

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv070720\
 Data File : VY003129.D
 Acq On : 07 Jul 2020 16:14
 Operator : SY/MD
 Sample : L3217-04
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VAT

Manual Integrations
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Quant Time: Jul 14 14:02:51 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	8.28	168	229262m	50.00	ug/l	0.49
34) 1,4-Difluorobenzene	9.03	114	289514m	50.00	ug/l	0.34
63) Chlorobenzene-d5	11.57	117	235933m	50.00	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.44	152	106331	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.60	65	61136m	26.85	ug/l	0.45
Spiked Amount 50.000			Recovery	=	53.70%	
35) Dibromofluoromethane	8.25	113	68947m	38.18	ug/l	0.52
Spiked Amount 50.000			Recovery	=	76.36%	
50) Toluene-d8	10.35	98	348161m	51.75	ug/l	0.17
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.52	95	95963m	40.52	ug/l	0.04
Spiked Amount 50.000			Recovery	=	81.04%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.14	105	8700	1.479	ug/l	Qvalue 81

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

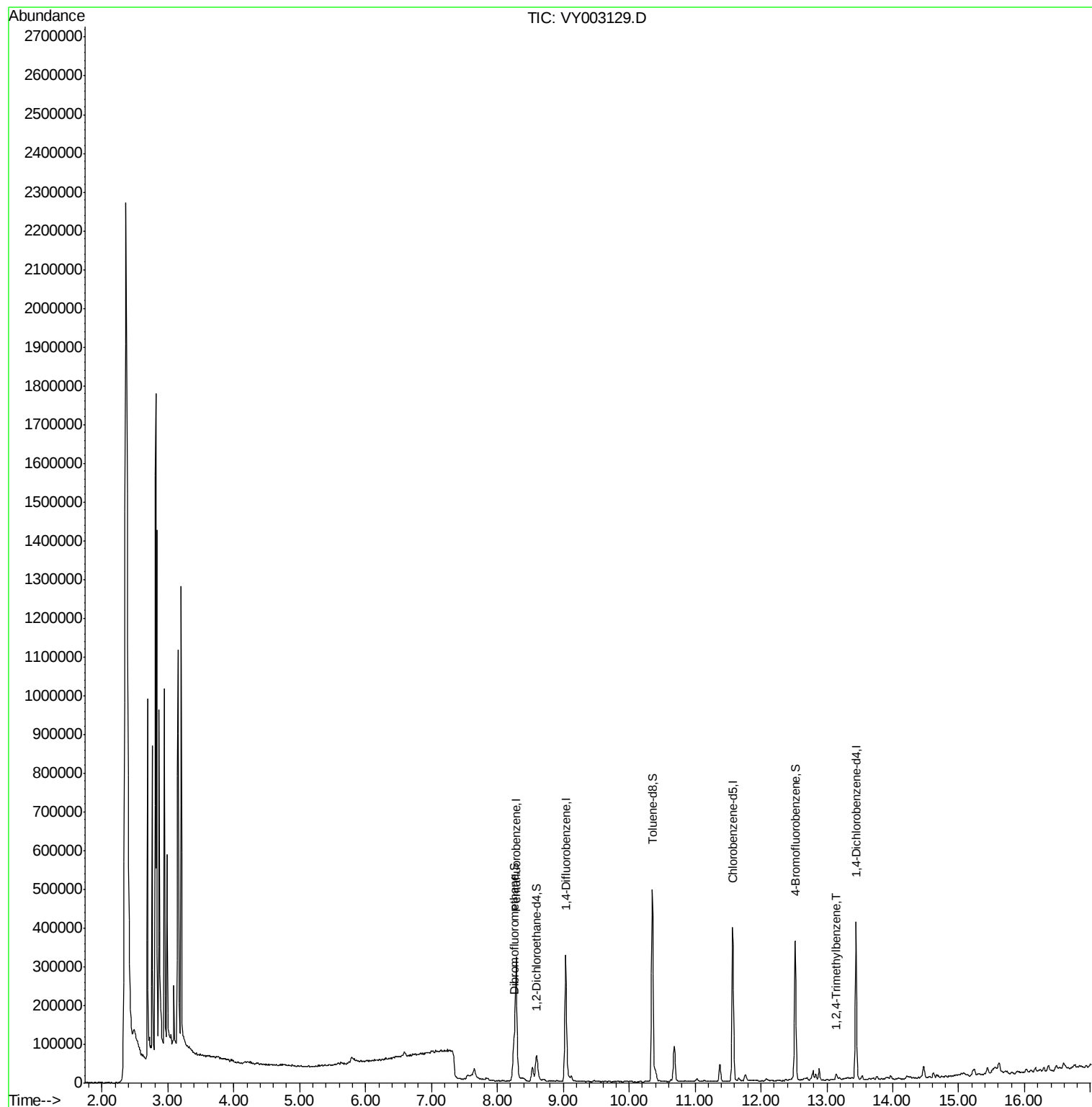
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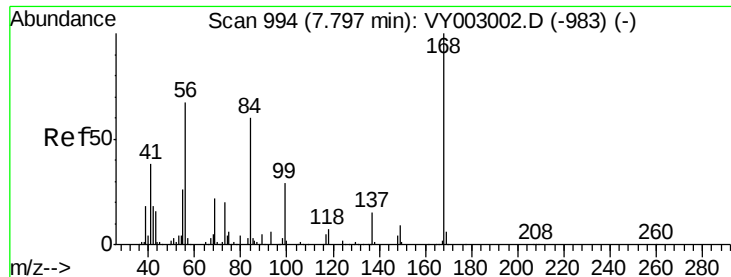
Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 8.28 min Scan# 1074

