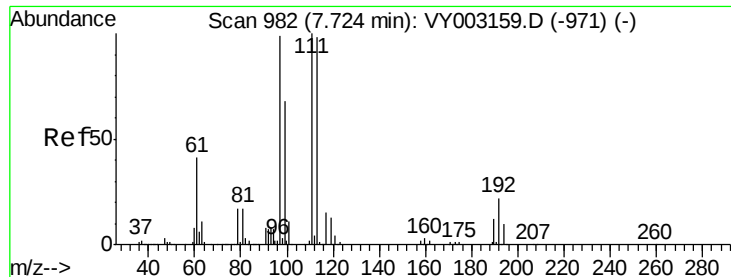
Tot Ion: 65 Resp: 212728
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003274.D
 Acq: 22 Jul 2020 01:14

Tgt Ion: 114 Resp: 645043
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.3 0.0 30.2

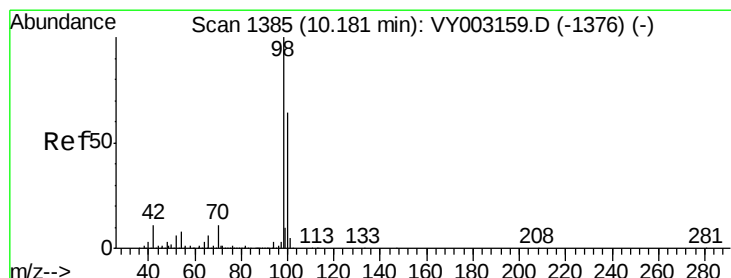
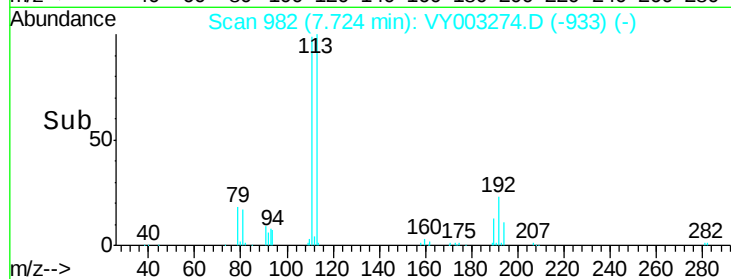
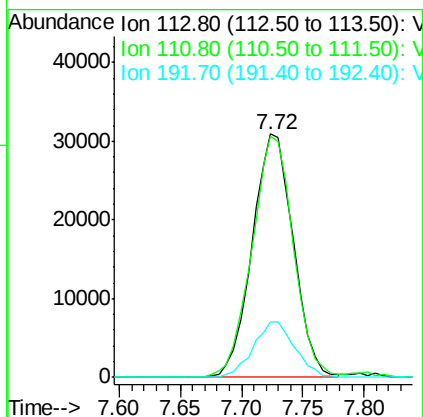
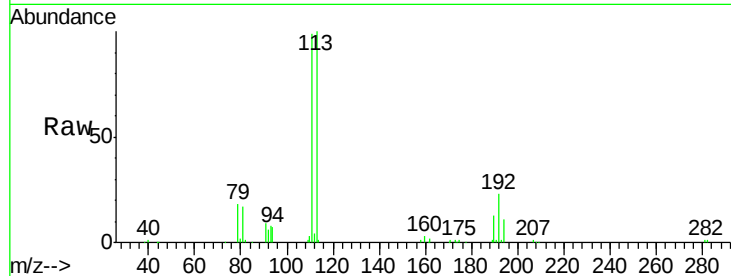




#35
 Dibromofluoromethane
 Concen: 19.480 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003274.D
 Acq: 22 Jul 2020 01:14

