

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068879.D
 Acq On : 16 Apr 2021 16:50
 Operator : VA/SY
 Sample : M2042-05RE
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(55-56)RE

Manual Integrations
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Quant Time: Apr 16 23:50:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	172267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	313115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	386262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	82990	45.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.16%		
35) Dibromofluoromethane	7.920	113	100350	49.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.54%		
50) Toluene-d8	10.338	98	433326	56.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	112.80%		
62) 4-Bromofluorobenzene	12.632	95	246116	96.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	192.90%#		
Target Compounds						
16) Acetone	4.162	43	3589	14.24	ug/l #	80
17) Carbon Disulfide	4.409	76	26744	4.79	ug/l #	94
39) Methylcyclohexane	9.355	83	78576	21.26	ug/l	95
73) Isopropylbenzene	12.479	105	343079	16.20	ug/l	100
78) n-propylbenzene	12.820	91	806445	31.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	393912	22.25	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	5753769	321.73	ug/l	98
85) sec-Butylbenzene	13.402	105	972547	45.87	ug/l #	78
89) n-Butylbenzene	13.832	91	632864m	34.70	ug/l	

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

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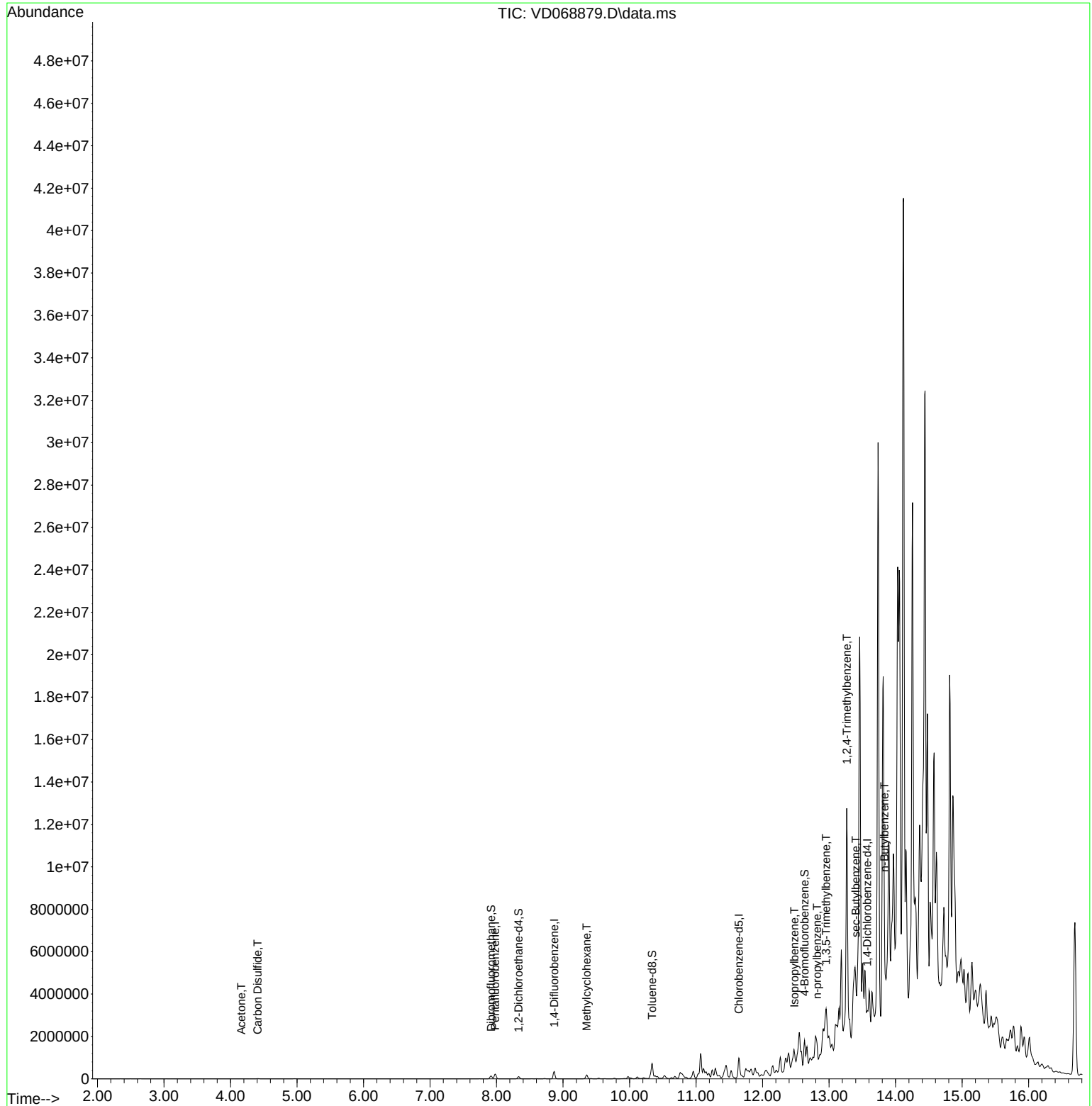
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)RE

