

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003138.D
 Acq On : 08 Jul 2020 16:11
 Operator : SY/MD
 Sample : L3217-04RE
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

Manual Integrations
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 7/9/2020 10:48:54 AM

Quant Time: Jul 09 05:00:11 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	8.35	168	96920m	50.00	ug/l	0.55
34) 1,4-Difluorobenzene	9.08	114	105382m	50.00	ug/l	0.39
63) Chlorobenzene-d5	11.58	117	56448	50.00	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	13.45	152	24260	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.65	65	17060m	17.72	ug/l	0.51
Spiked Amount 50.000			Recovery	=	35.44%	
35) Dibromofluoromethane	8.31	113	18817m	28.62	ug/l	0.59
Spiked Amount 50.000			Recovery	=	57.24%	
50) Toluene-d8	10.37	98	104233	42.56	ug/l	0.19
Spiked Amount 50.000			Recovery	=	85.12%	
62) 4-Bromofluorobenzene	12.53	95	24467	28.38	ug/l	0.05
Spiked Amount 50.000			Recovery	=	56.76%	
Target Compounds						
68) m/p-Xylenes	11.77	106	1784m	2.354	ug/l	Qvalue
82) 4-Chlorotoluene	12.89	91	5529	4.983	ug/l	97
84) 1,2,4-Trimethylbenzene	13.14	105	3222	2.400	ug/l	83
95) Naphthalene	15.24	128	5207	5.626	ug/l #	89

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

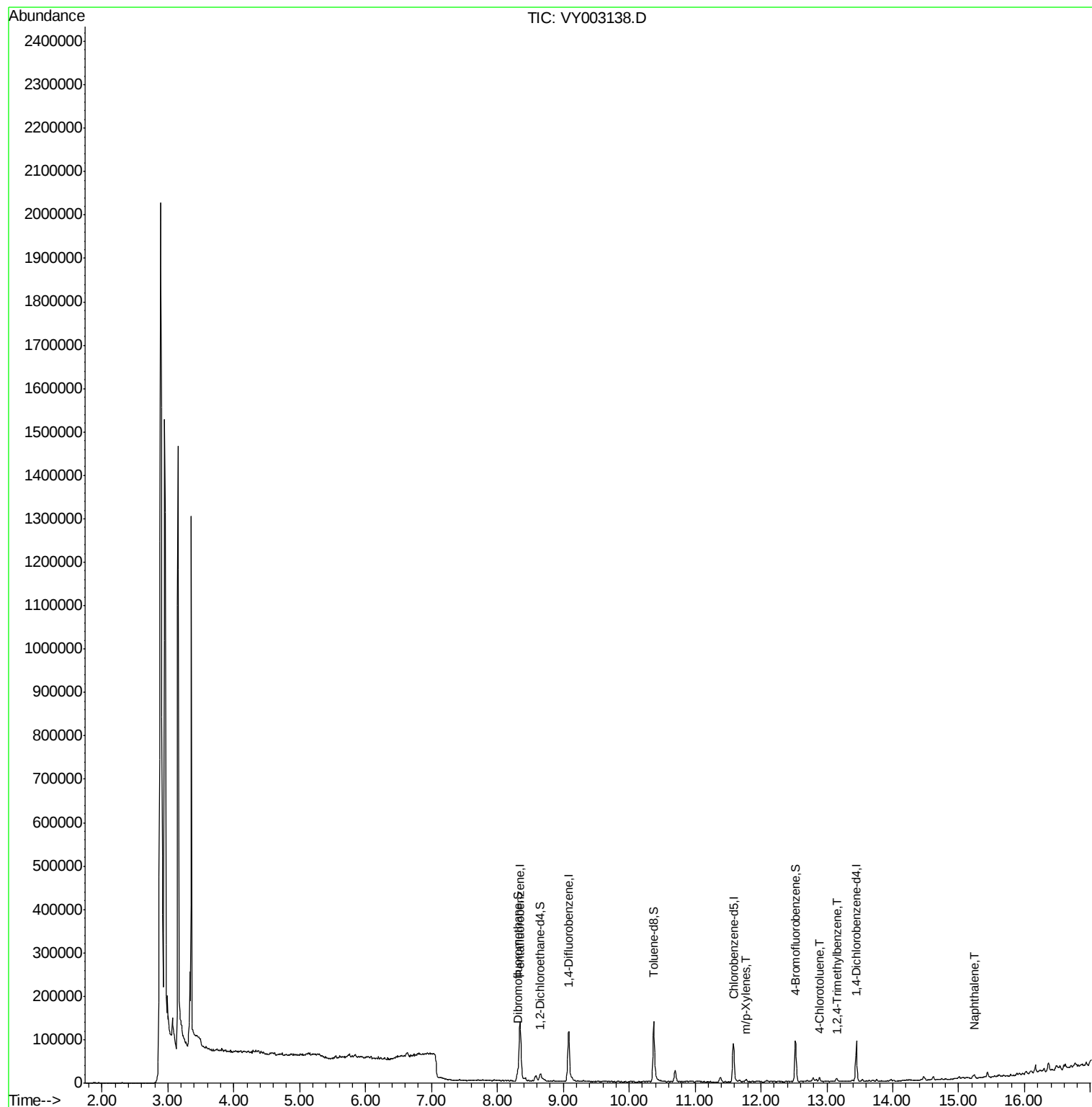
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
Data File : VY003138.D
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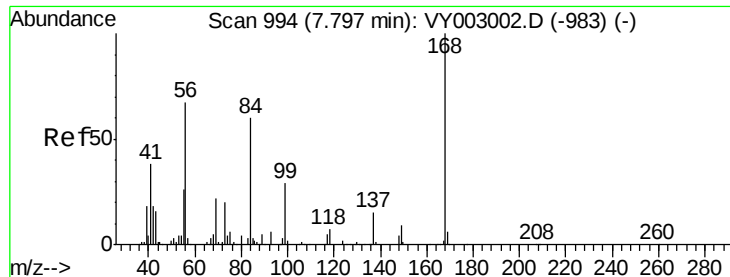
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VATRE