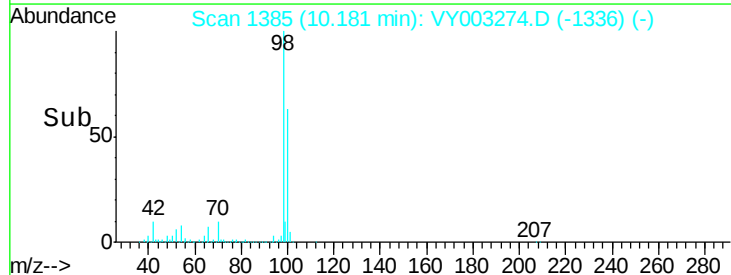
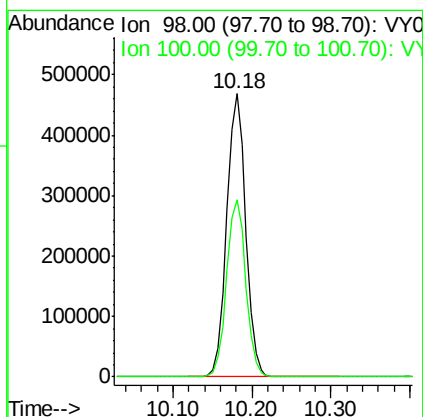
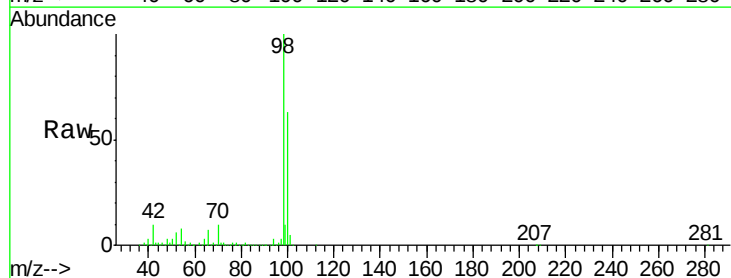
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1A

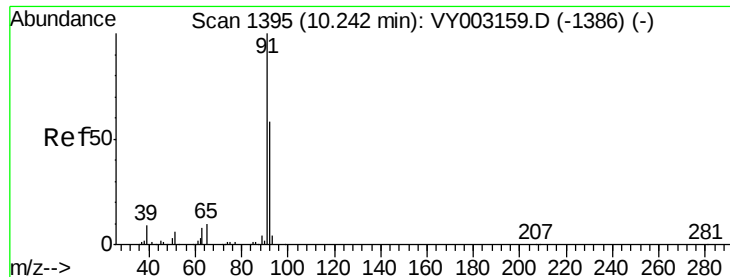
Tot Ion:113 Resp: 72311
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.1 123.1
 192 23.0 18.8 28.2



#50
 Toluene-d8
 Concen: 56.696 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003274.D
 Acq: 22 Jul 2020 01:14

Tgt Ion: 98 Resp: 782458
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.7 76.1





#52

Toluene

Concen: 1.622 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003274.D

Acq: 22 Jul 2020 01:14

Instrument :

MSVOA_Y

ClientSampleId :

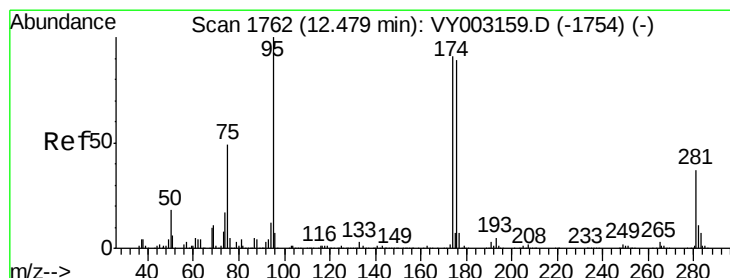
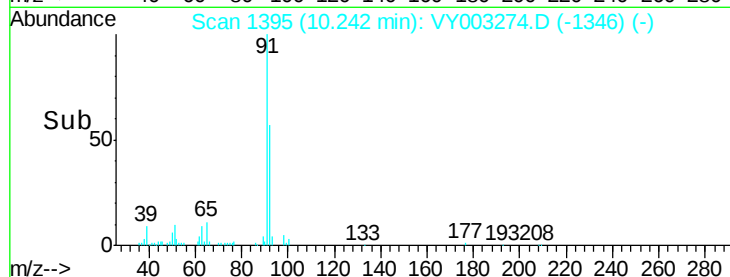
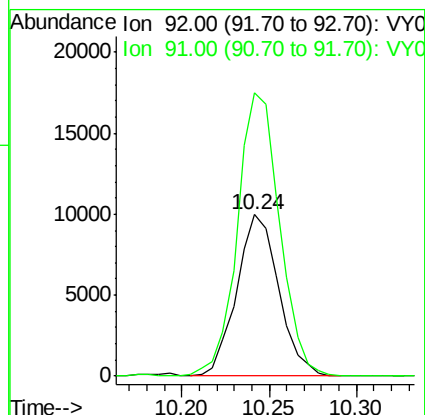
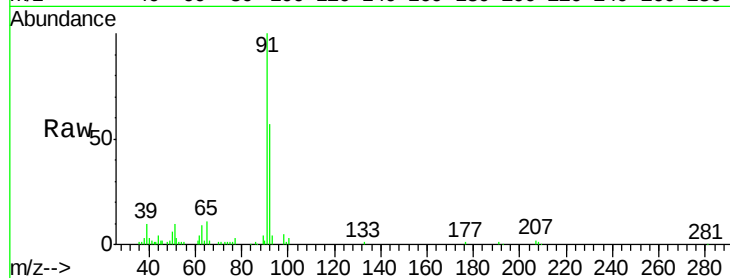
SP-1A

