

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004767.D
 Acq On : 13 May 2021 15:59
 Operator : SY/MD
 Sample : M2383-02
 Misc : 2.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KSB-02(7.5-9.5)

Manual Integrations
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 5/14/2021 6:50:26 PM

Quant Time: May 14 02:29:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	160561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	275715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106974	55.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.94%			
35) Dibromofluoromethane	7.728	113	90586	56.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.76%			
50) Toluene-d8	10.184	98	364939	50.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.46%			
62) 4-Bromofluorobenzene	12.483	95	127704	52.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.18%			
Target Compounds						Qvalue
16) Acetone	3.966	43	14248	33.19	ug/l	93
17) Carbon Disulfide	4.210	76	5314381	1096.53	ug/l	99
30) Chloroform	7.520	83	6657	2.01	ug/l #	83
39) Methylcyclohexane	9.191	83	4116	1.27	ug/l	96
40) Benzene	8.167	78	587645	69.73	ug/l	98
52) Toluene	10.245	92	98666	18.54	ug/l	97
67) Ethyl Benzene	11.599	91	1482036	140.58	ug/l	98
68) m/p-Xylenes	11.709	106	1001965	252.95	ug/l	99
69) o-Xylene	12.032	106	365374	98.70	ug/l	100
73) Isopropylbenzene	12.336	105	107099	10.70	ug/l	99
78) n-propylbenzene	12.672	91	593510	48.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	938398	112.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	3537218	425.07	ug/l	100
85) sec-Butylbenzene	13.257	105	27132m	2.63	ug/l	
86) p-Isopropyltoluene	13.373	119	61048	6.82	ug/l	95
89) n-Butylbenzene	13.696	91	46023	5.26	ug/l #	71
95) Naphthalene	15.238	128	17290618	3171.25	ug/l #	87

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

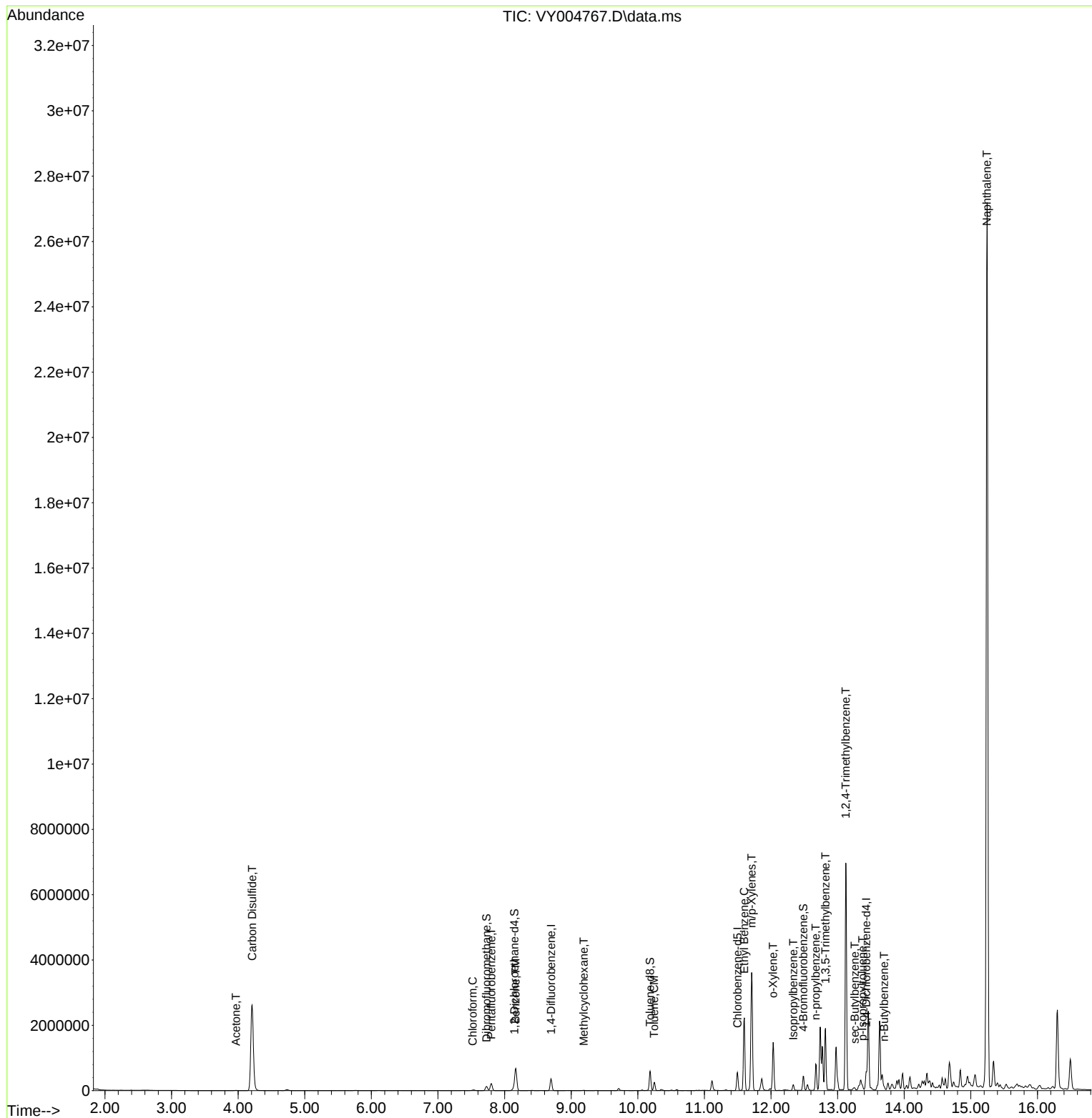
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004767.D
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Operator : SY/MD
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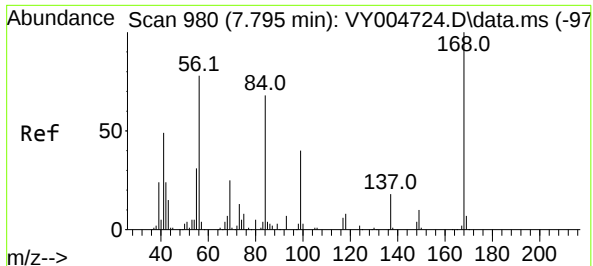
Instrument :
MSVOA_Y
Client Sample Id :
KSB-02(7.5-9.5)

Manual Integrations
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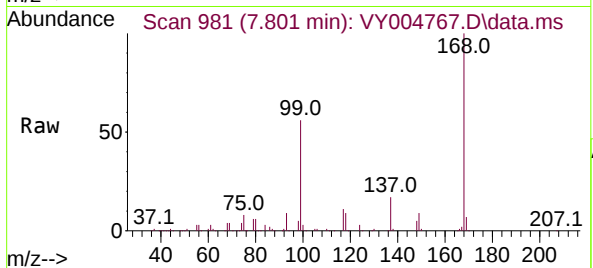
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Quant Time: May 14 02:29:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