Delta R.T. 0.49 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

Tot Ion:168 Resp: 229262

Ion Ratio Lower Upper

168 100

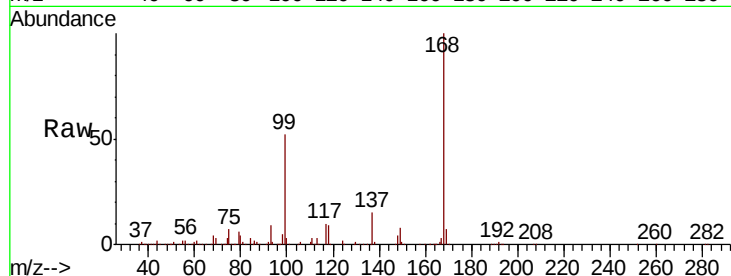
99 51.6 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY003129.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003129.D (-945) (-)

8.28

120000

100000

80000

60000

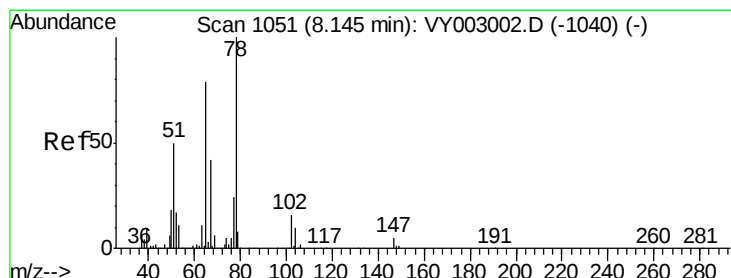
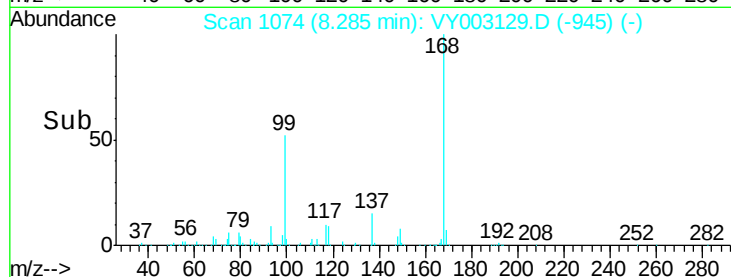
40000