Tot Ion: 92 Resp: 16692

Ion Ratio Lower Upper

92 100

91 175.2 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 49.685 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003274.D

Acq: 22 Jul 2020 01:14

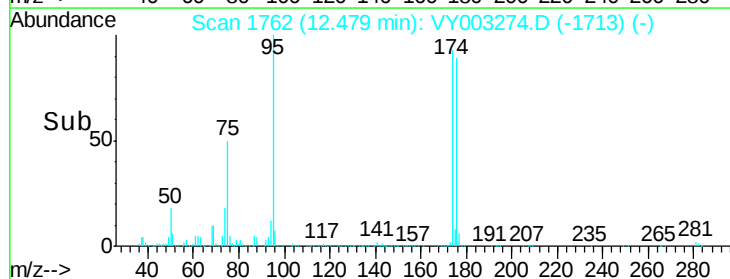
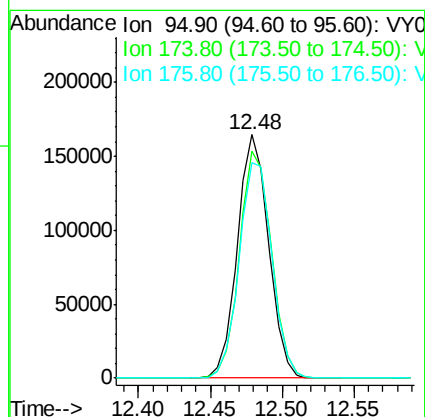
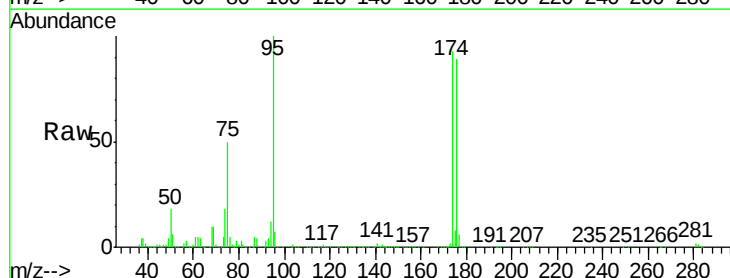
Tgt Ion: 95 Resp: 247713