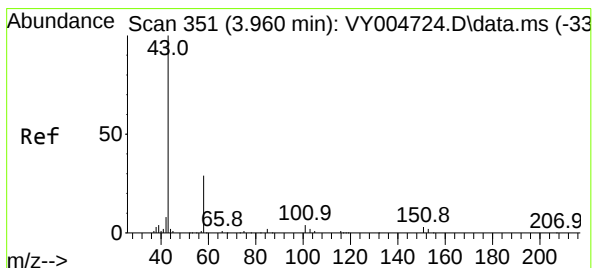
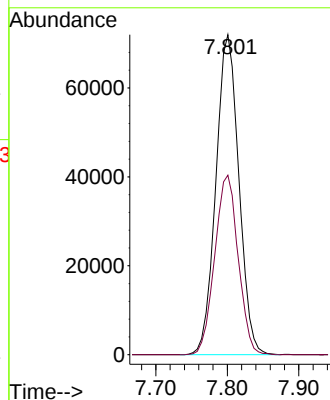
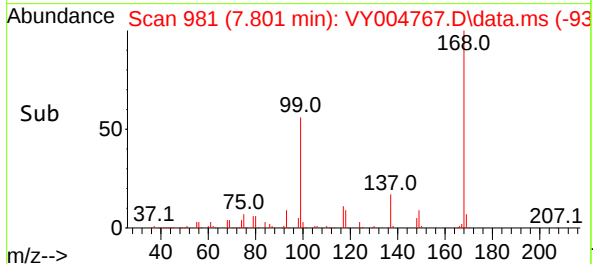




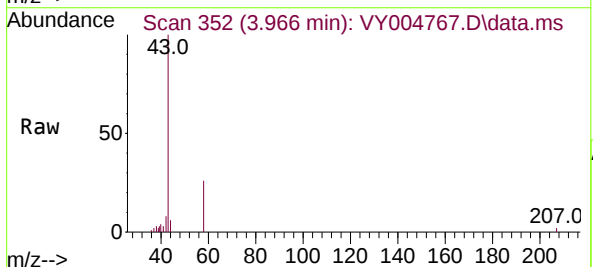
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



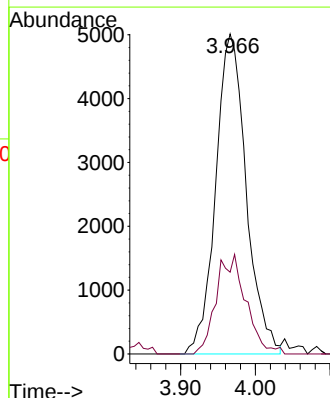
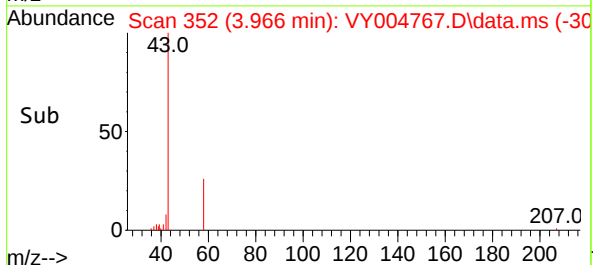
Tgt Ion: 168 Resp: 160561
Ion Ratio Lower Upper
168 100
99 56.1 45.6 68.4



#16
Acetone
Concen: 33.19 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



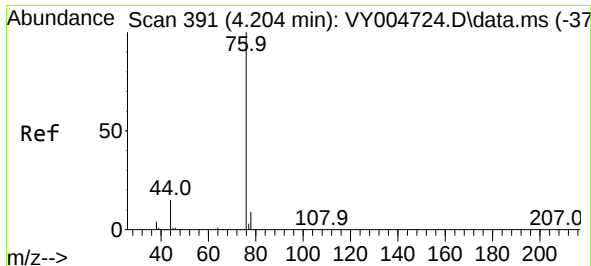
Tgt Ion: 43 Resp: 14248
Ion Ratio Lower Upper
43 100
58 25.6 23.6 35.4



Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

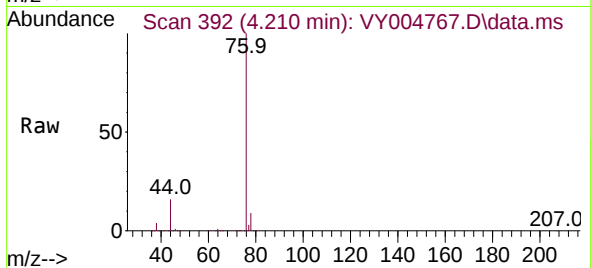
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#17
Carbon Disulfide
Concen: 1096.53 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

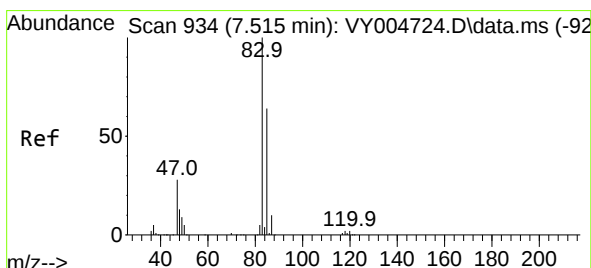
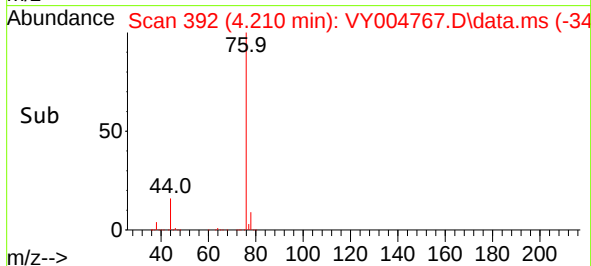
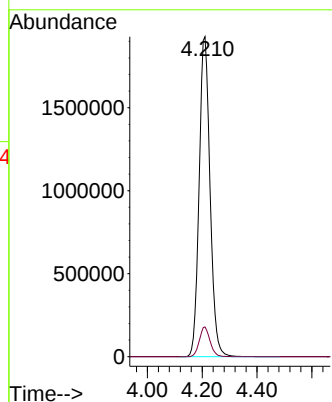
Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)



Tgt Ion: 76 Resp: 5314381
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

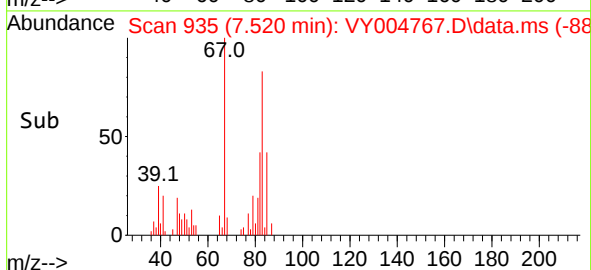
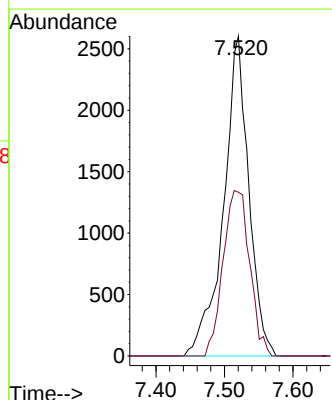
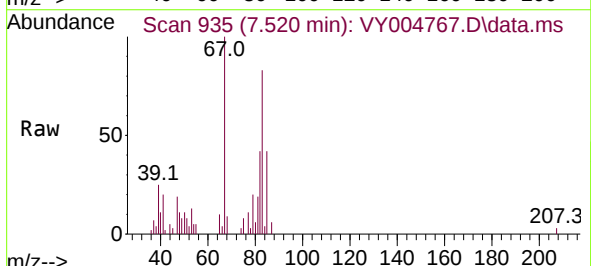
Manual Integrations
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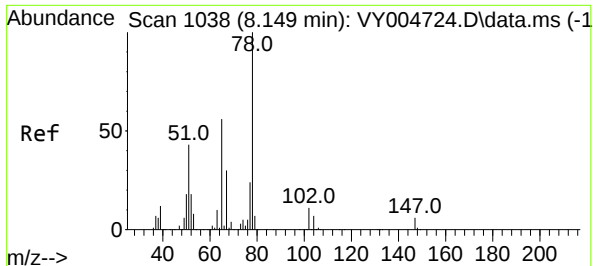
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#30
Chloroform
Concen: 2.01 ug/l
RT: 7.520 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion: 83 Resp: 6657
Ion Ratio Lower Upper
83 100
85 51.1 51.3 76.9#