20000

0

8.20 8.30 8.40

Time-->



#33

1,2-Dichloroethane-d4

Concen: 26.849 ug/l m

RT: 8.60 min Scan# 1125

Delta R.T. 0.45 min

Lab File: VY003129.D

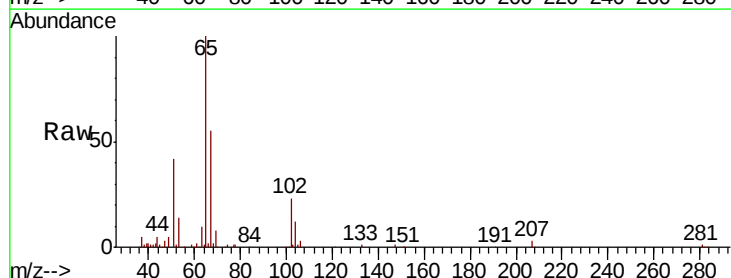
Acq: 07 Jul 2020 16:14

Tgt Ion: 65 Resp: 61136

Ion Ratio Lower Upper

65 100

67 0.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003129.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003129.D (-1002) (-)

8.60

25000

20000

15000

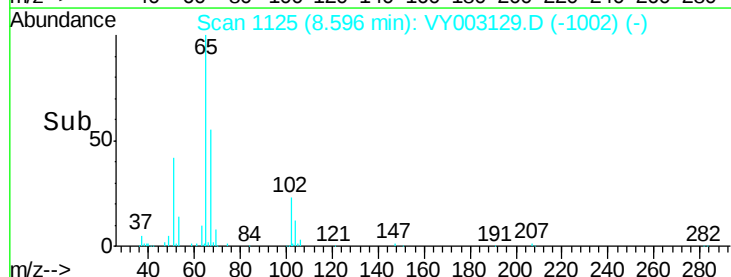
10000

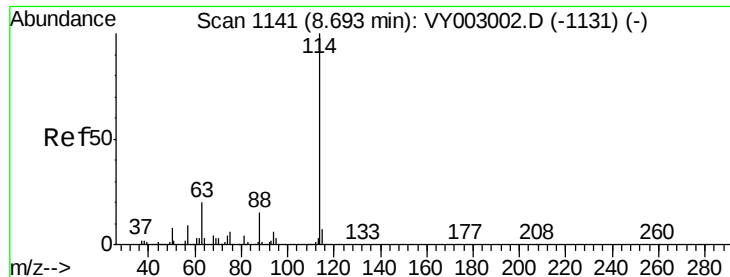
5000

0

8.50 8.60 8.70

Time-->





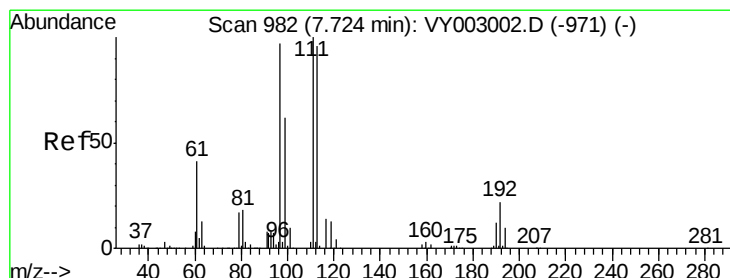
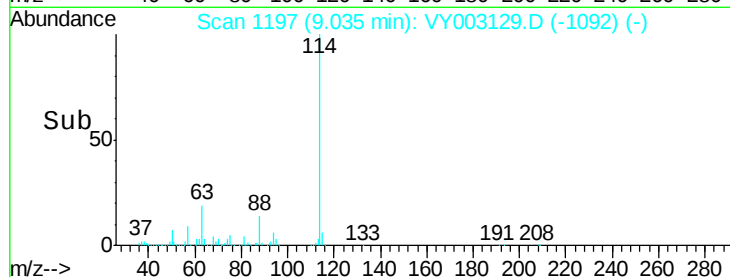
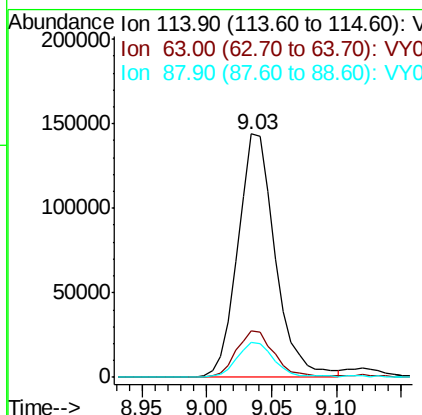
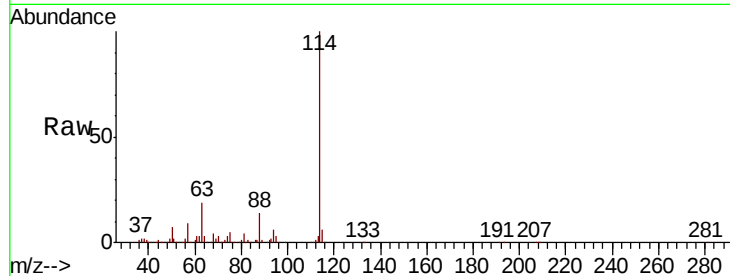
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l m
 RT: 9.03 min Scan# 1197
 Delta R.T. 0.34 min
 Lab File: VY003129.D
 Acq: 07 Jul 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VAT