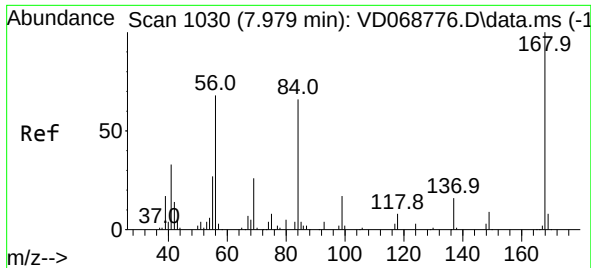
Quant Time: Apr 16 23:50:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

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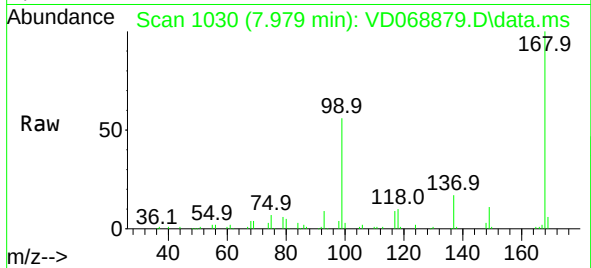
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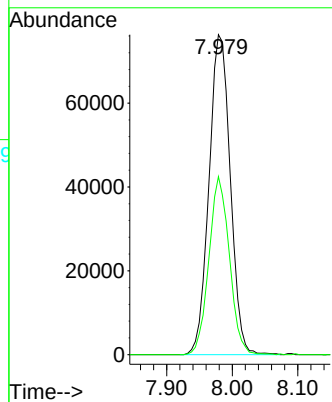
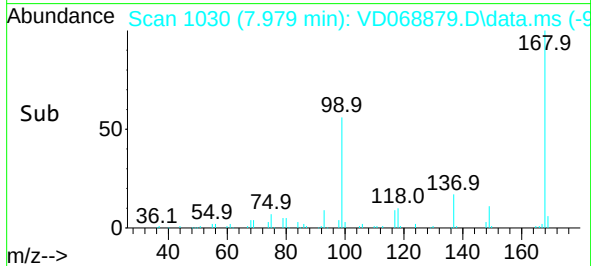