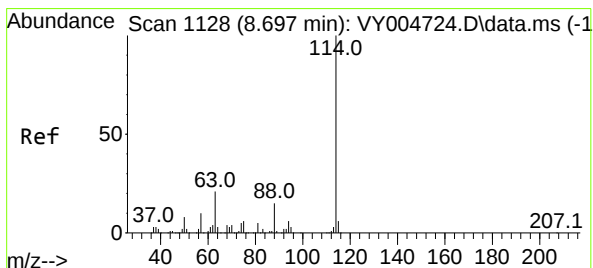
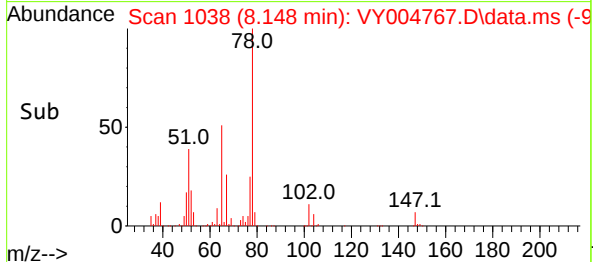
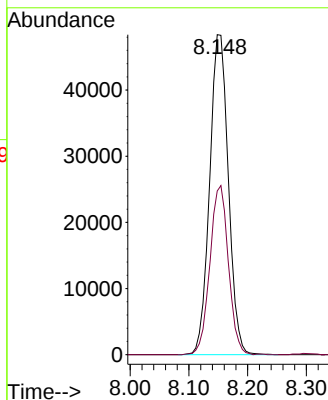
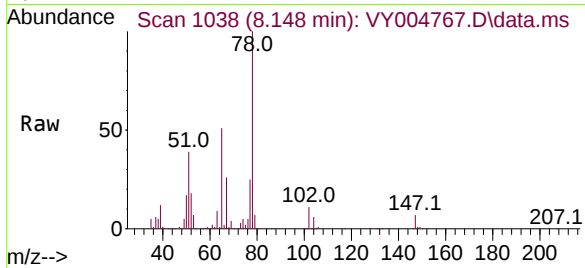
#33
1,2-Dichloroethane-d4
Concen: 55.97 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion: 65 Resp: 106974
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0

Instrument :
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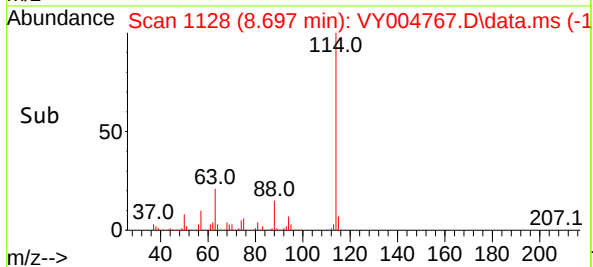
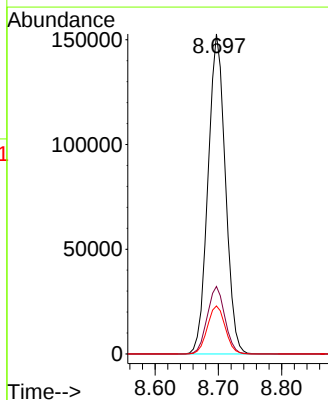
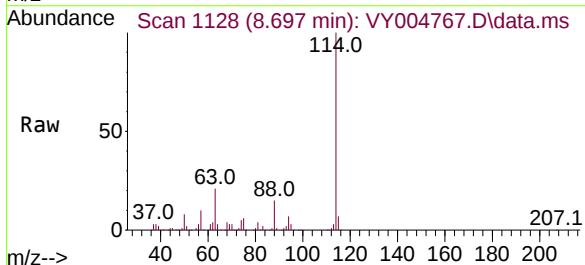
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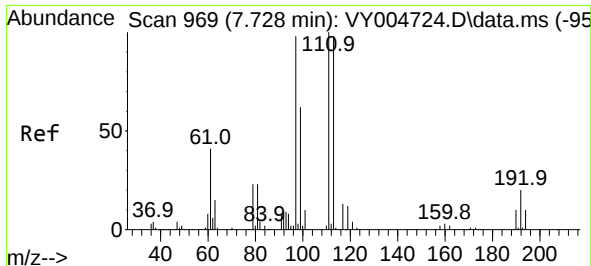
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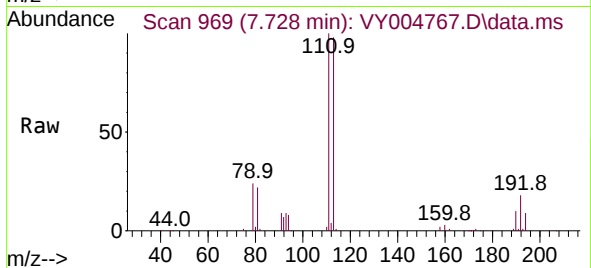
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion: 114 Resp: 290906
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.0 0.0 31.0

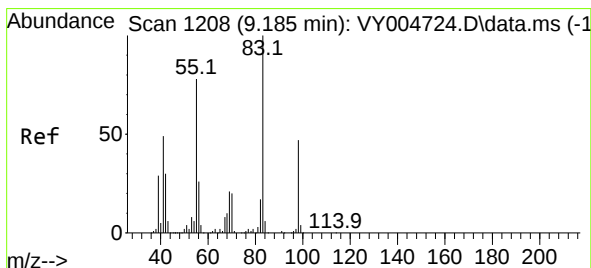
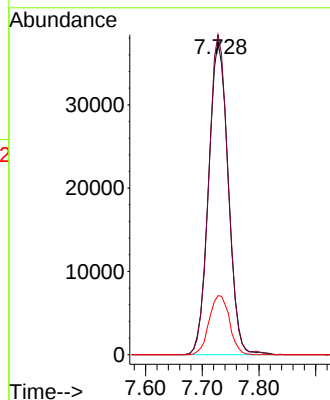
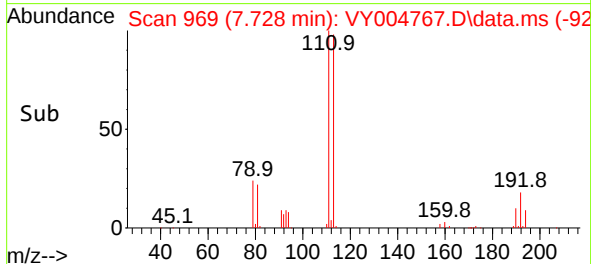




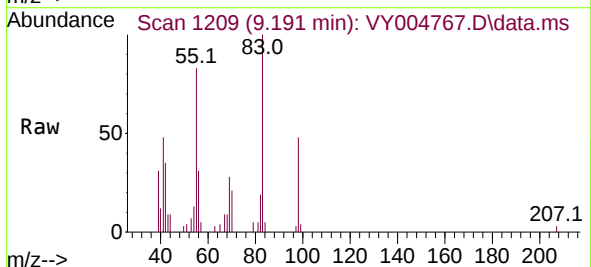
#35
Dibromofluoromethane
Concen: 56.88 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