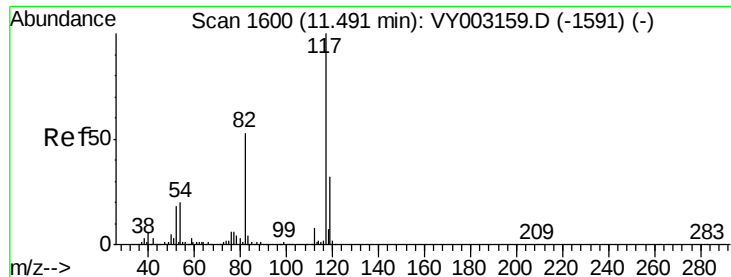
Ion Ratio Lower Upper

95 100

174 95.5 0.0 190.6

176 93.3 0.0 186.4

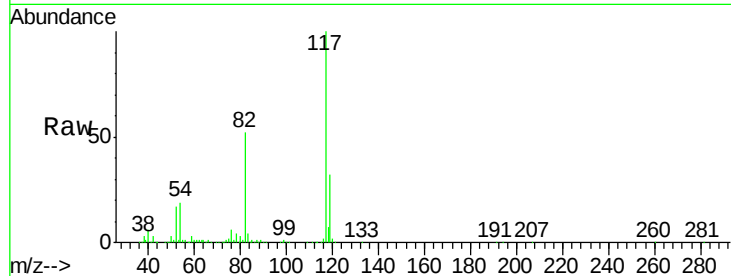




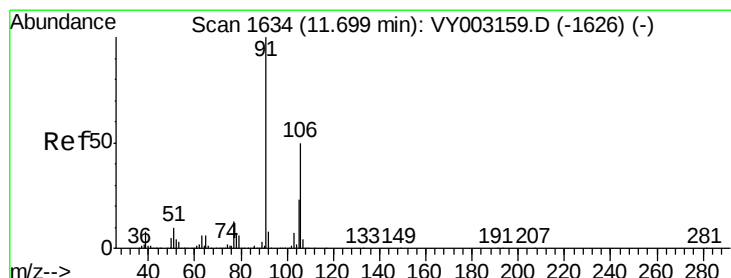
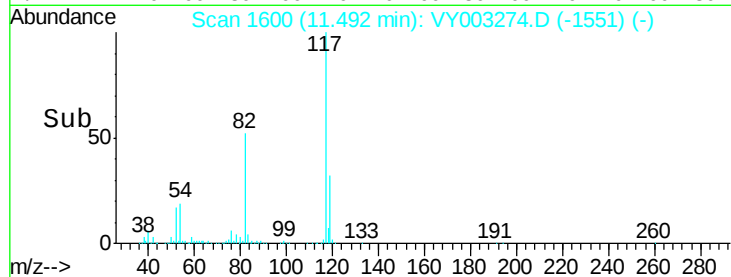
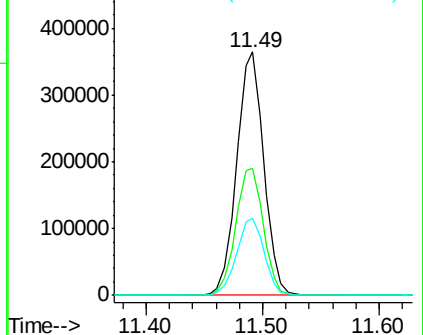
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

Tot Ion:117 Resp: 588807
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 31.8 25.5 38.3

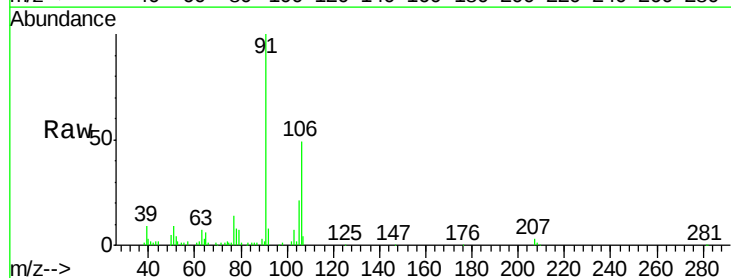


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

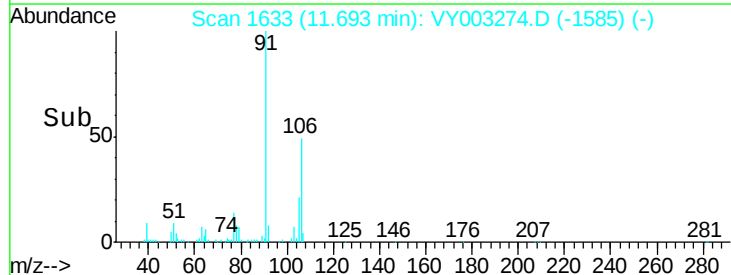
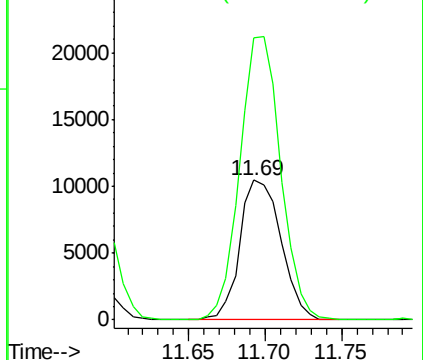


