

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000558.D
 Acq On : 06 Nov 2019 17:45
 Operator : SY/MD
 Sample : K5725-03
 Misc : 3.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-3

Manual Integrations
 APPROVED

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 11/8/2019 10:38:55 AM

Quant Time: Nov 07 06:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	8085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	15138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	13944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	8204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	6144	73.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.86%	
35) Dibromofluoromethane	7.72	113	3364	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.70%	
50) Toluene-d8	10.18	98	16300	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.48	95	7104	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.12	105	1111	2.210	ug/l	88
85) sec-Butylbenzene	13.25	105	3212	5.229	ug/l	81
86) p-Isopropyltoluene	13.37	119	4514	8.245	ug/l	92
89) n-Butylbenzene	13.69	91	1999m	3.702	ug/l	

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

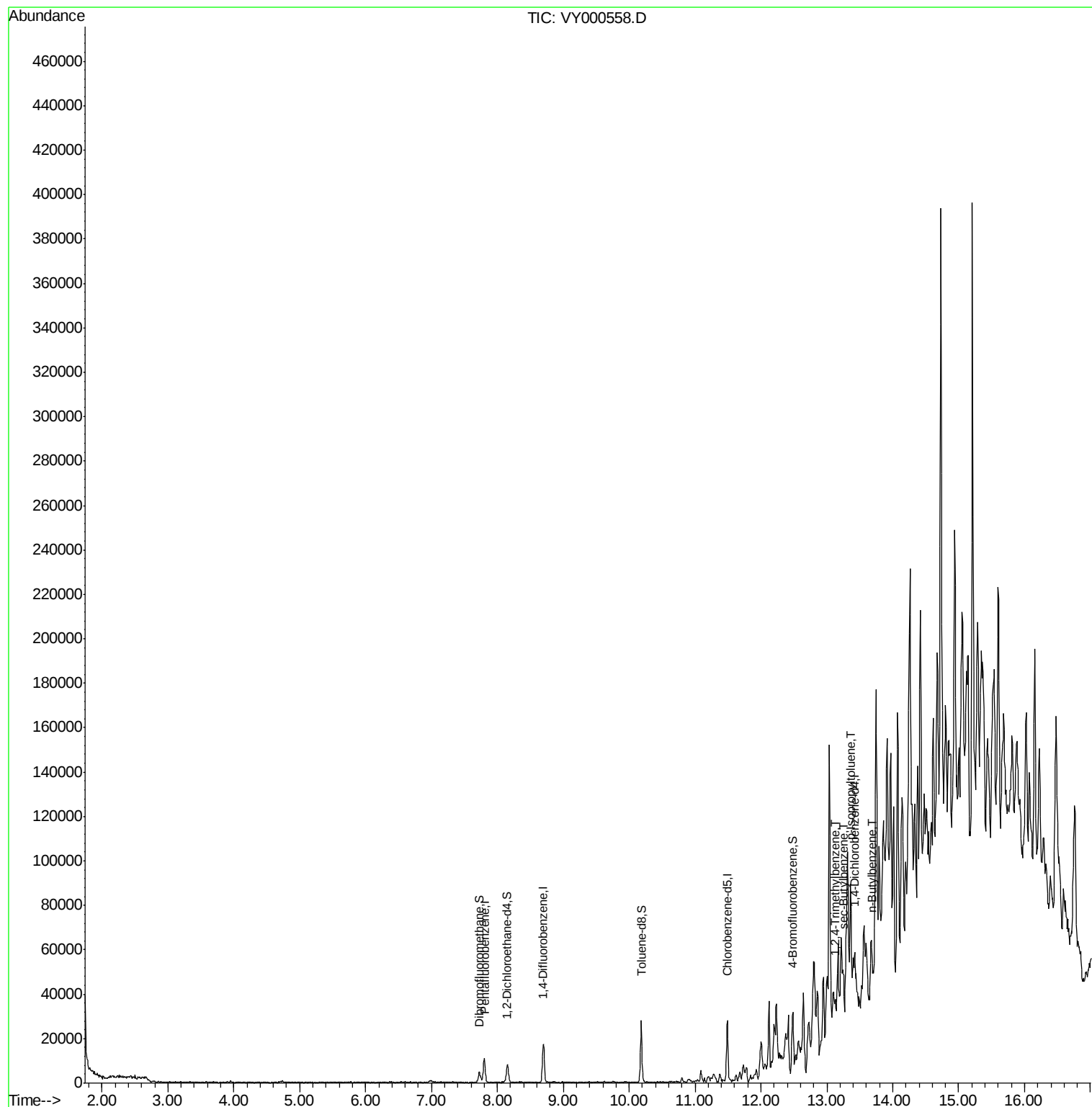
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000558.D
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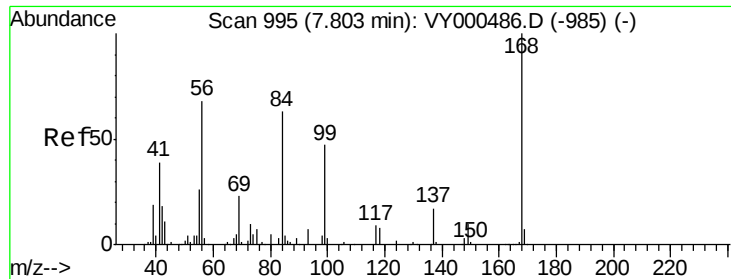
Instrument :
MSVOA_Y
ClientSampleId :
SO-3