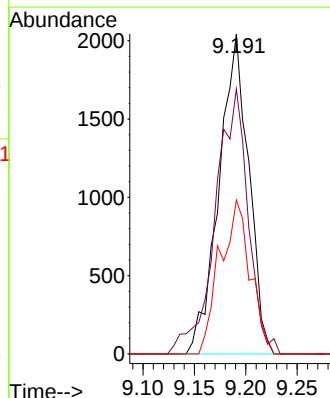
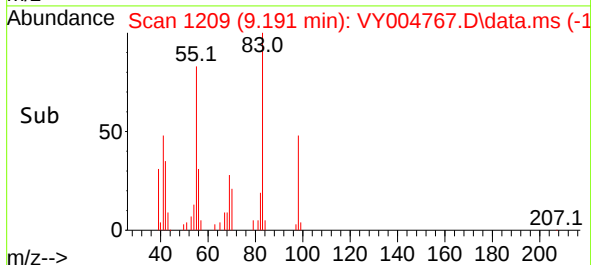
Tgt Ion:	113	Resp:	90586
Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.5	120.7
192	19.4	15.0	22.6



#39
Methylcyclohexane
Concen: 1.27 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



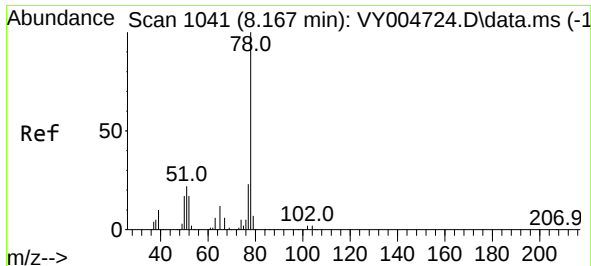
Tgt Ion:	83	Resp:	4116
Ion	Ratio	Lower	Upper
83	100		
55	82.8	62.6	94.0
98	48.1	37.8	56.6



Instrument :
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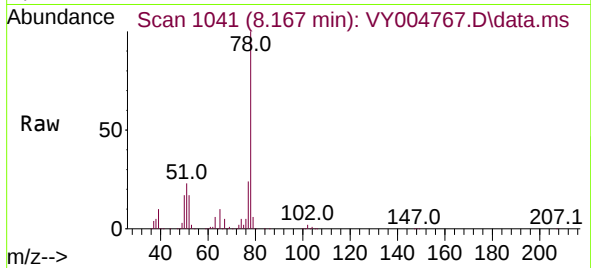
Manual Integrations
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#40
Benzene
Concen: 69.73 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

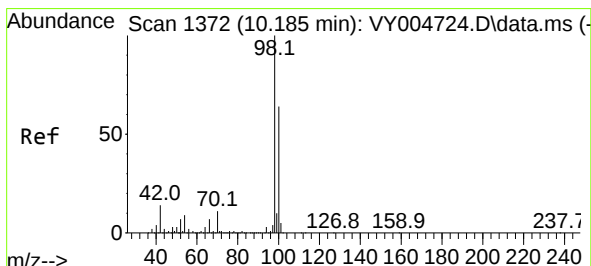
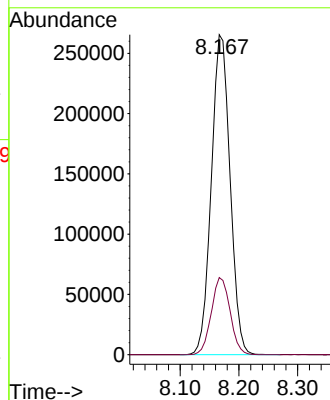
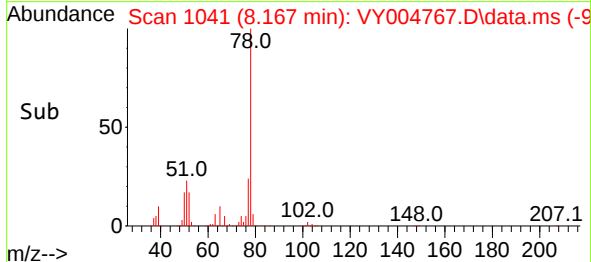
Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)



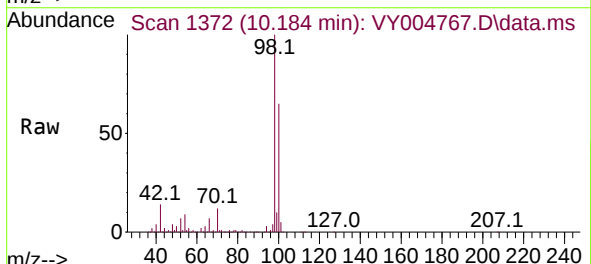
Tgt Ion: 78 Resp: 587645
Ion Ratio Lower Upper
78 100
77 24.1 18.4 27.6

Manual Integrations
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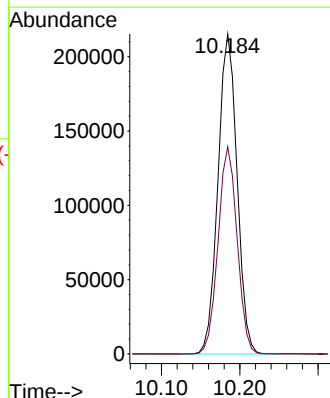
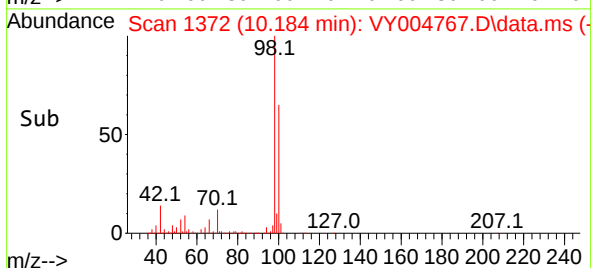
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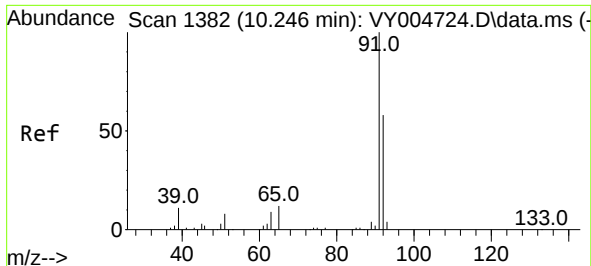


#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

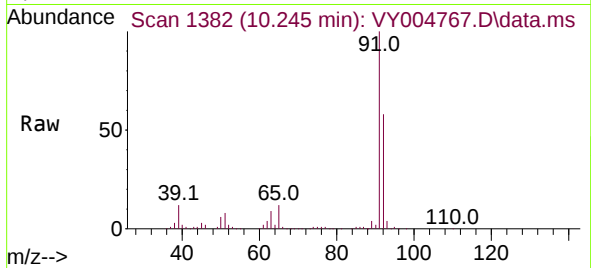


Tgt Ion: 98 Resp: 364939
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

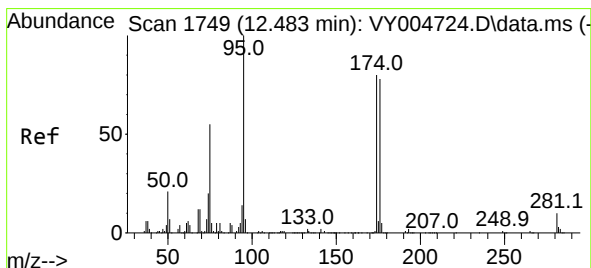
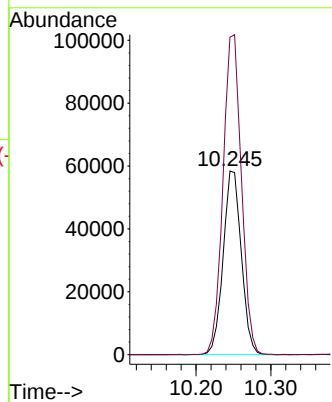
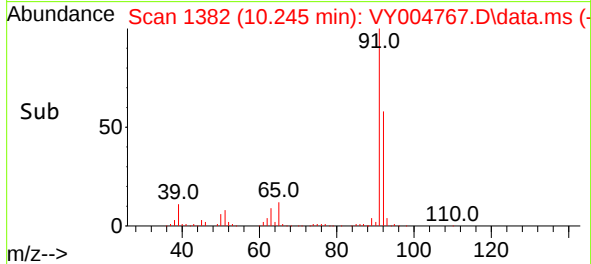