Tot Ion	Ratio	Resp	Lower	Upper
114	100	289514		
63	18.9	0.0	40.6	
88	14.5	0.0	30.0	

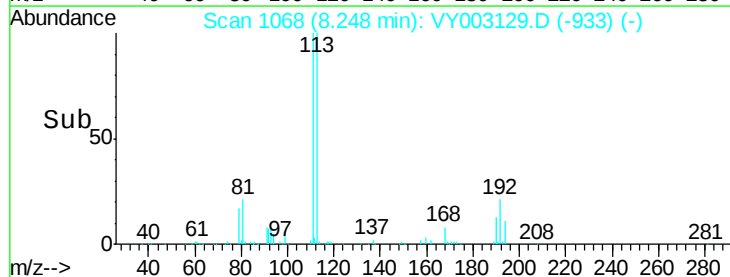
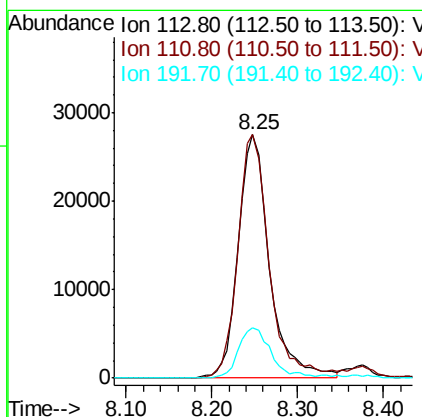
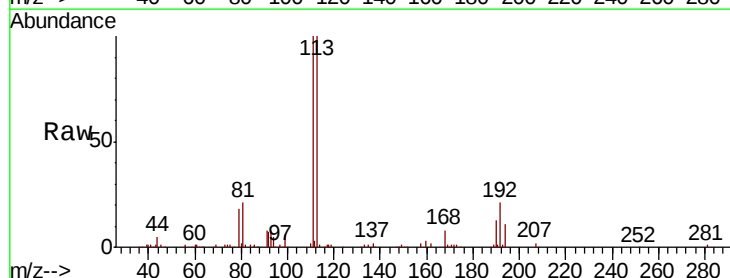
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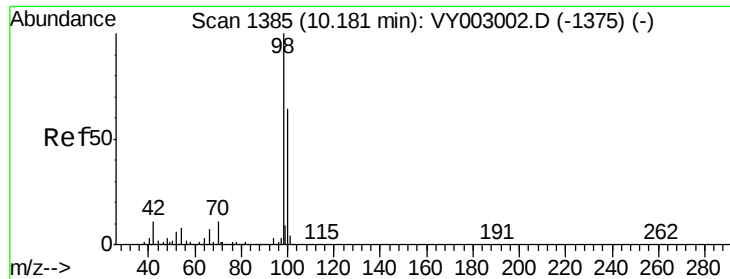
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#35
 Dibromofluoromethane
 Concen: 38.176 ug/l m
 RT: 8.25 min Scan# 1068
 Delta R.T. 0.52 min
 Lab File: VY003129.D
 Acq: 07 Jul 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	68947		
111	0.0	82.6	123.8#	
192	0.4	18.1	27.1#	