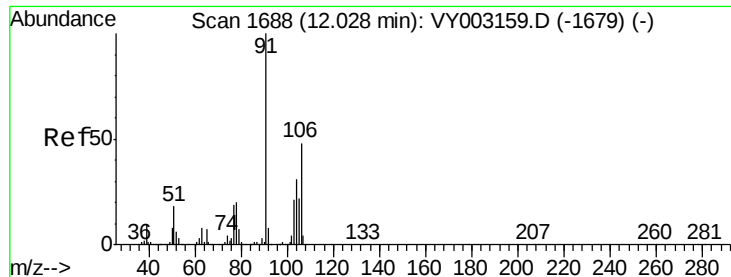
#68
m/p-Xylenes
Concen: 2.552 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

Tgt Ion:106 Resp: 19613
Ion Ratio Lower Upper
106 100
91 200.3 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

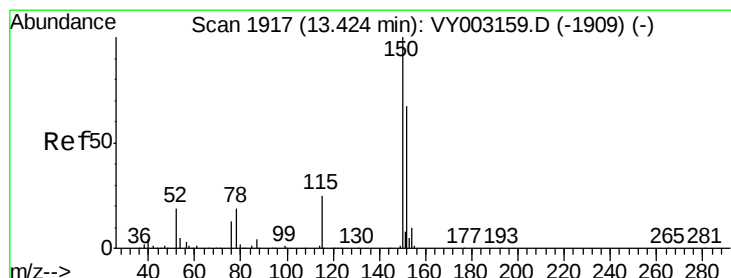
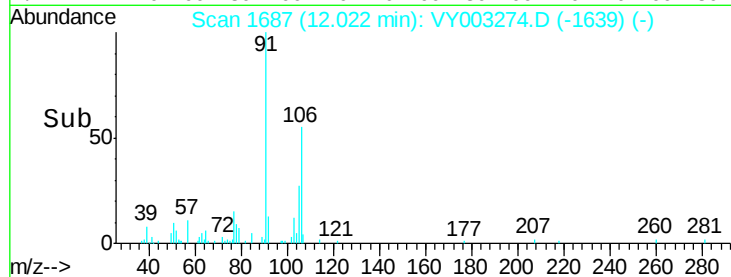
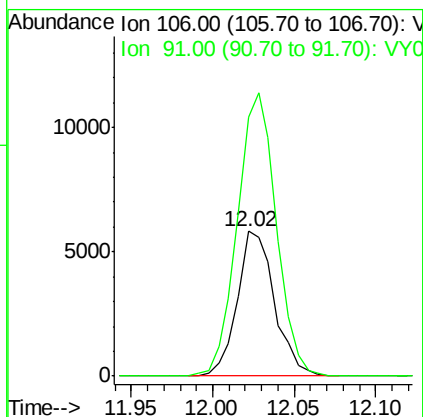
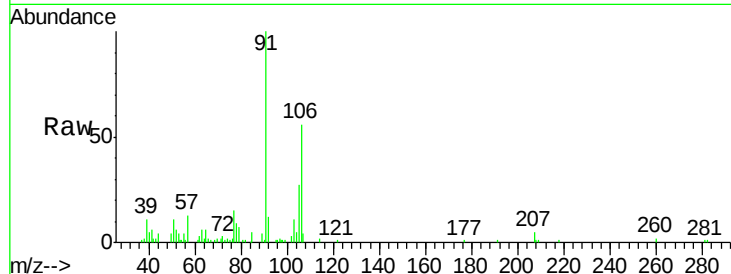