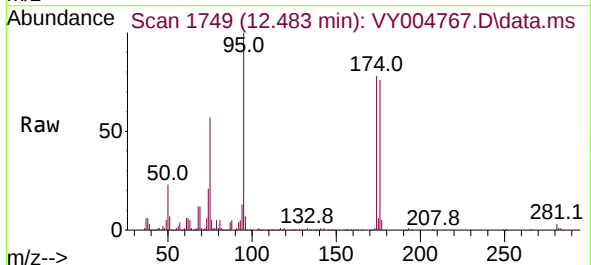
#52
Toluene
Concen: 18.54 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



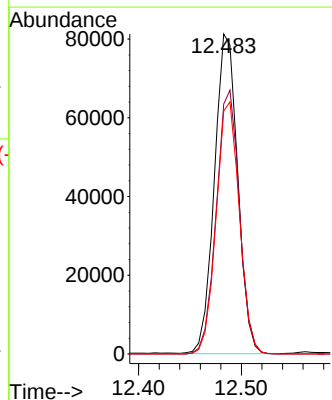
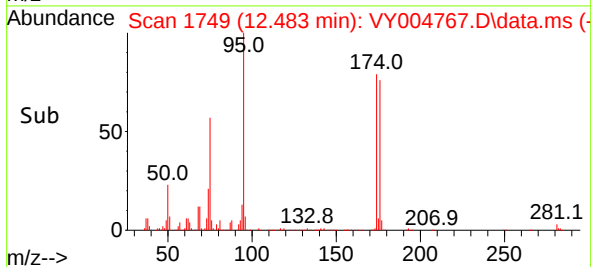
Tgt Ion: 92 Resp: 98666
Ion Ratio Lower Upper
92 100
91 176.9 138.2 207.4



#62
4-Bromofluorobenzene
Concen: 52.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



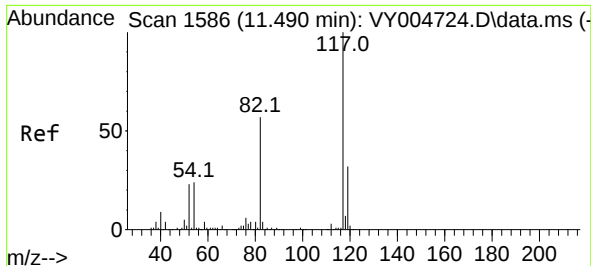
Tgt Ion: 95 Resp: 127704
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.2
176 78.4 0.0 159.0



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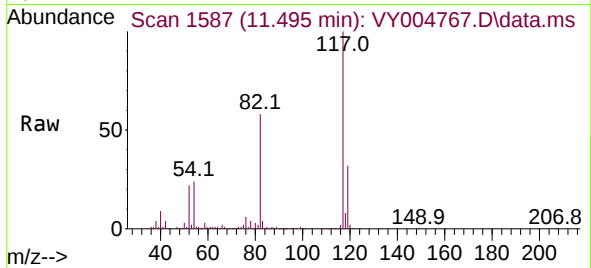
Manual Integrations
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

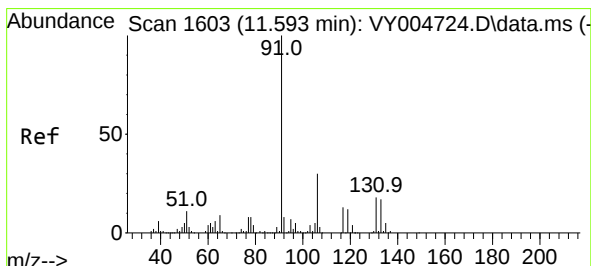
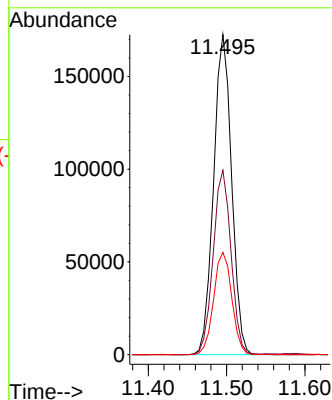
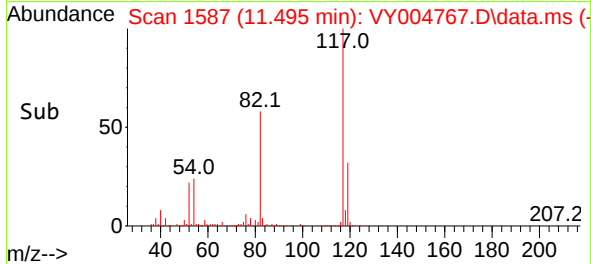
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ClientSampleId :
KSB-02(7.5-9.5)



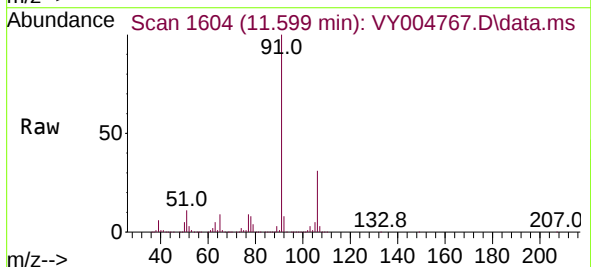
Tgt Ion:117 Resp: 275715
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 32.0 25.8 38.6

Manual Integrations
APPROVED

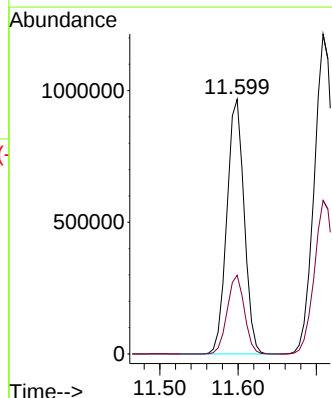
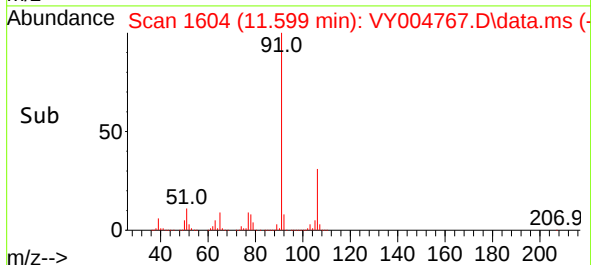
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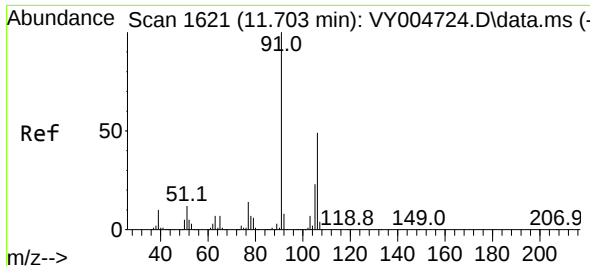


#67
Ethyl Benzene
Concen: 140.58 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



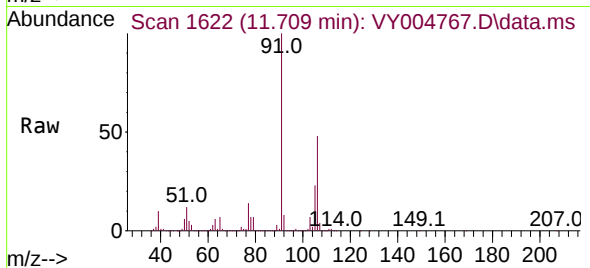
Tgt Ion: 91 Resp: 1482036
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0