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50



Tgt Ion: 168 Resp: 172267
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2

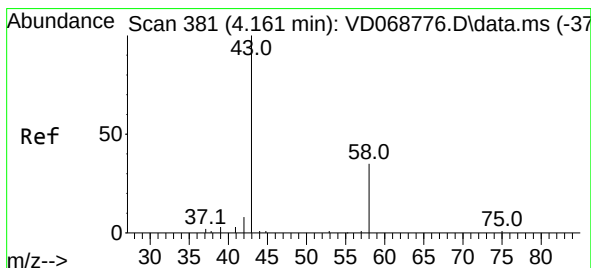


Instrument :
MSVOA_D
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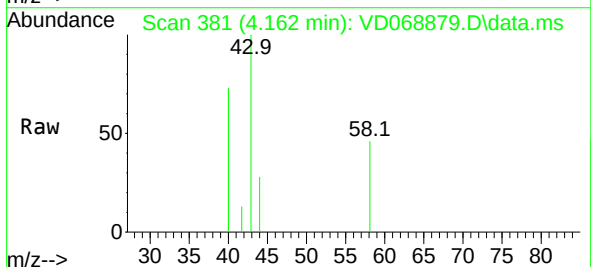
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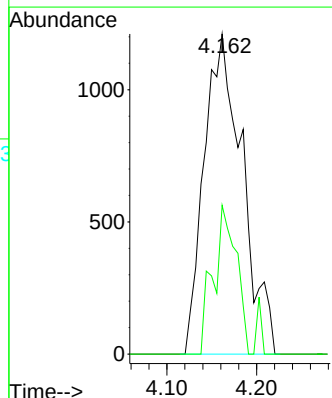
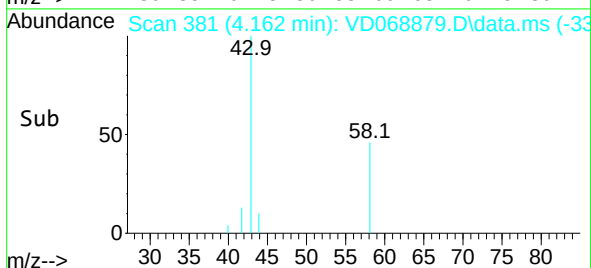
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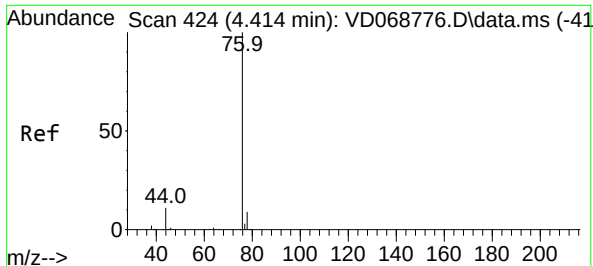


#16
Acetone
Concen: 14.24 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50



Tgt Ion: 43 Resp: 3589
Ion Ratio Lower Upper
43 100
58 46.5 28.0 42.0#





#17
Carbon Disulfide
Concen: 4.79 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

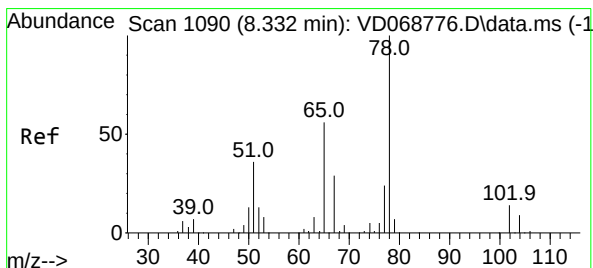
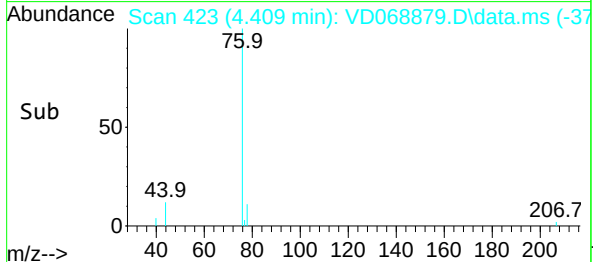
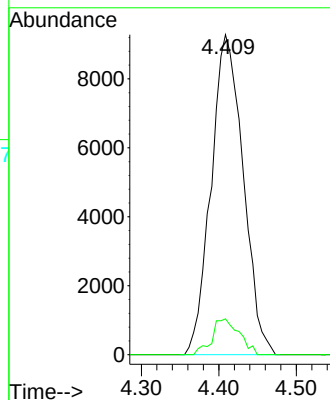
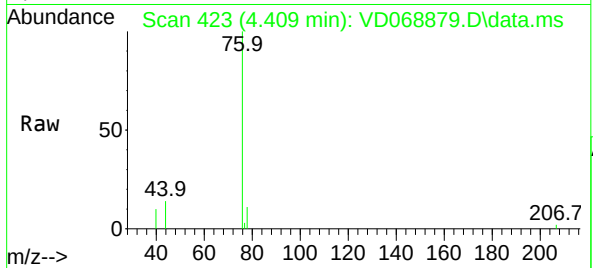
Tgt Ion: 76 Resp: 26744
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#