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Quant Time: Jul 09 05:00:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 8.35 min Scan# 1084

Delta R.T. 0.55 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VATRE

Tot Ion:168 Resp: 96920

Ion Ratio Lower Upper

168 100

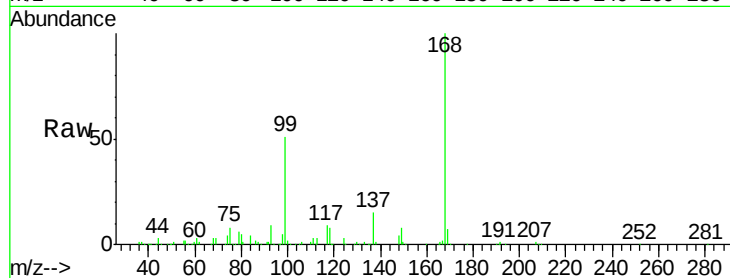
99 50.8 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY003138.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003138.D (-945) (-)

8.35

50000

40000

30000

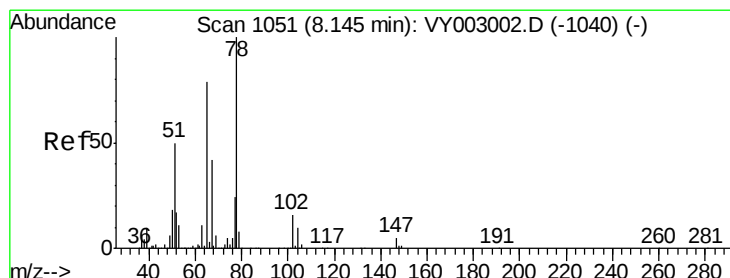
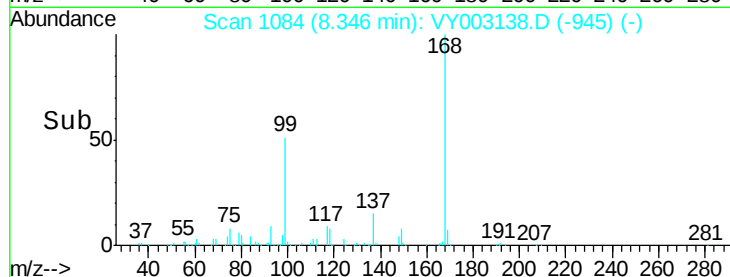
20000

10000

0

8.30 8.40 8.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: 17.723 ug/l m

RT: 8.65 min Scan# 1134

Delta R.T. 0.51 min

Lab File: VY003138.D

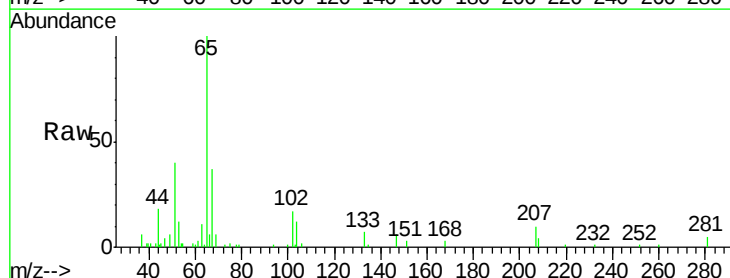
Acq: 08 Jul 2020 16:11

Tgt Ion: 65 Resp: 17060

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003138.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003138.D (-1002) (-)