Quant Time: Nov 07 06:15:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000558.D

Acq: 06 Nov 2019 17:45

Instrument :

MSVOA_Y

ClientSampled :

SO-3

Tgt Ion:168 Resp: 8085

Ion Ratio Lower Upper

168 100

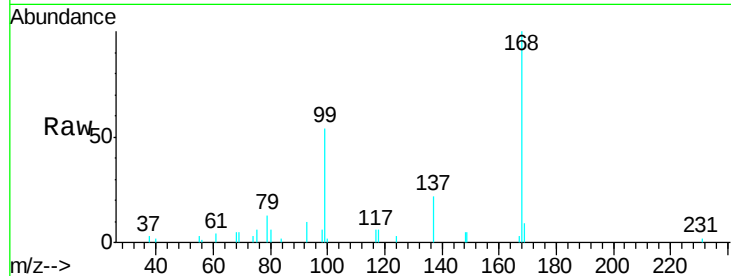
99 53.5 45.7 68.5

Manual Integrations

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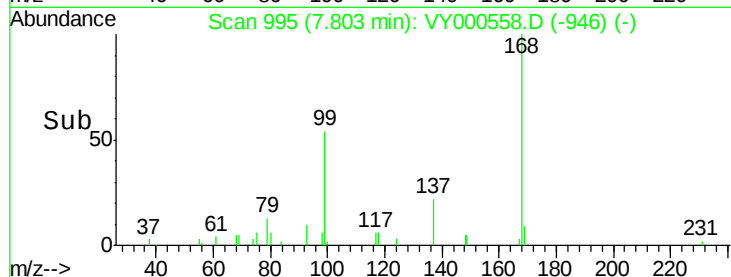
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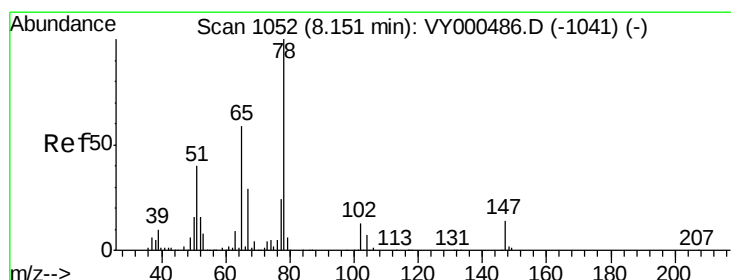
Abundance Ion 167.90 (167.60 to 168.60): VY000558.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000558.D (-946) (-)

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 73.432 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000558.D