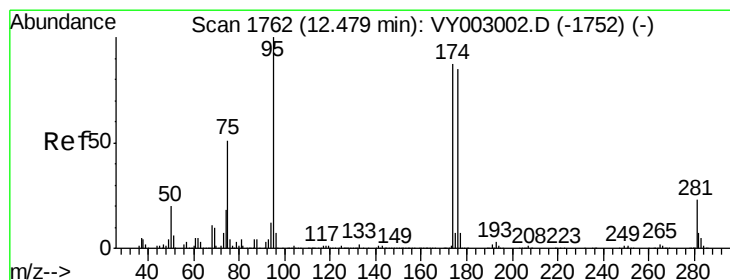
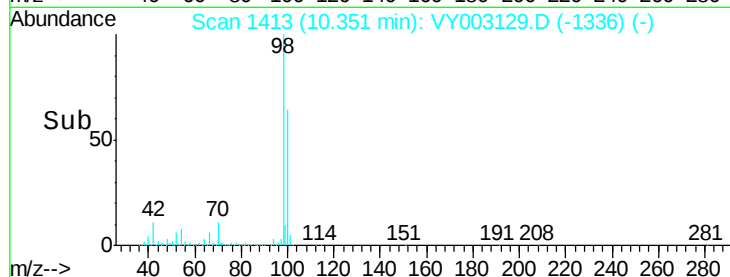
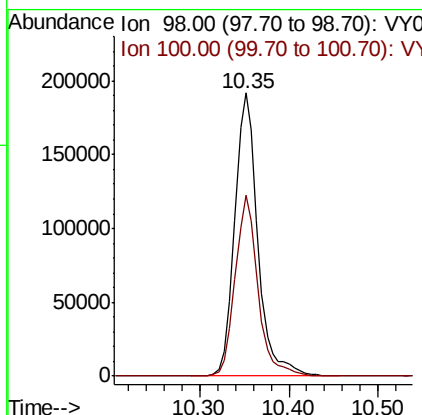
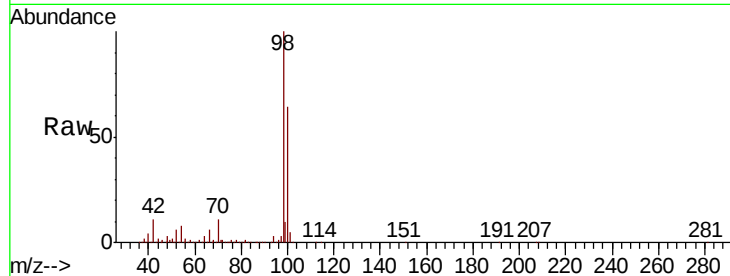
#50
Toluene-d8
Concen: 51.746 ug/l m
RT: 10.35 min Scan# 1413
Delta R.T. 0.17 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VAT