8.65

6000

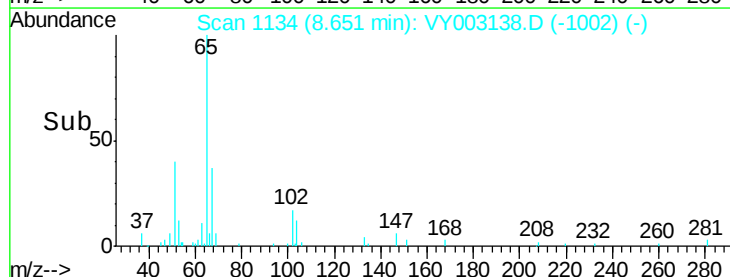
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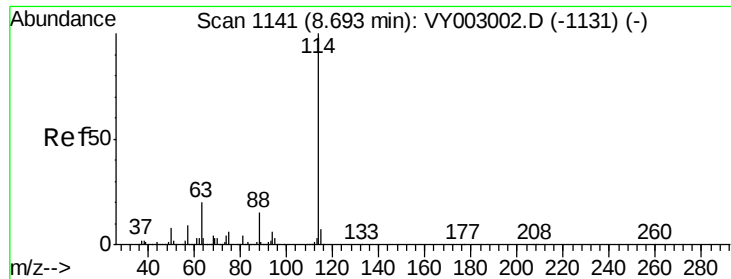
2000

0

8.50 8.60 8.70 8.80

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l m

RT: 9.08 min Scan# 1205

Delta R.T. 0.39 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

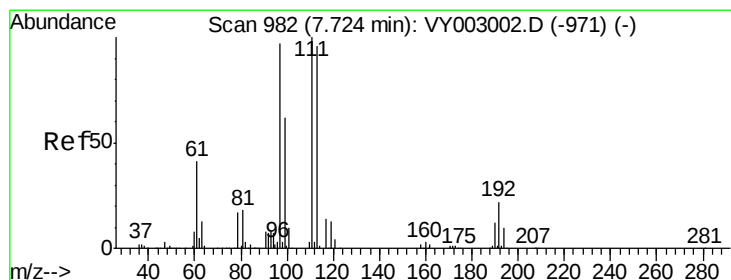
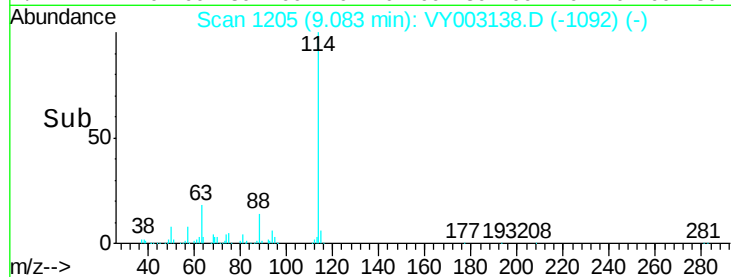
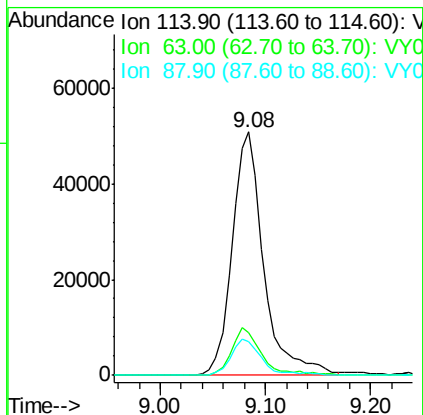
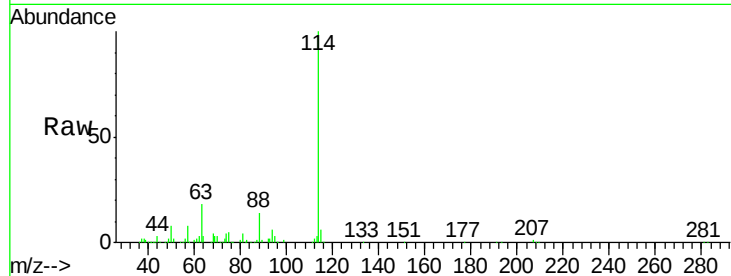
ClientSampleId :

E3-41-VATRE

Tot Ion:	114	Resp:	105382
Ion Ratio		Lower	Upper
114	100		
63	17.8	0.0	40.6
88	14.0	0.0	30.0