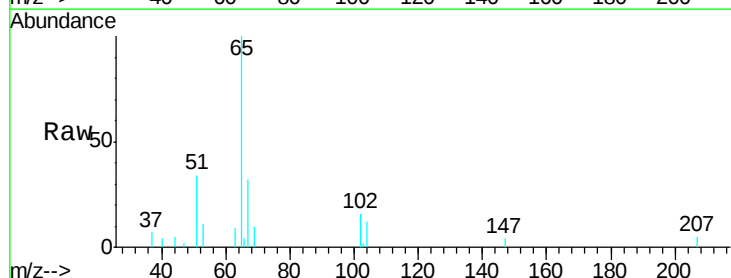
Acq: 06 Nov 2019 17:45

Tgt Ion: 65 Resp: 6144

Ion Ratio Lower Upper

65 100

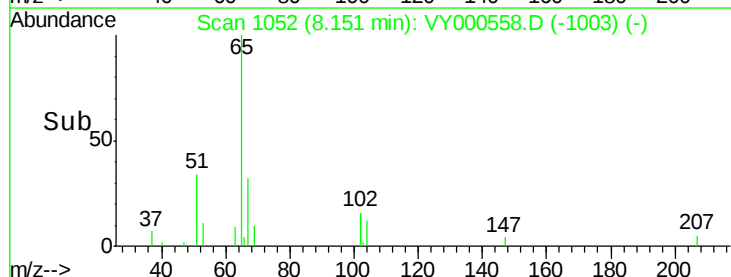
67 49.0 0.0 107.2



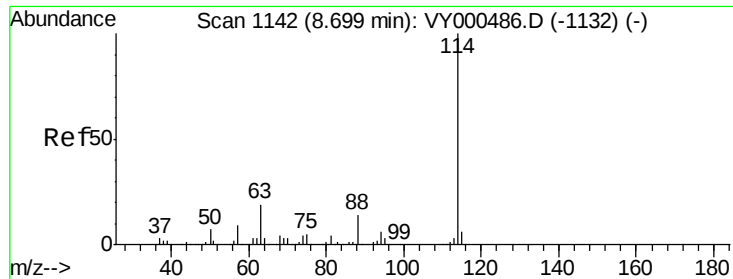
Abundance Ion 64.90 (64.60 to 65.60): VY000558.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000558.D (-1003) (-)

Time-->



Time-->



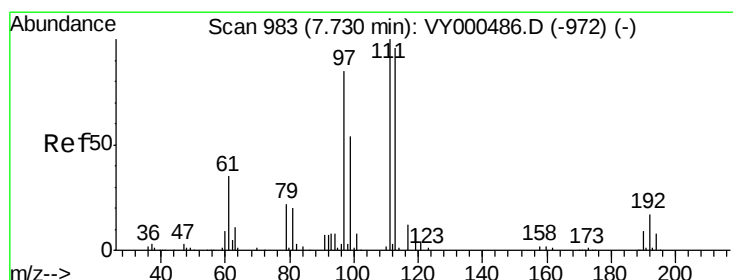
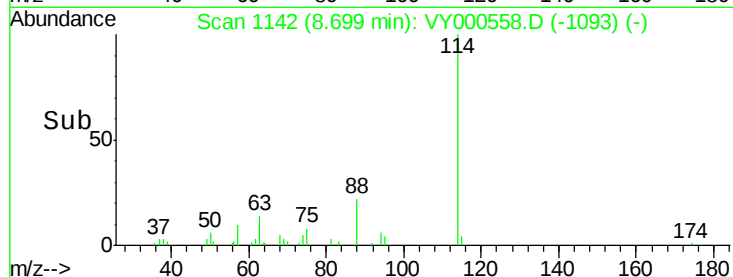
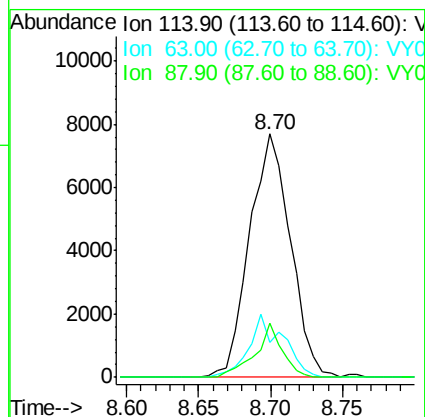
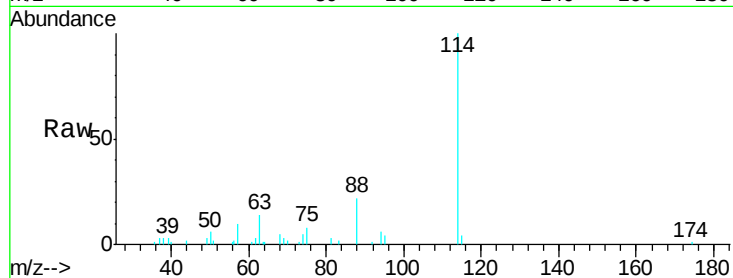
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000558.D
 Acq: 06 Nov 2019 17:45

Instrument :
 MSVOA_Y
 ClientSampled :
 SO-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	14.5	0.0	38.0
88	22.4	0.0	28.6