Tot Ion: 98 Resp: 348161
Ion Ratio Lower Upper
98 100
100 0.0 51.1 76.7#

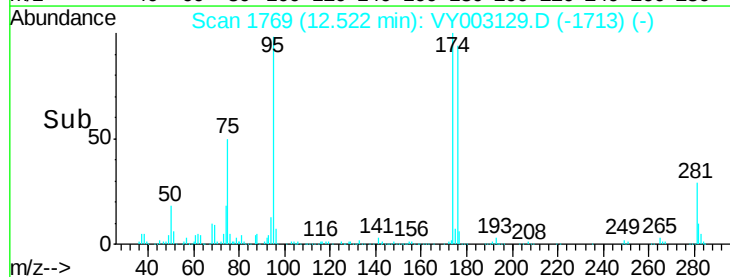
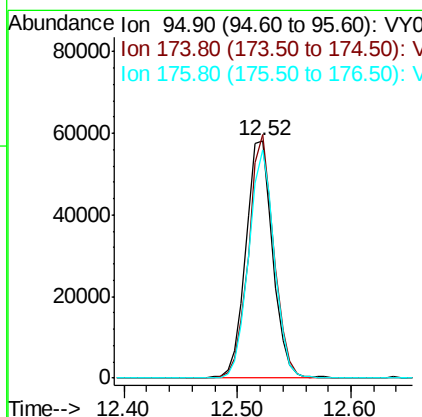
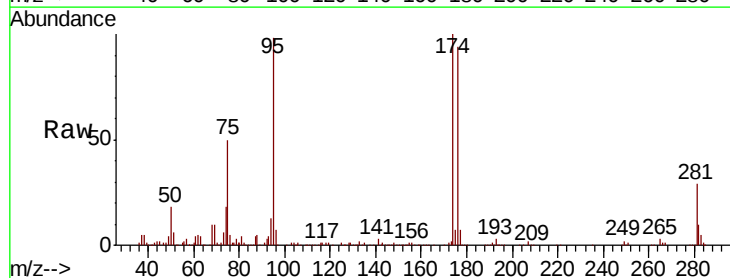
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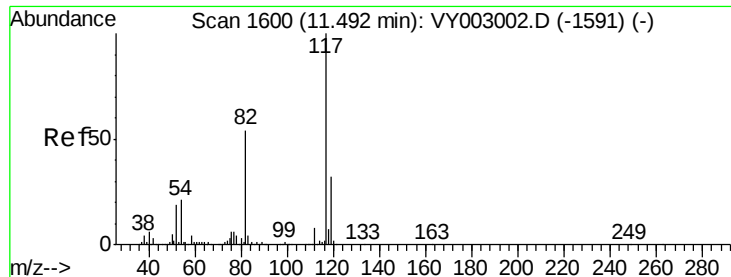
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#62
4-Bromofluorobenzene
Concen: 40.519 ug/l m
RT: 12.52 min Scan# 1769
Delta R.T. 0.04 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Tgt Ion: 95 Resp: 95963
Ion Ratio Lower Upper
95 100
174 0.0 0.0 184.8
176 0.0 0.0 183.0





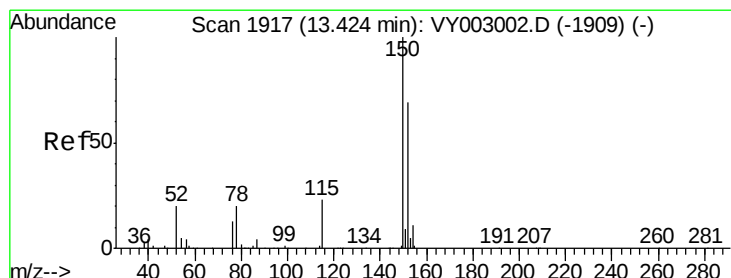
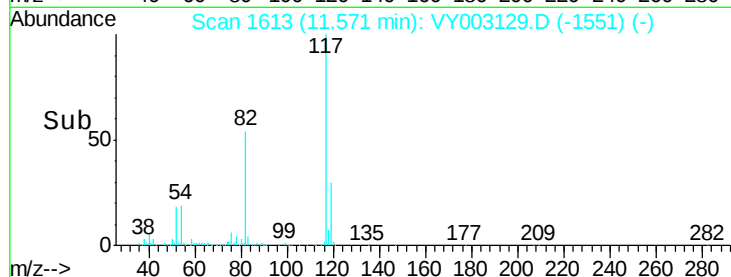
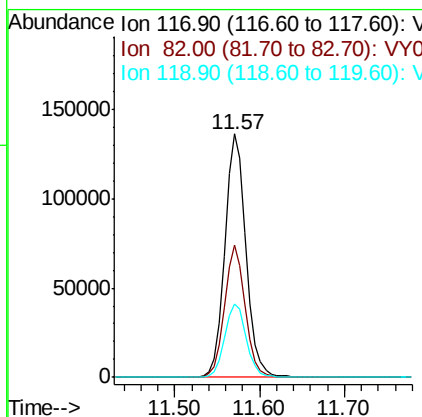
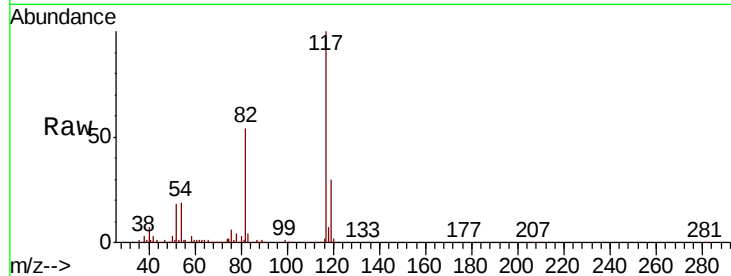
#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.57 min Scan# 1613
Delta R.T. 0.08 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VAT