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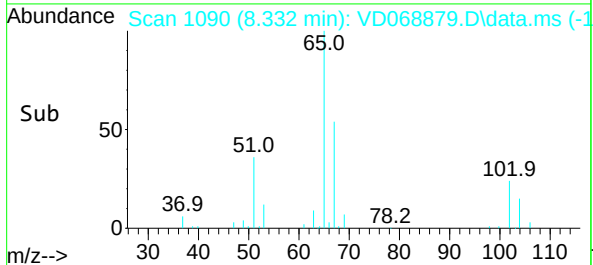
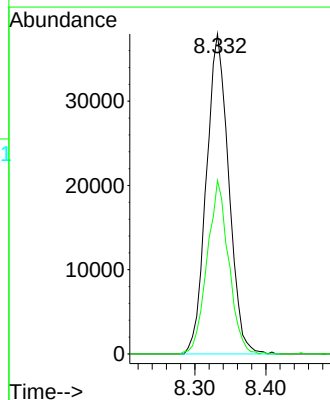
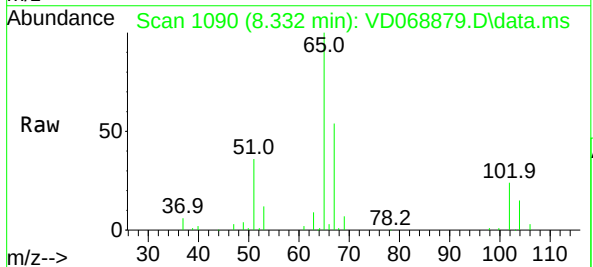
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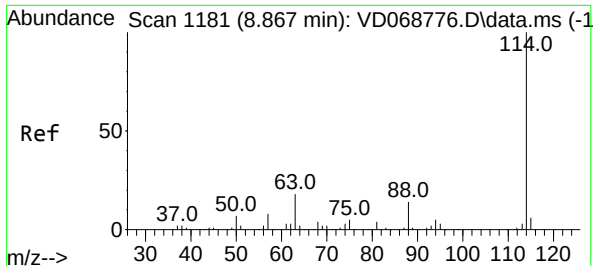
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#33
1,2-Dichloroethane-d4
Concen: 45.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

Tgt Ion: 65 Resp: 82990
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

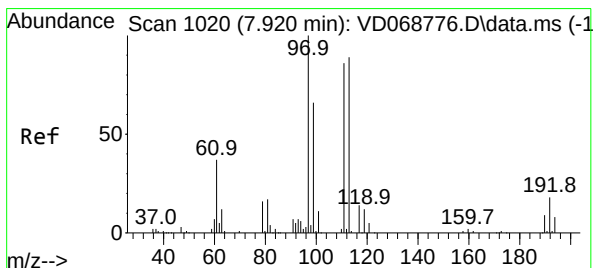
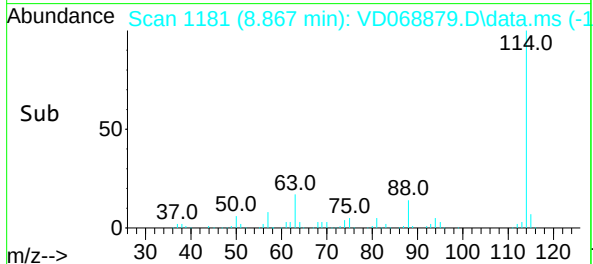
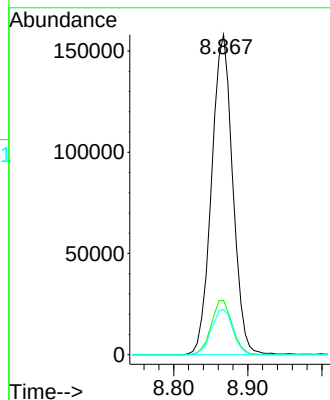
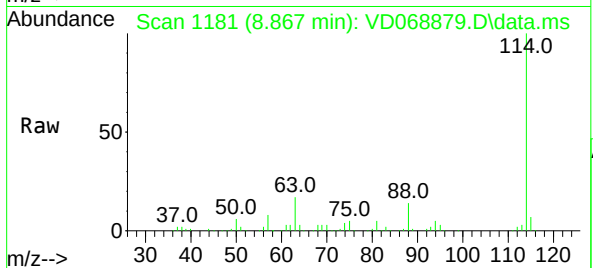
Tgt Ion:114 Resp: 313115
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.1 0.0 29.4