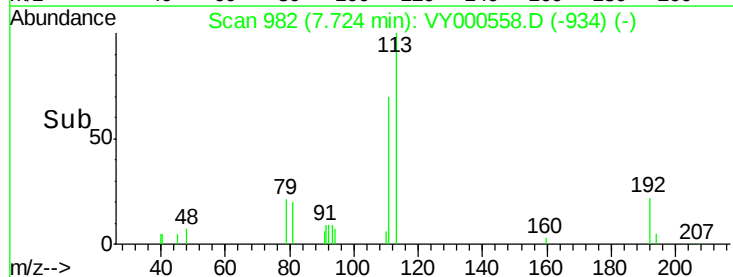
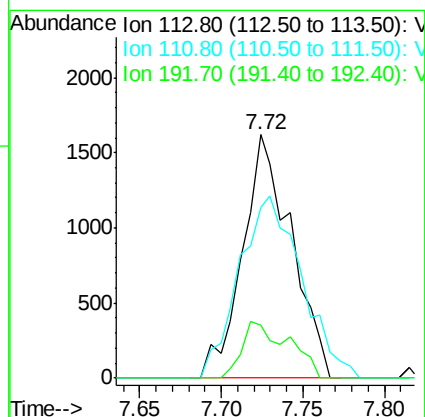
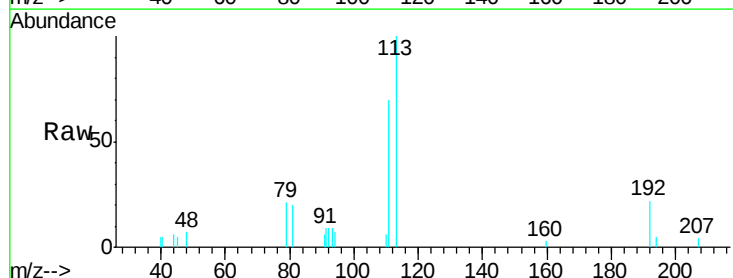
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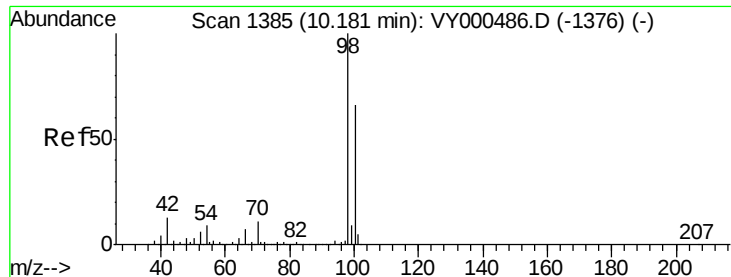
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#35
 Dibromofluoromethane
 Concen: 37.853 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000558.D
 Acq: 06 Nov 2019 17:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	95.4	81.7	122.5
192	21.8	15.0	22.4





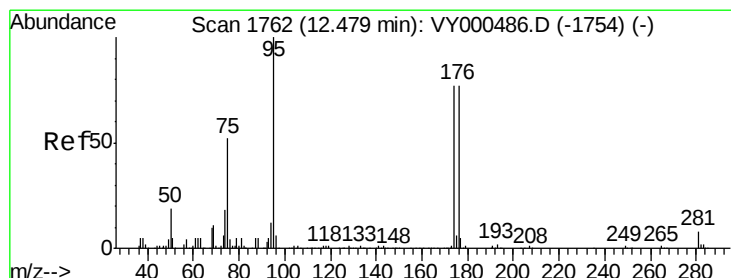
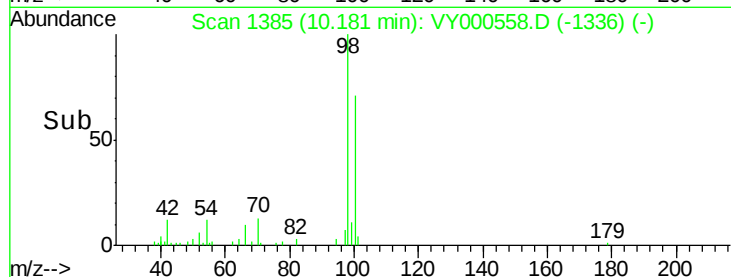
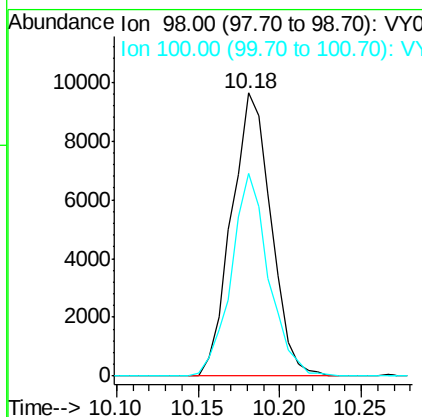
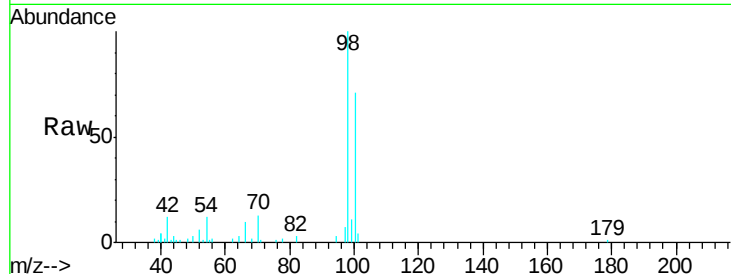
#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampled :
SO-3