#69
o-Xylene
Concen: 1.291 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

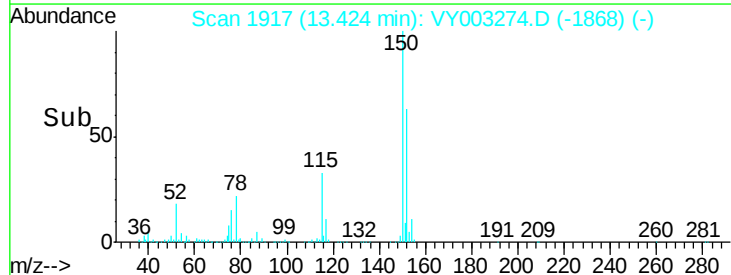
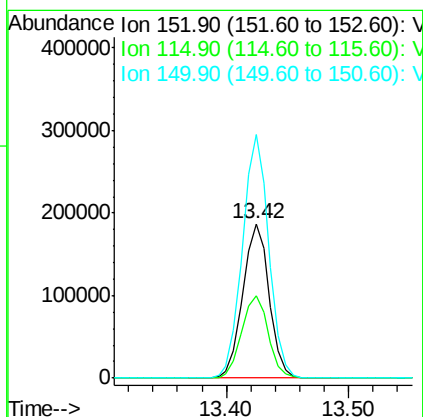
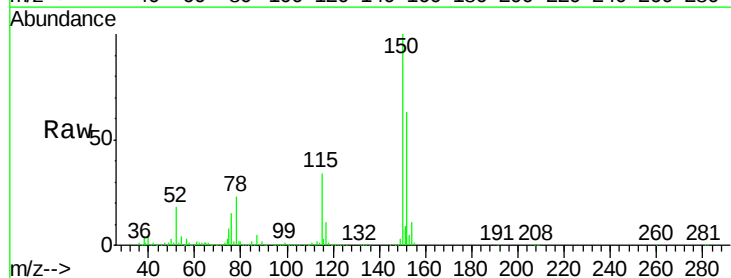
Instrument :
MSVOA_Y
ClientSampled :
SP-1A

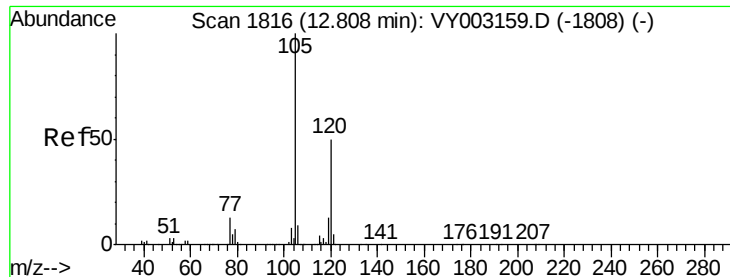
Tot Ion:106 Resp: 9265
Ion Ratio Lower Upper
106 100
91 204.1 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003274.D
Acq: 22 Jul 2020 01:14

Tgt Ion:152 Resp: 277609
Ion Ratio Lower Upper
152 100
115 54.5 26.9 80.7
150 157.7 0.0 338.0





#80

1,3,5-Trimethylbenzene

Concen: 1.164 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003274.D

Acq: 22 Jul 2020 01:14

Instrument :

MSVOA_Y

ClientSampleId :

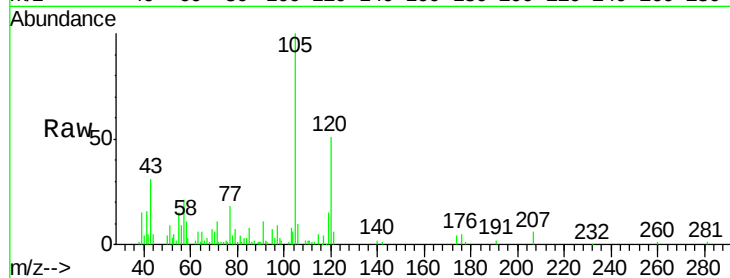
SP-1A

Tot Ion:105 Resp: 17160

Ion Ratio Lower Upper

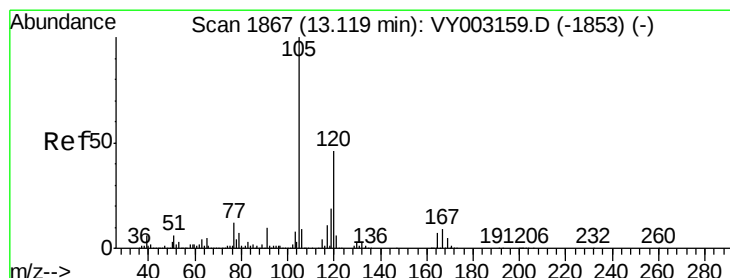
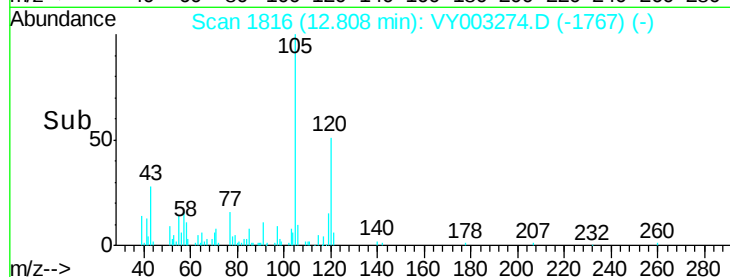
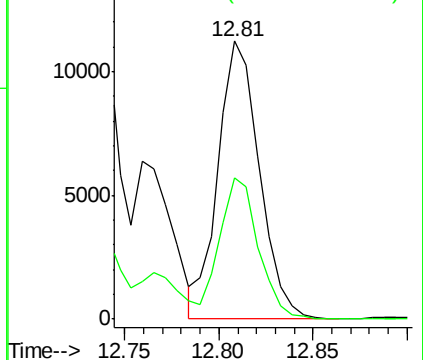
105 100