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FS-SB12A(55-56)RE

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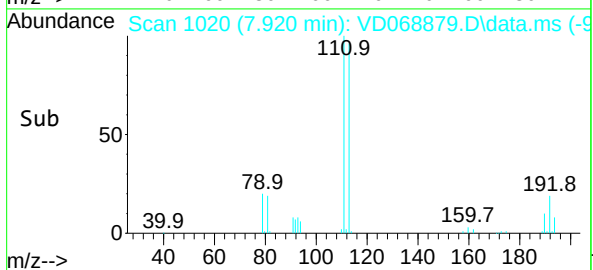
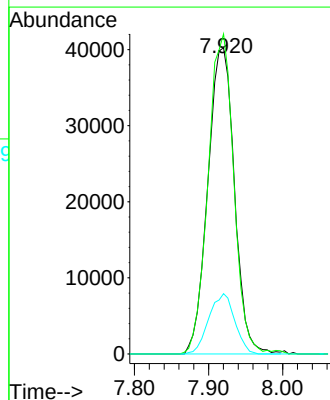
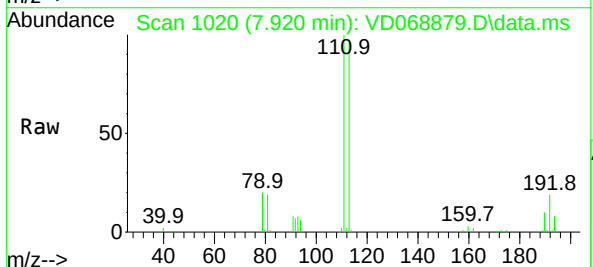
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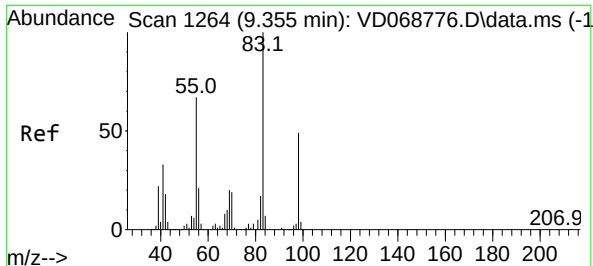
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#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

Tgt Ion:113 Resp: 100350
Ion Ratio Lower Upper
113 100
111 101.2 82.5 123.7
192 19.2 15.1 22.7





#39

Methylcyclohexane

Concen: 21.26 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068879.D

Acq: 16 Apr 2021 16:50

Tgt Ion:	83	Resp:	78576
Ion Ratio	Lower	Upper	
83	100		
55	67.6	51.7	77.5
98	53.4	38.8	58.2

Instrument :

MSVOA_D

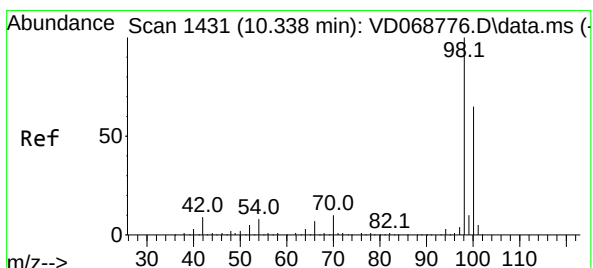
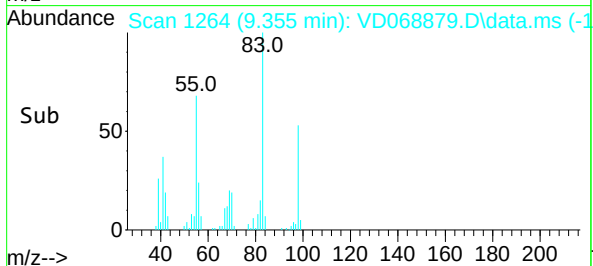
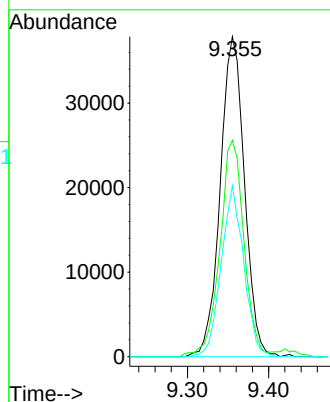
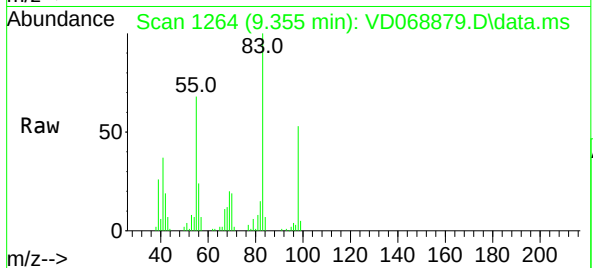
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#50