Tgt Ion: 98 Resp: 16300
Ion Ratio Lower Upper
98 100
100 67.6 52.9 79.3

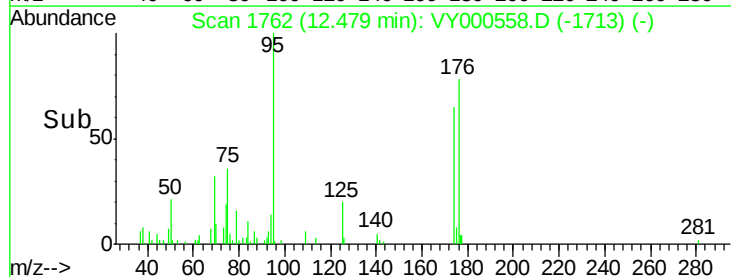
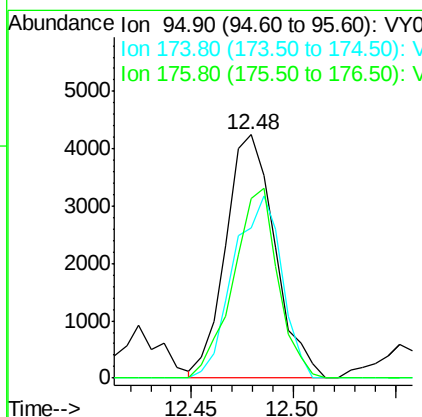
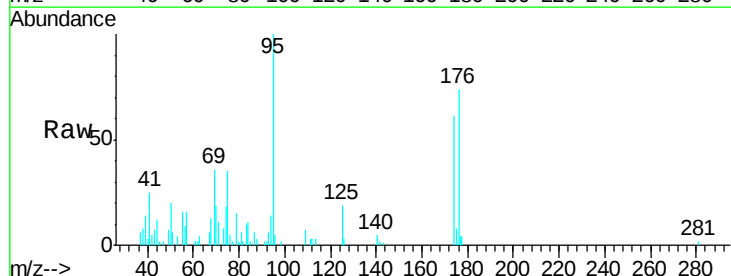
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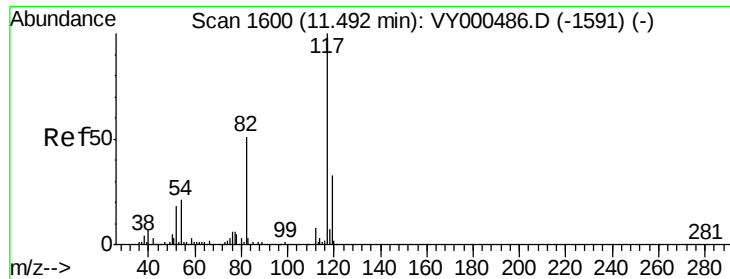
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#62
4-Bromofluorobenzene
Concen: 55.338 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 95 Resp: 7104
Ion Ratio Lower Upper
95 100
174 73.3 0.0 161.6
176 70.8 0.0 157.8