#68
m/p-Xylenes
Concen: 252.95 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

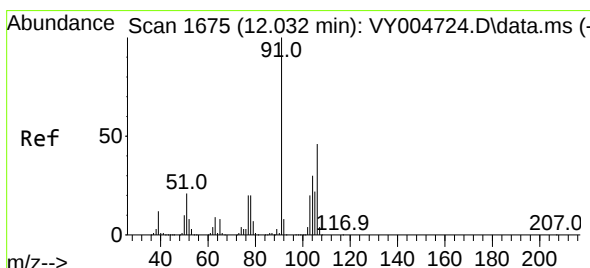
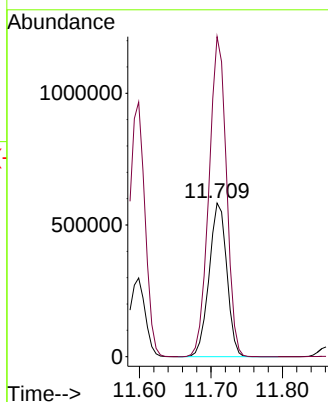
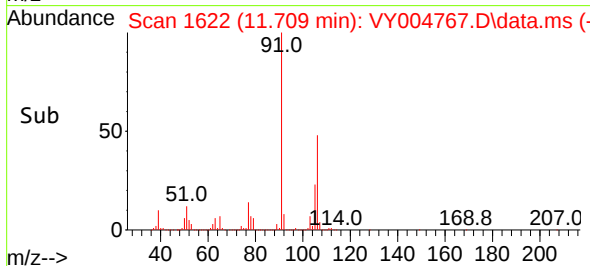
Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)



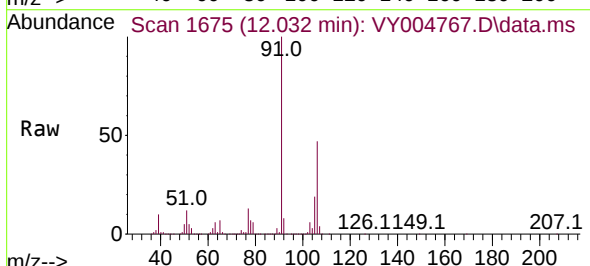
Tgt Ion:106 Resp: 1001965
Ion Ratio Lower Upper
106 100
91 205.8 163.6 245.4

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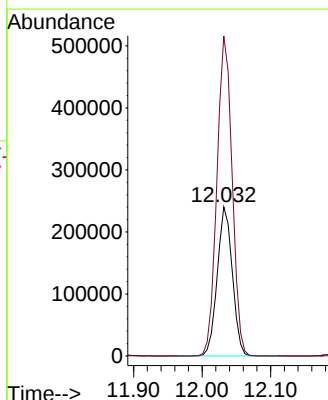
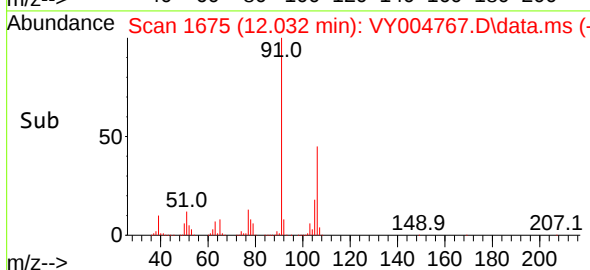
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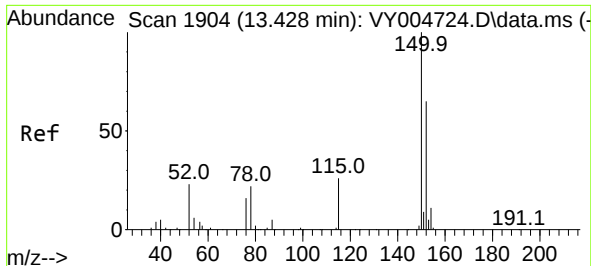


#69
o-Xylene
Concen: 98.70 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

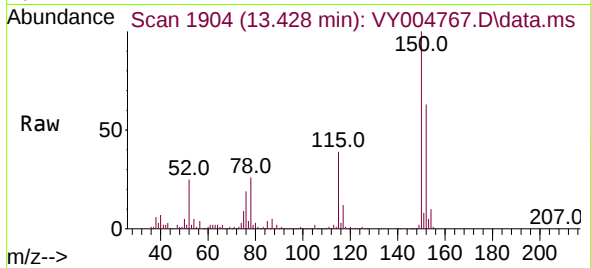


Tgt Ion:106 Resp: 365374
Ion Ratio Lower Upper
106 100
91 217.4 108.9 326.7

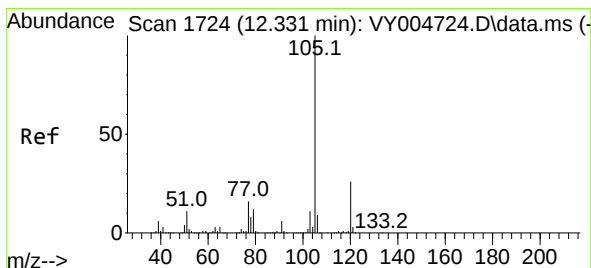
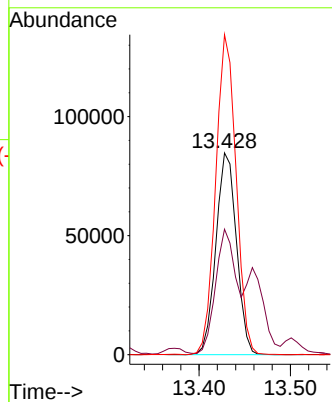
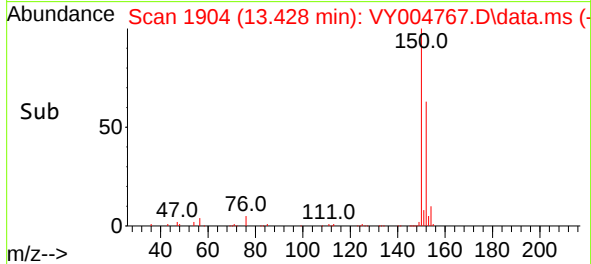




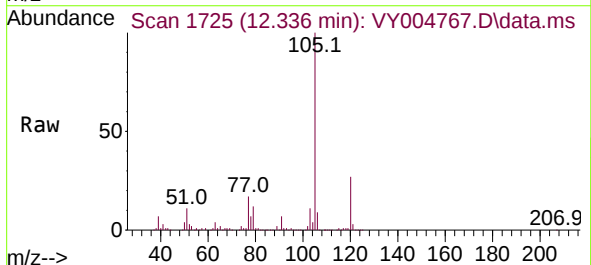
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



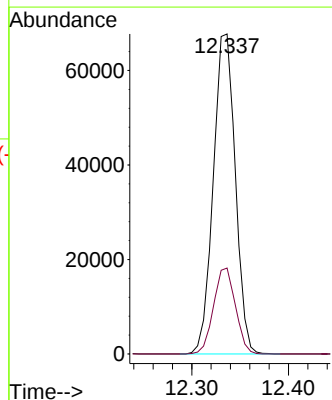
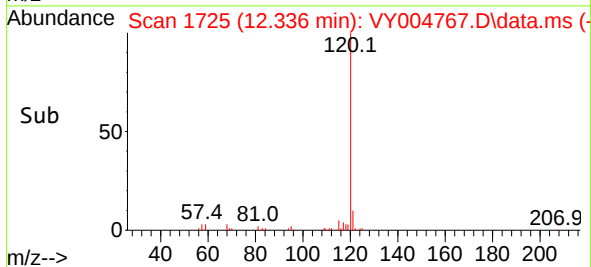
Tgt Ion:152 Resp: 132699
Ion Ratio Lower Upper
152 100
115 62.3 29.4 88.3
150 157.3 0.0 349.8