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#35

Dibromofluoromethane

Concen: 28.624 ug/l m

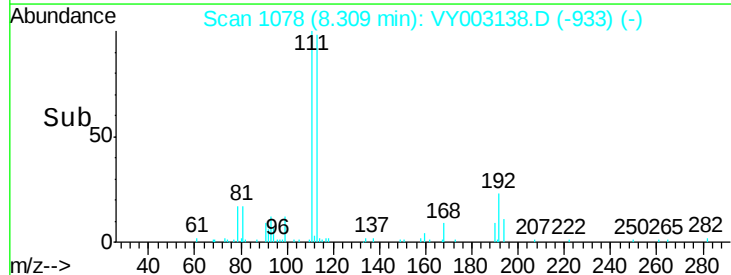
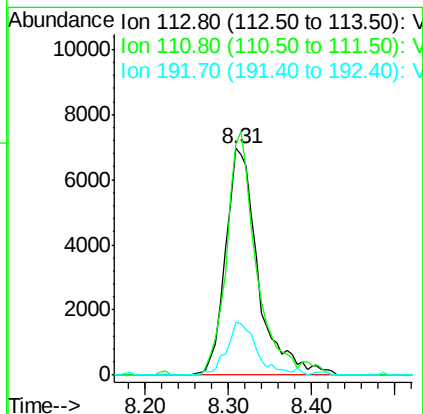
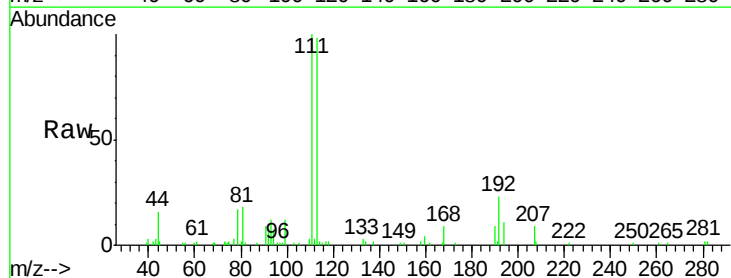
RT: 8.31 min Scan# 1078

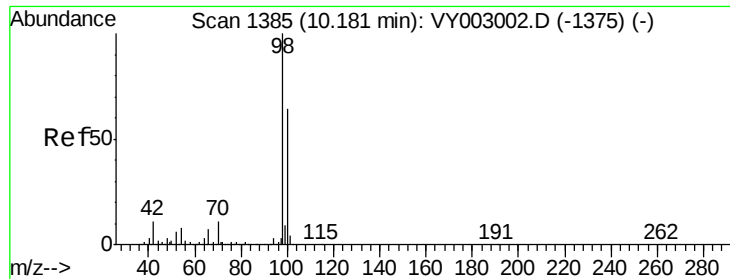
Delta R.T. 0.59 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Tgt Ion:	113	Resp:	18817
Ion Ratio		Lower	Upper
113	100		
111	0.0	82.6	123.8#
192	0.0	18.1	27.1#





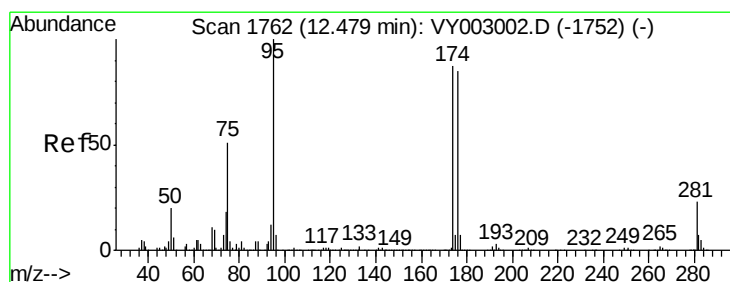
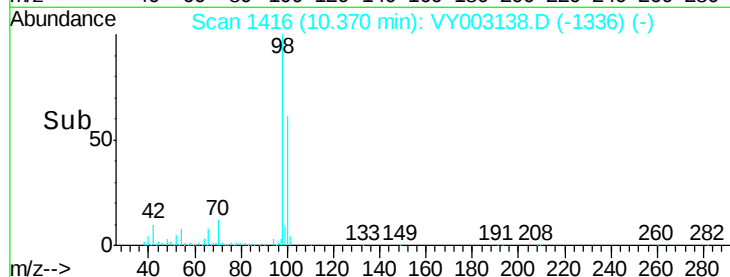
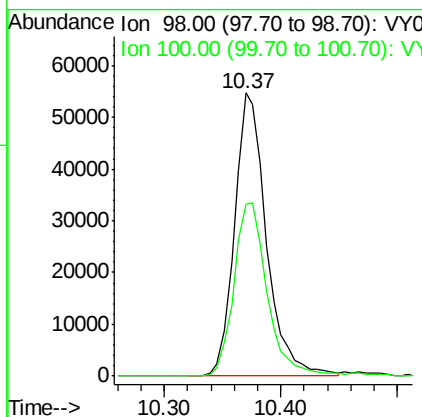
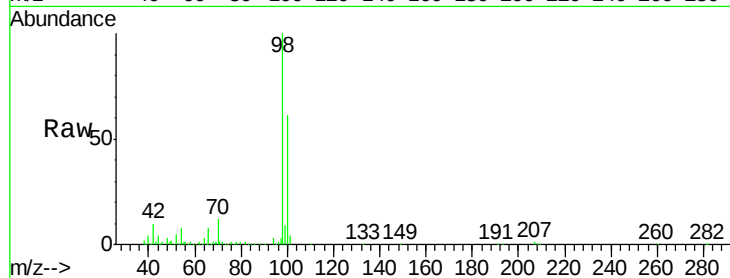
#50
Toluene-d8
Concen: 42.560 ug/l
RT: 10.37 min Scan# 1416
Delta R.T. 0.19 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VATRE