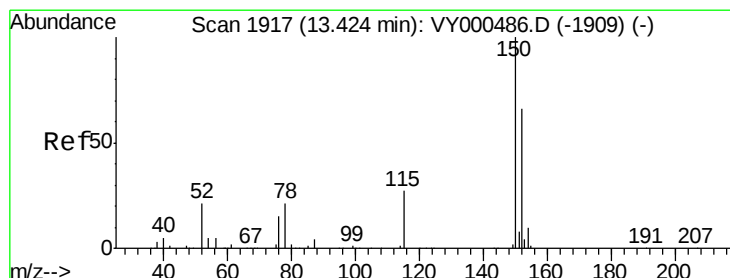
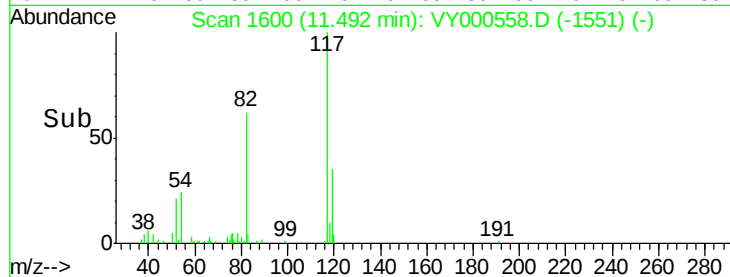
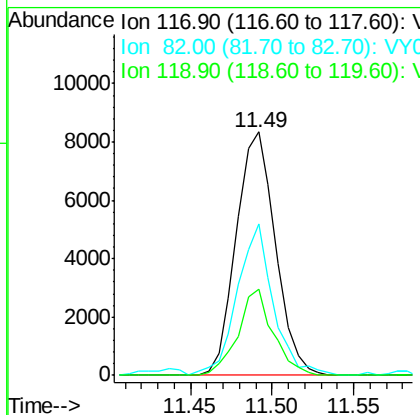
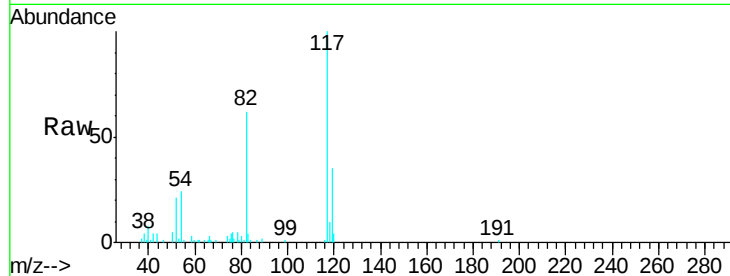
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampled :
SO-3

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.0	40.8	61.2#
119	35.3	26.2	39.2

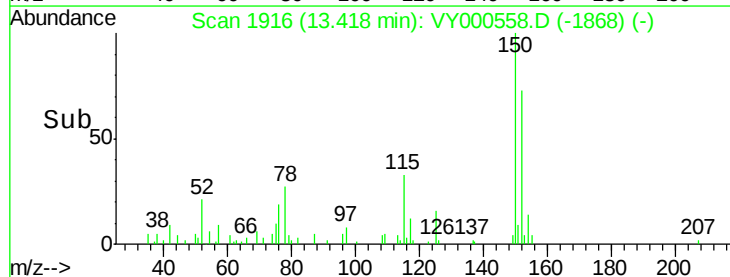
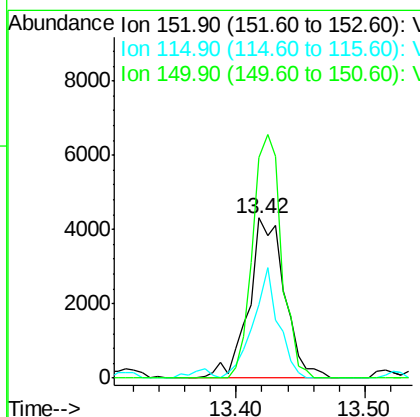
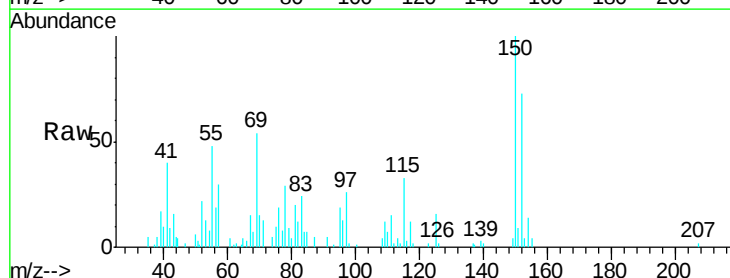
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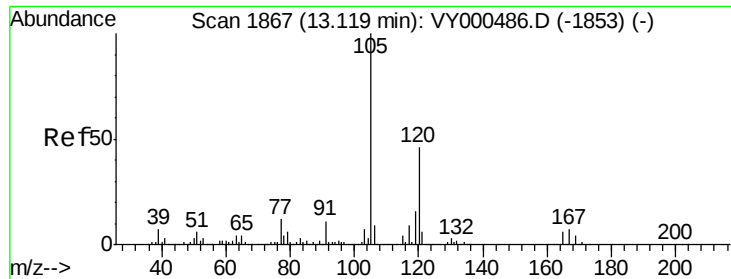
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.0	29.1	87.4
150	122.5	0.0	348.8