#73
Isopropylbenzene
Concen: 10.70 ug/l
RT: 12.336 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59



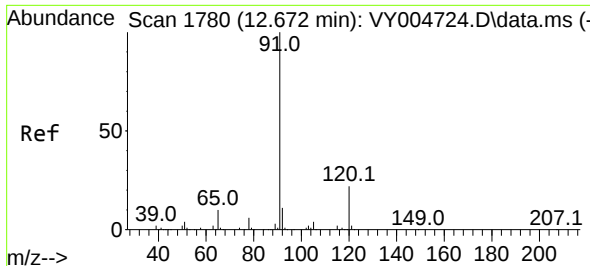
Tgt Ion:105 Resp: 107099
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

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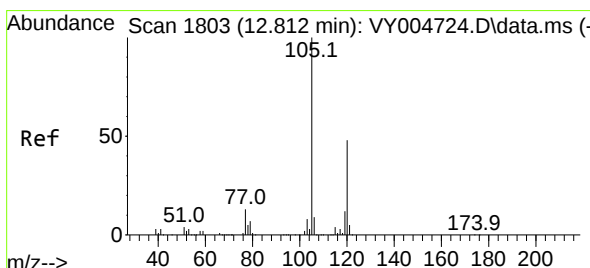
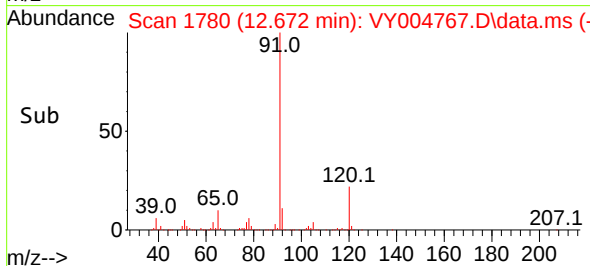
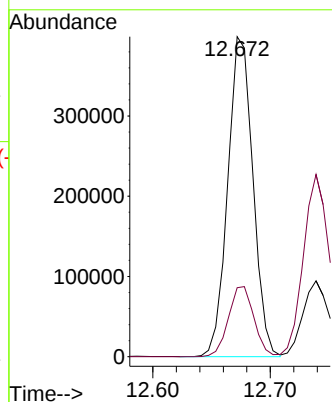
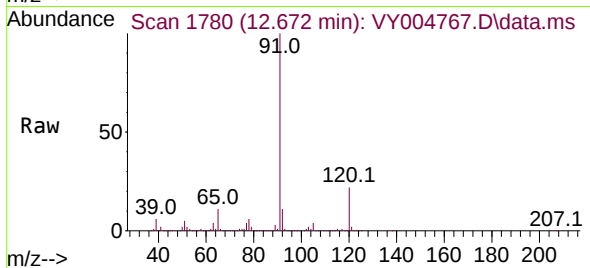
#78
n-propylbenzene
Concen: 48.58 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion: 91 Resp: 593510
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

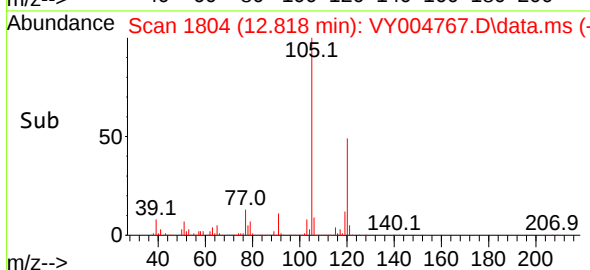
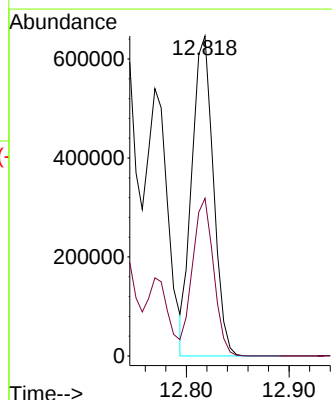
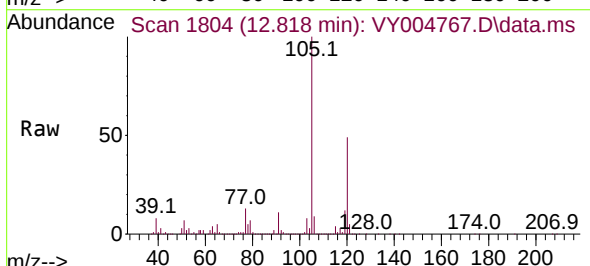
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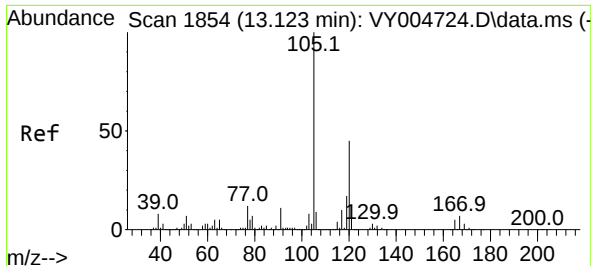
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#80
1,3,5-Trimethylbenzene
Concen: 112.87 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

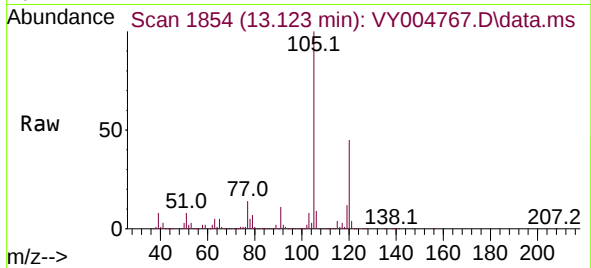
Tgt Ion: 105 Resp: 938398
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 425.07 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

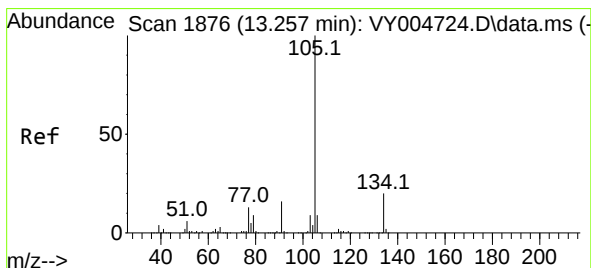
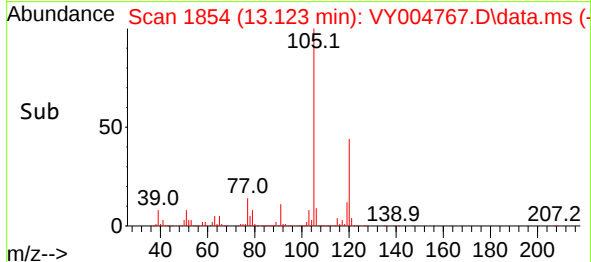
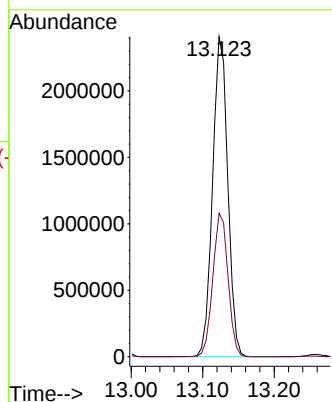
Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)