Tot Ion: 98 Resp: 104233
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

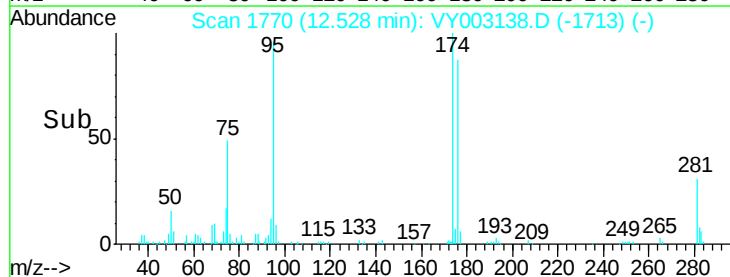
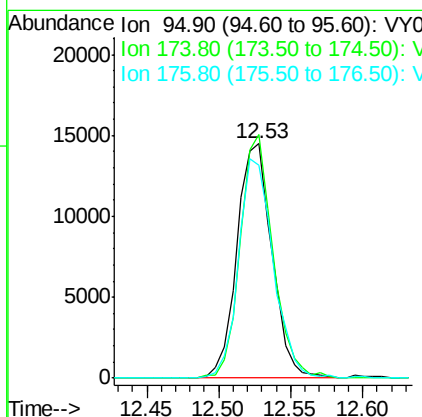
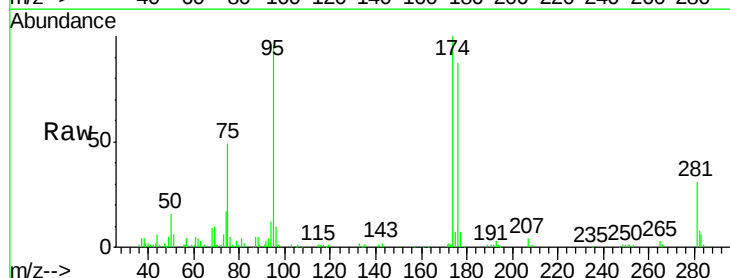
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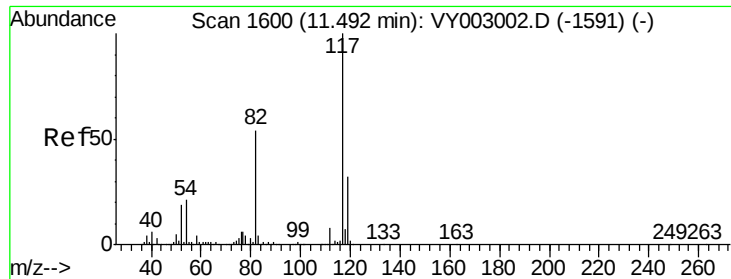
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#62
4-Bromofluorobenzene
Concen: 28.381 ug/l
RT: 12.53 min Scan# 1770
Delta R.T. 0.05 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Tgt Ion: 95 Resp: 24467
Ion Ratio Lower Upper
95 100
174 96.9 0.0 184.8
176 92.7 0.0 183.0