120 47.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.277 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003274.D

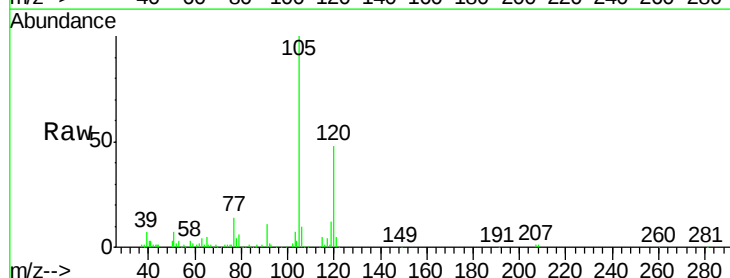
Acq: 22 Jul 2020 01:14

Tgt Ion:105 Resp: 48611

Ion Ratio Lower Upper

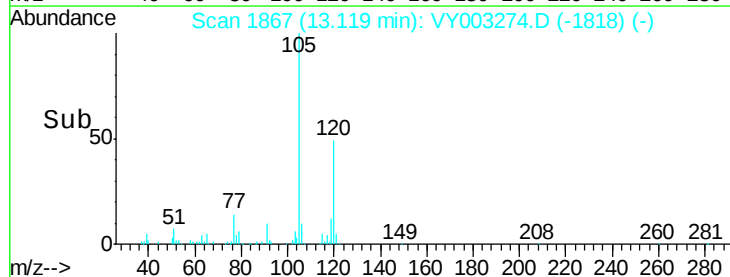
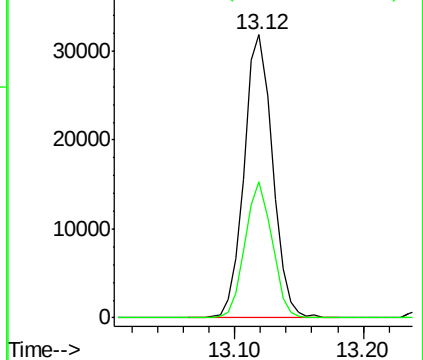
105 100

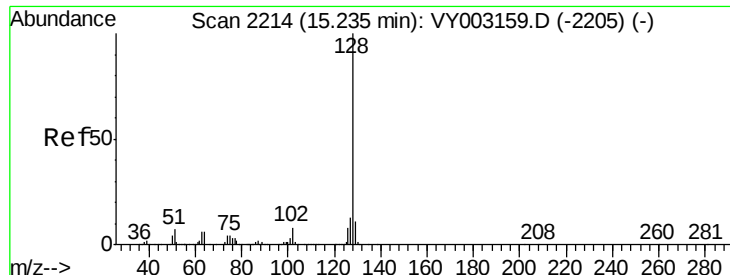
120 45.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 11.851 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003274.D

Acq: 22 Jul 2020 01:14

Instrument :

MSVOA_Y

ClientSampleId :

SP-1A

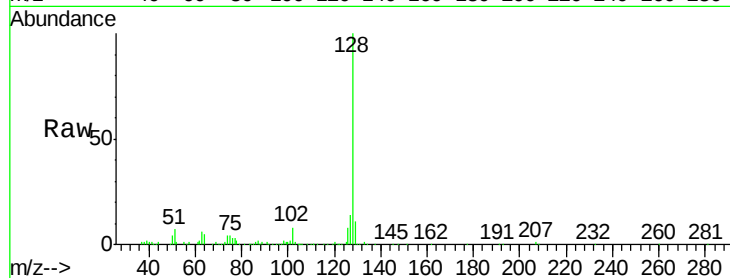
Tot Ion:128 Resp: 104269

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.7 9.0 13.6



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