Toluene-d8

Concen: 56.40 ug/l

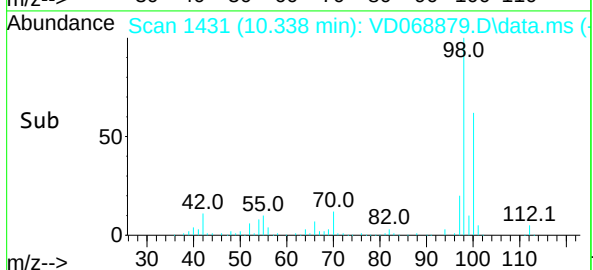
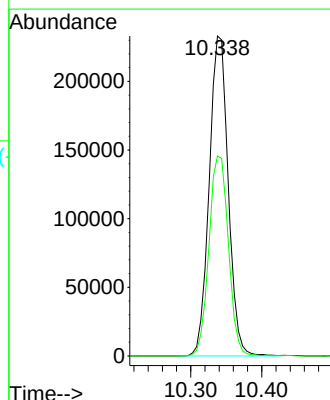
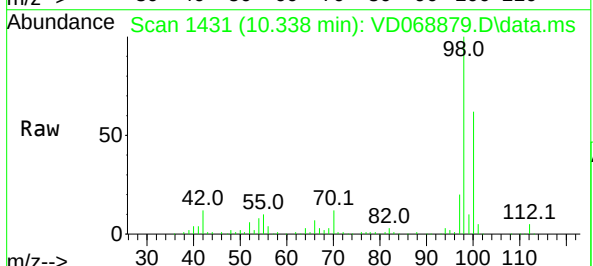
RT: 10.338 min Scan# 1431

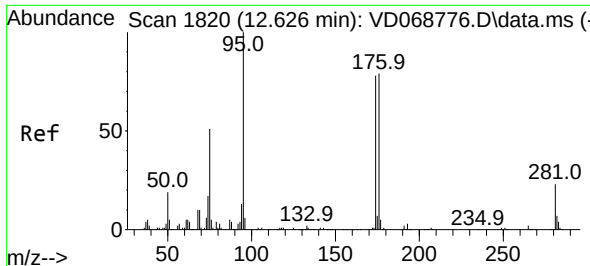
Delta R.T. -0.000 min

Lab File: VD068879.D

Acq: 16 Apr 2021 16:50

Tgt Ion:	98	Resp:	433326
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.8	77.6





#62
4-Bromofluorobenzene
Concen: 96.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

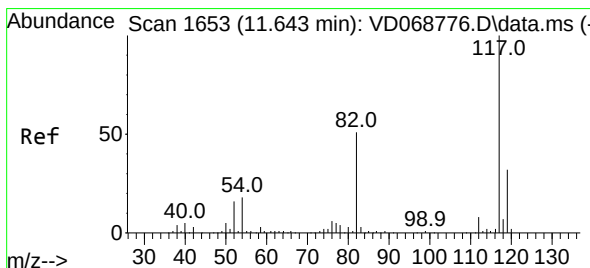
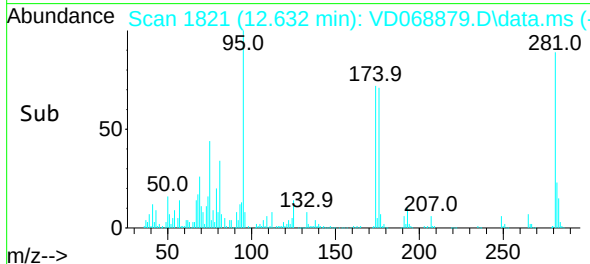
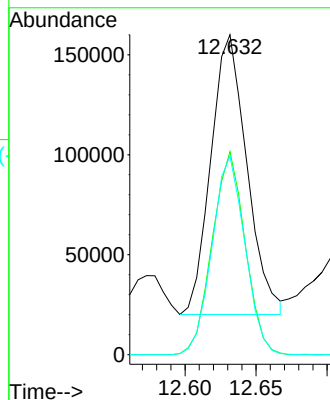
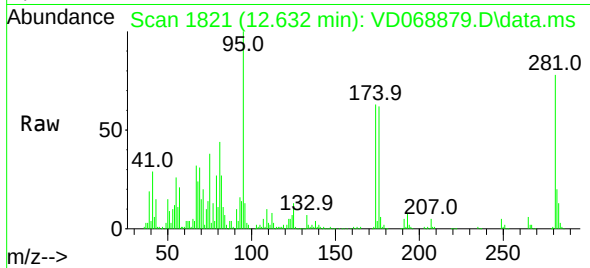
Tgt Ion: 95 Resp: 246116
Ion Ratio Lower Upper
95 100
174 66.4 0.0 168.0
176 64.9 0.0 160.2