Tot Ion	Ratio	Resp	Lower	Upper
117	100	235933		
82	54.2		43.0	64.6
119	30.3		25.8	38.8

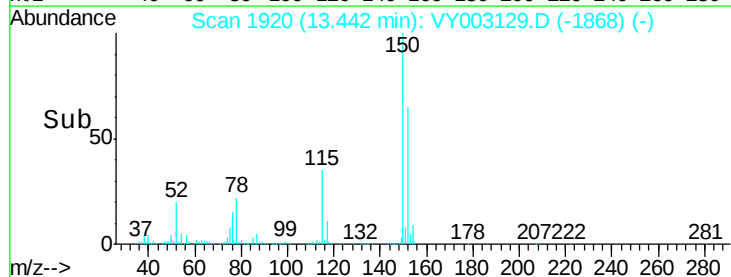
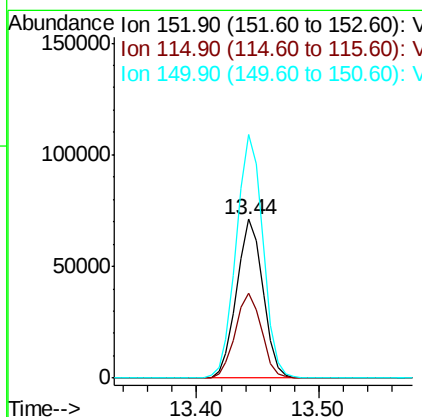
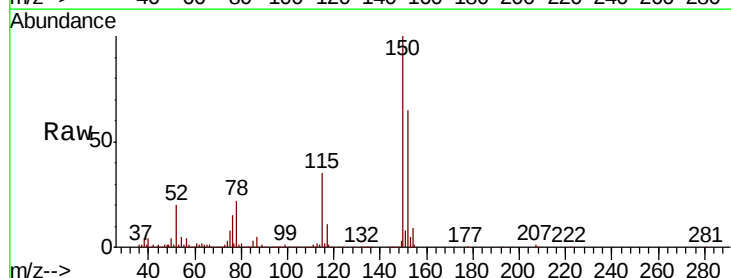
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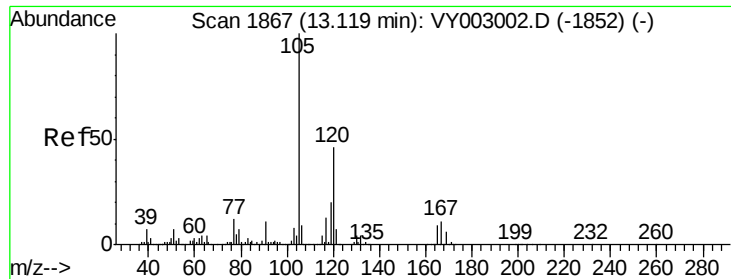
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	106331		
115	53.0		27.3	81.9
150	154.9		0.0	343.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.479 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.02 min
 Lab File: VY003129.D
 Acq: 07 Jul 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VAT

Tot Ion	Ratio	Lower	Upper
105	100		
120	33.0	22.6	67.8

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