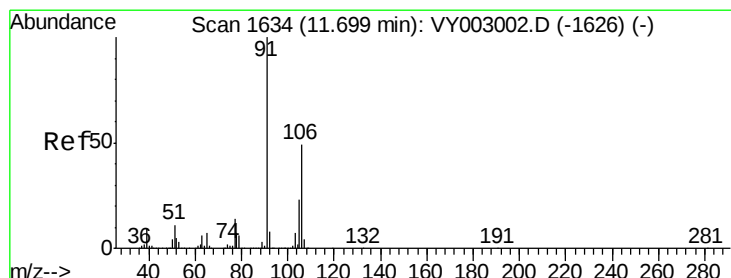
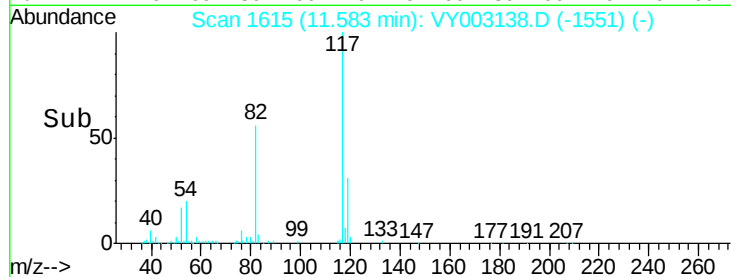
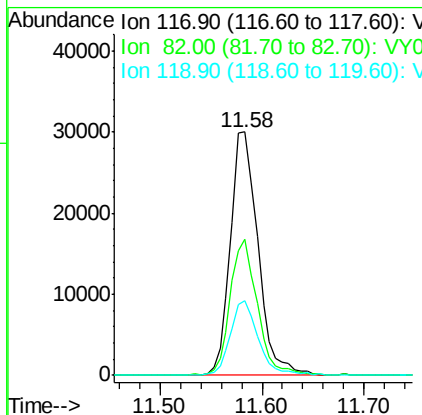
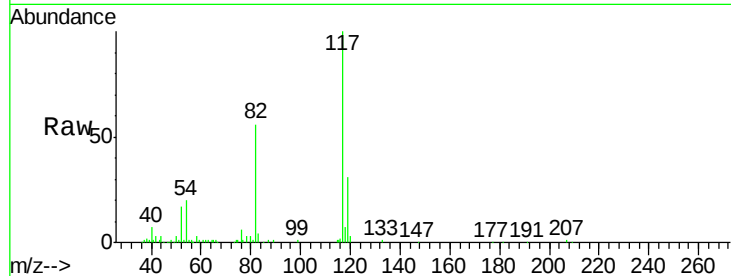
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. 0.09 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VATRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.0	64.6
119	30.6	25.8	38.8

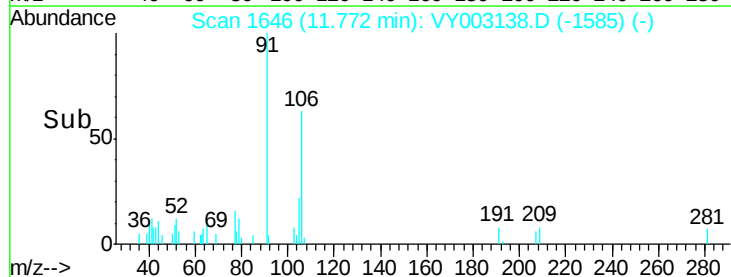
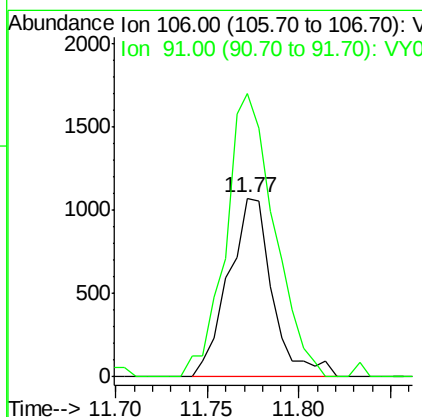
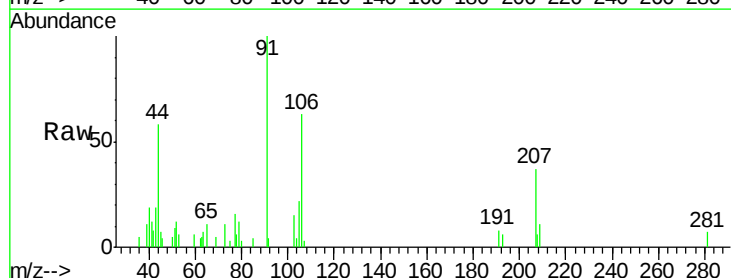
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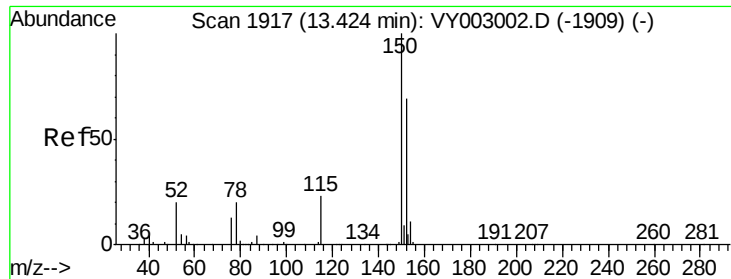
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#68
m/p-Xylenes
Concen: 2.354 ug/l m
RT: 11.77 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	80.3	161.9	242.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.02 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