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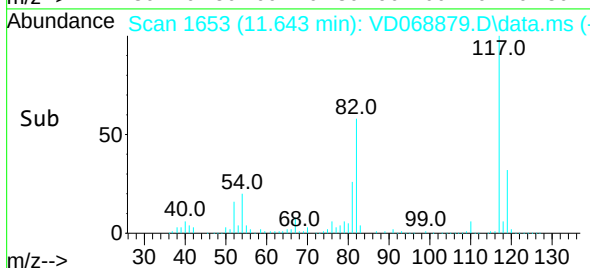
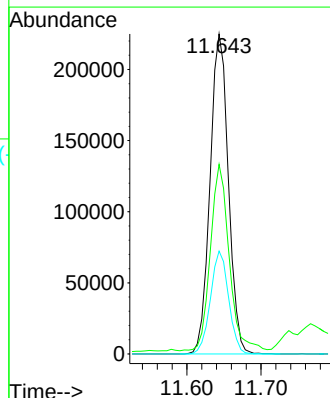
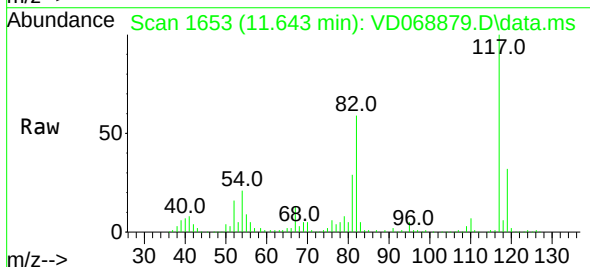
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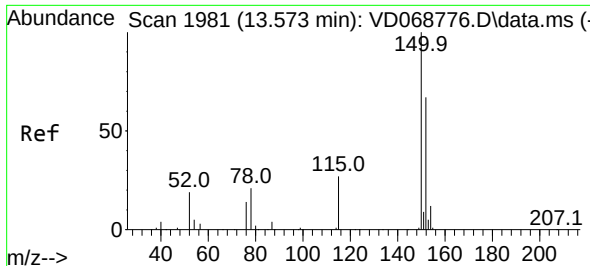
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

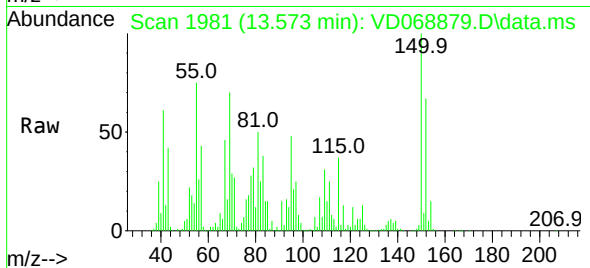
Tgt Ion: 117 Resp: 386262
Ion Ratio Lower Upper
117 100
82 58.3 43.5 65.3
119 32.2 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