Tgt Ion:105 Resp: 3537218
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5

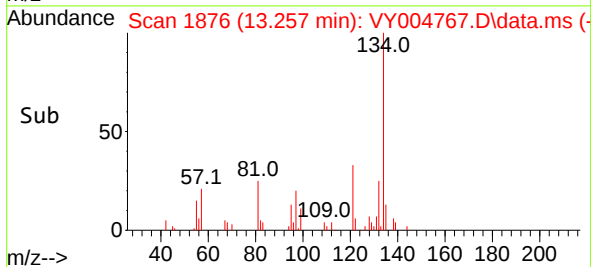
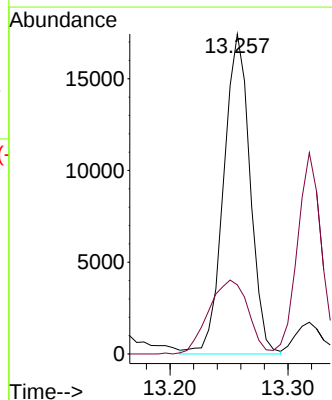
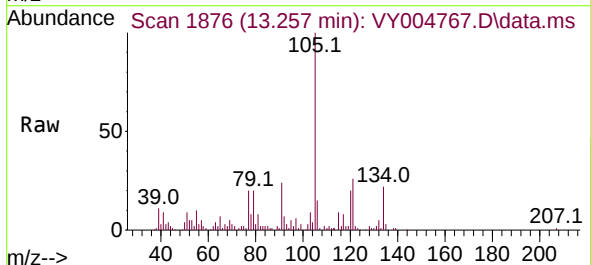
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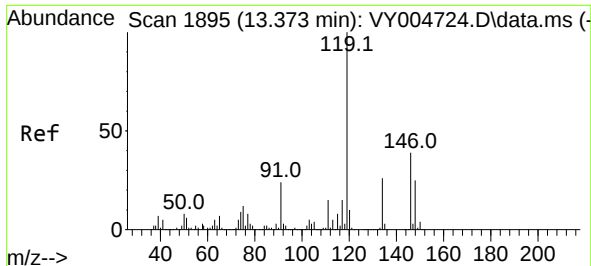
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#85
sec-Butylbenzene
Concen: 2.63 ug/l m
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion:105 Resp: 27132
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





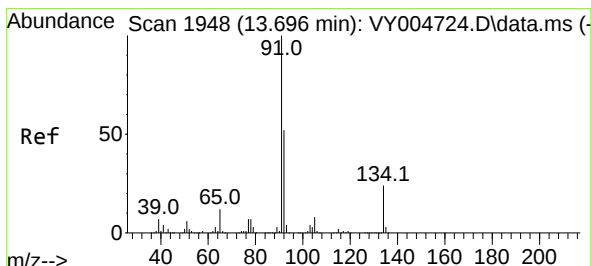
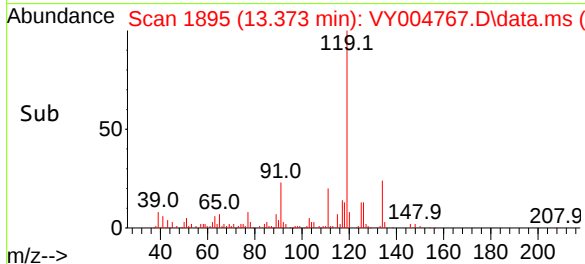
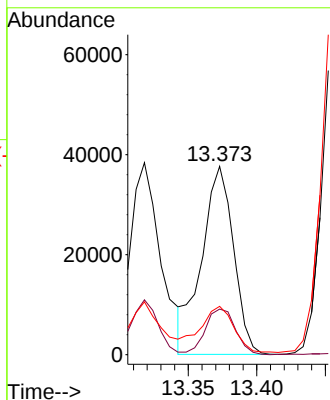
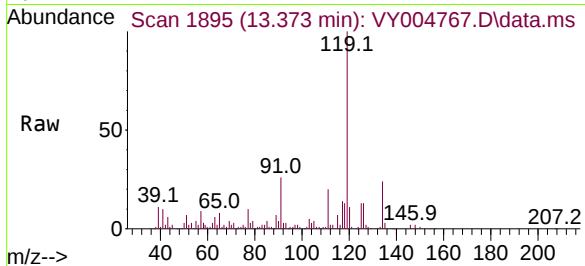
#86
p-Isopropyltoluene
Concen: 6.82 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Tgt Ion:	119	Resp:	61048
Ion Ratio	Lower	Upper	
119	100		
134	22.8	12.9	38.7
91	25.9	12.0	36.1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

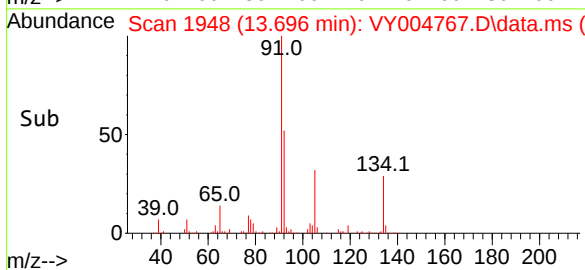
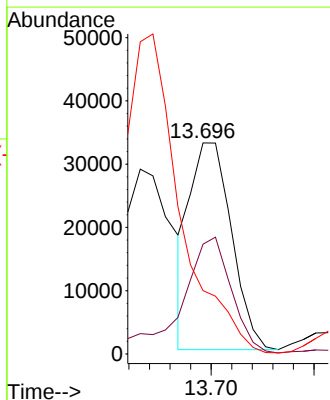
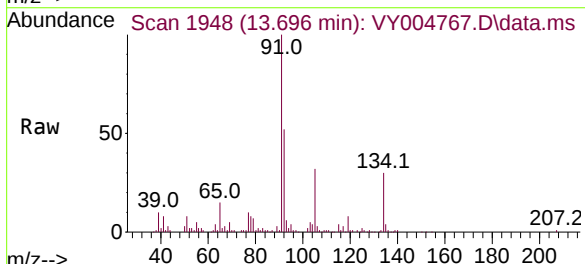
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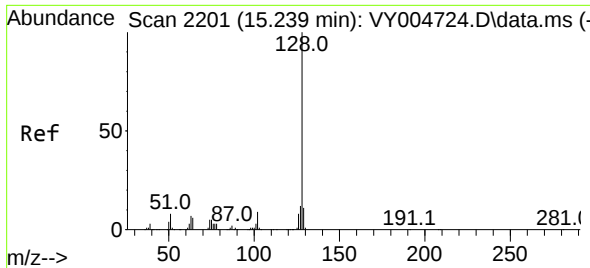
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#89
n-Butylbenzene
Concen: 5.26 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

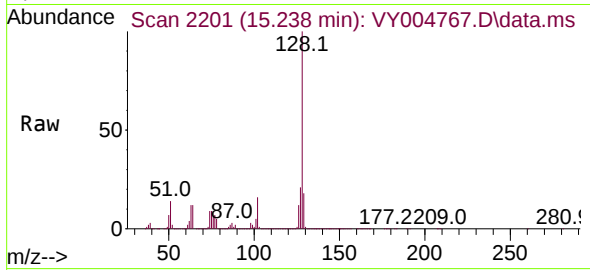
Tgt Ion:	91	Resp:	46023
Ion Ratio	Lower	Upper	
91	100		
92	66.6	26.4	79.0
134	0.0	12.6	37.6#





#95
Naphthalene
Concen: 3171.25 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004767.D
Acq: 13 May 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)



Tgt Ion:128 Resp:17290618
Ion Ratio Lower Upper
128 100
127 18.0 10.2 15.2#
129 15.8 8.6 13.0#

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