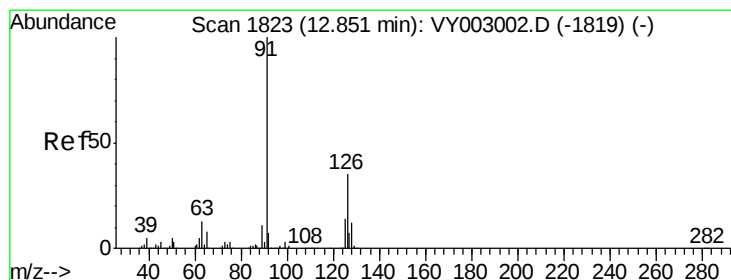
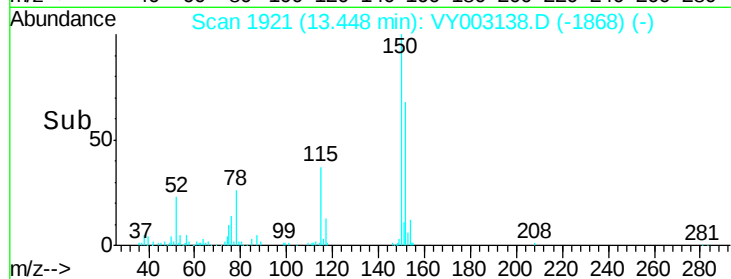
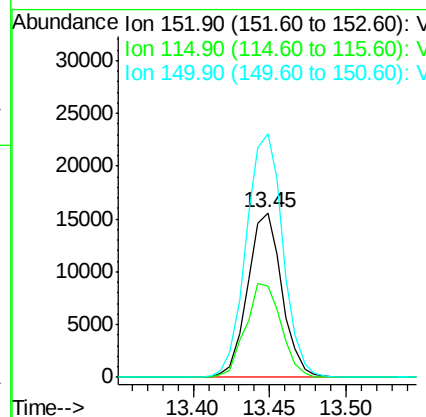
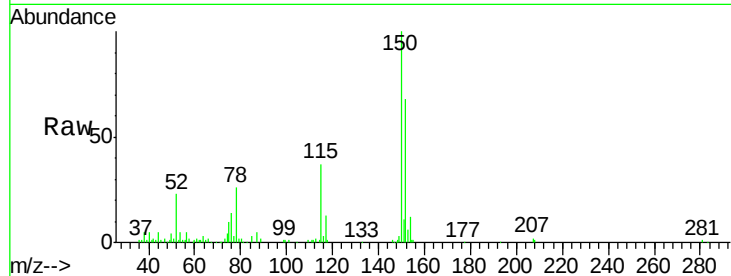
ClientSampleId :

E3-41-VATRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.3	81.9
150	158.4	0.0	343.4

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#82

4-Chlorotoluene

Concen: 4.983 ug/l

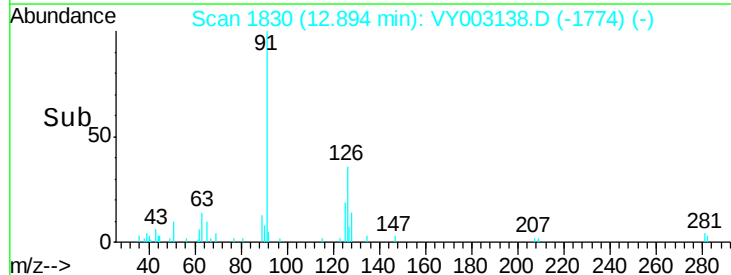
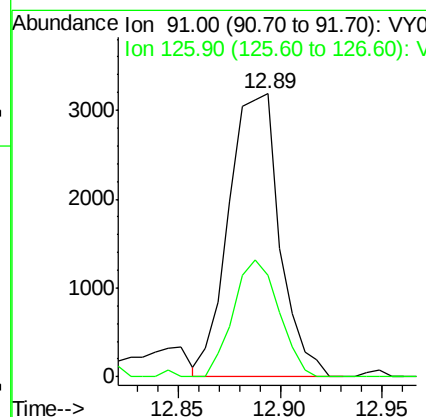
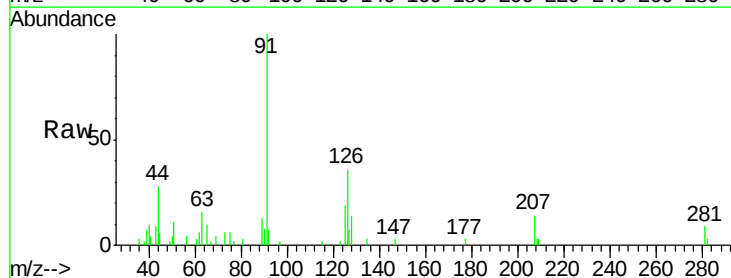
RT: 12.89 min Scan# 1830