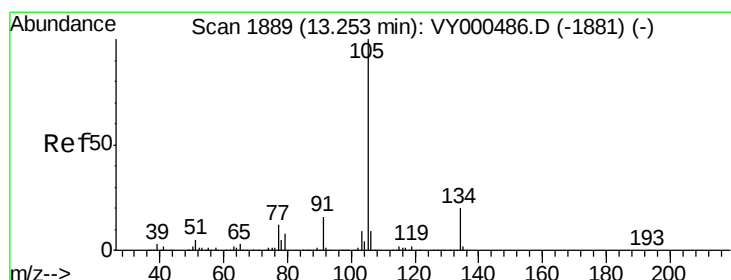
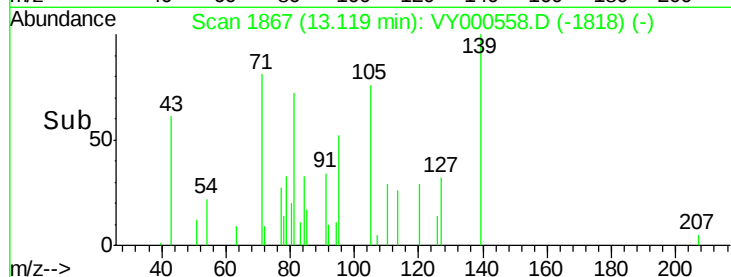
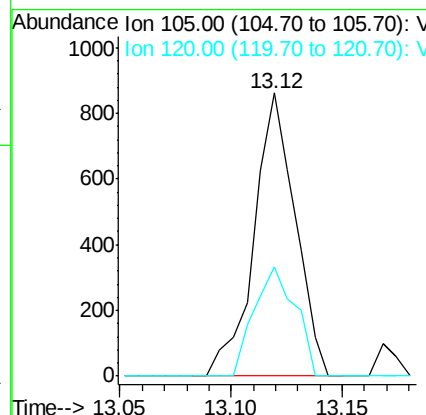
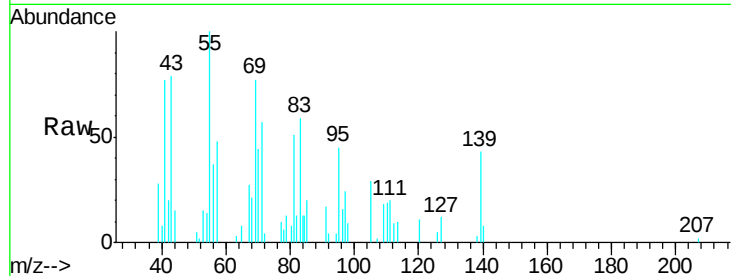
#84
1,2,4-Trimethylbenzene
Concen: 2.210 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampled :
SO-3