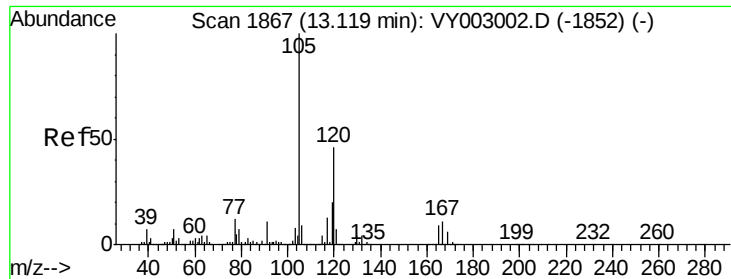
Delta R.T. 0.04 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.4	52.3





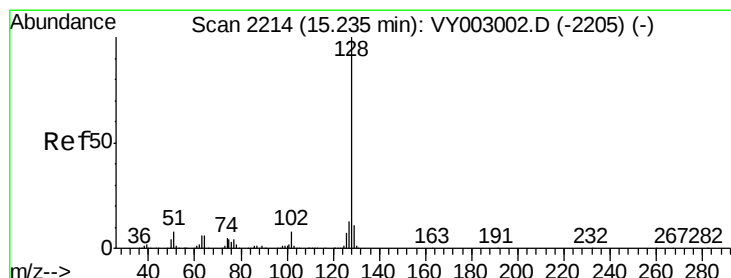
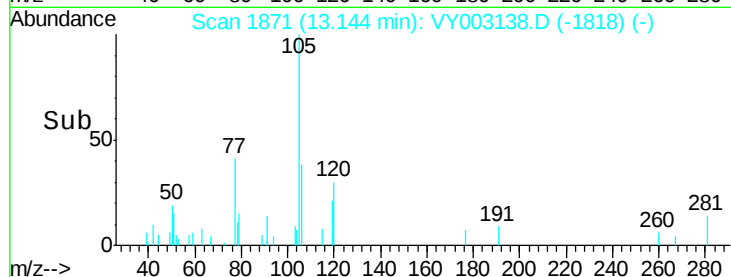
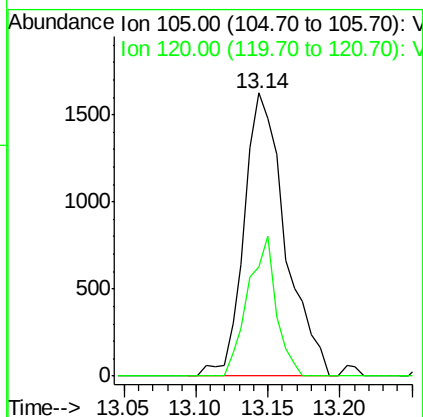
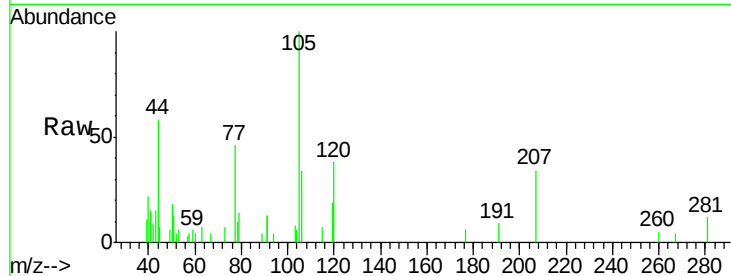
#84
 1,2,4-Trimethylbenzene
 Concen: 2.400 ug/l
 RT: 13.14 min Scan# 1871
 Delta R.T. 0.02 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

Tot Ion:105 Resp: 3222
 Ion Ratio Lower Upper
 105 100
 120 33.7 22.6 67.8

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#95
 Naphthalene
 Concen: 5.626 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Tgt Ion:128 Resp: 5207
 Ion Ratio Lower Upper
 128 100
 127 20.3 10.8 16.2#
 129 12.4 8.8 13.2