Tgt Ion	Ratio	Lower	Upper
105	100		
120	38.5	23.3	69.9

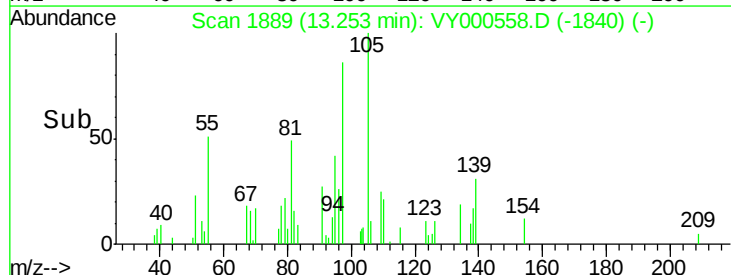
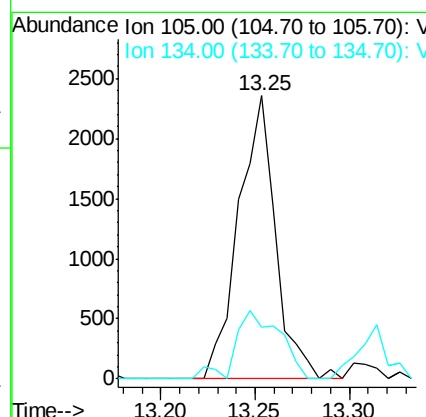
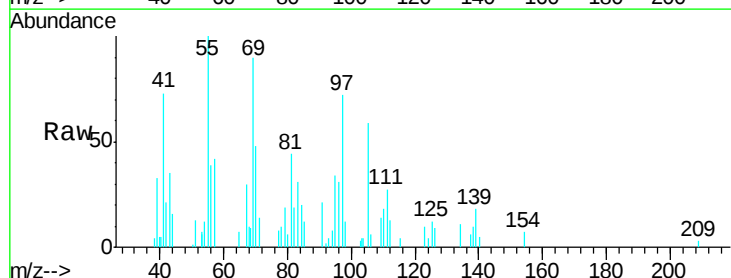
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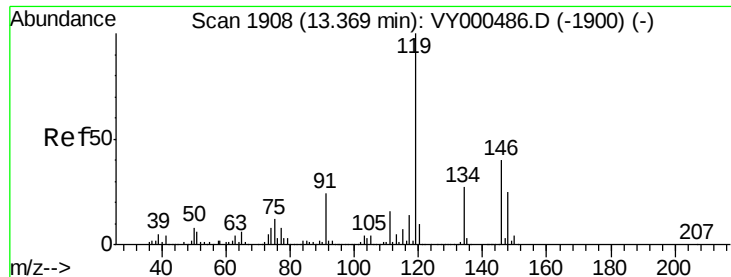
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#85
sec-Butylbenzene
Concen: 5.229 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	28.8	10.1	30.1





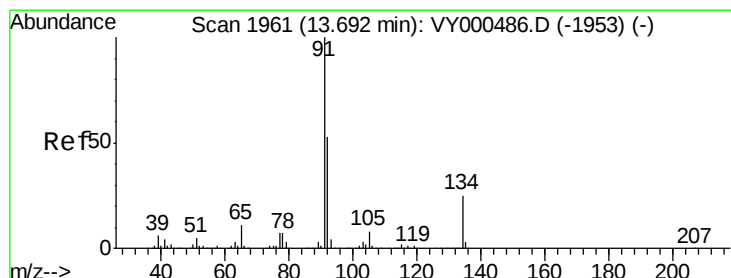
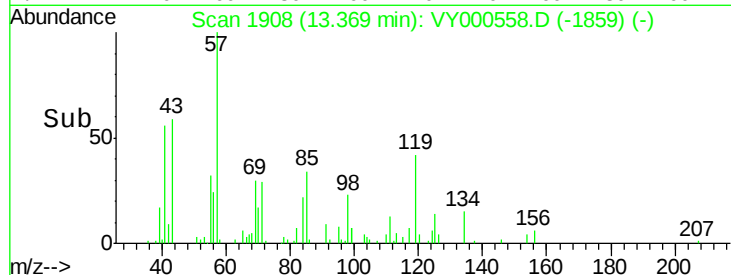
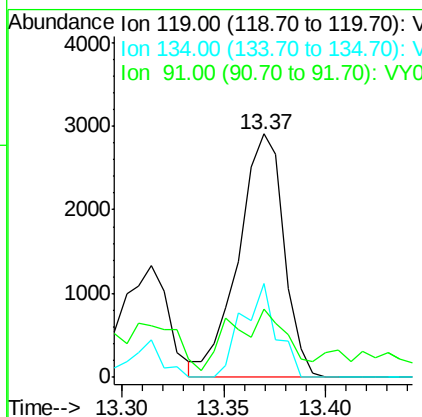
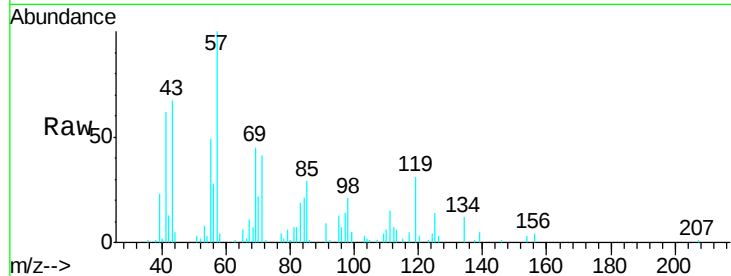
#86
p-Isopropyltoluene
Concen: 8.245 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SO-3

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.6	40.8
91	30.5	12.0	36.1

Manual Integrations
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#89
n-Butylbenzene
Concen: 3.702 ug/l m
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	68.7	26.8	80.3
134	264.0	12.9	38.7#