Instrument :
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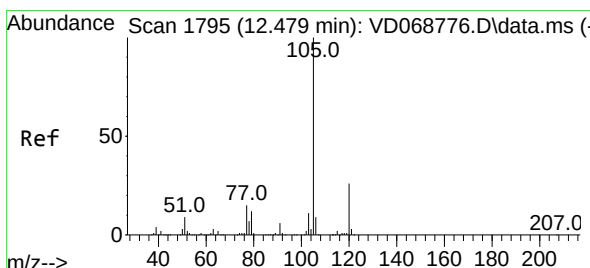
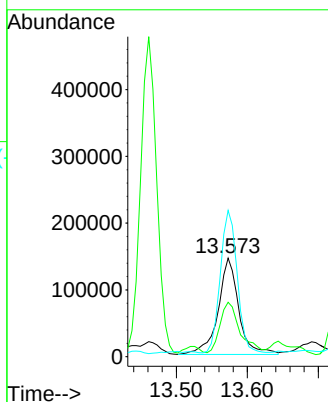
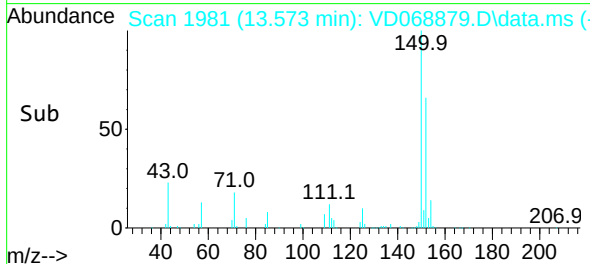


Tgt Ion:152 Resp: 290076
Ion Ratio Lower Upper
152 100
115 50.0 29.3 87.8
150 120.4 0.0 347.6

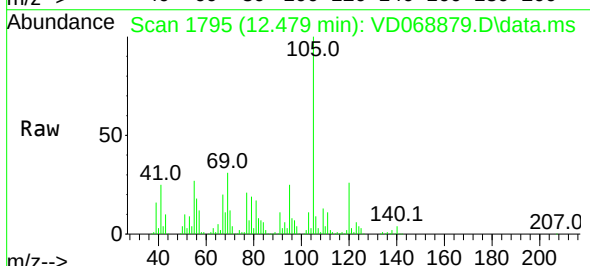
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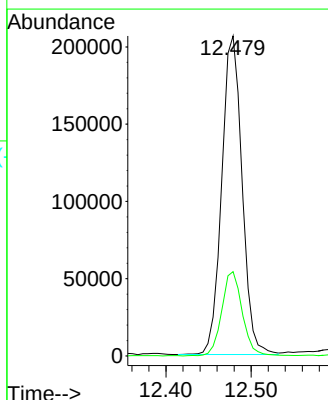
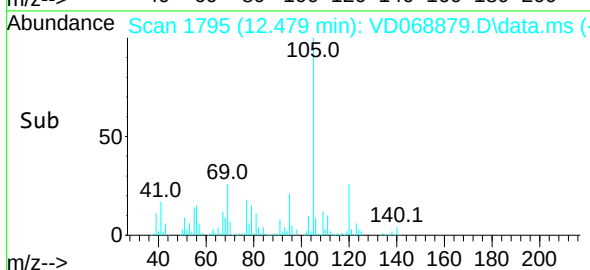
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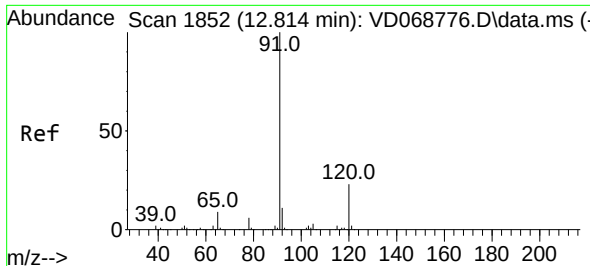


#73
Isopropylbenzene
Concen: 16.20 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50



Tgt Ion:105 Resp: 343079
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2





#78
n-propylbenzene
Concen: 31.35 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

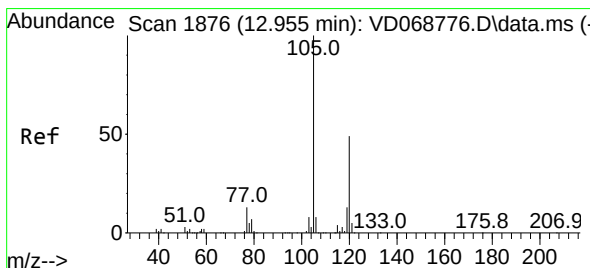
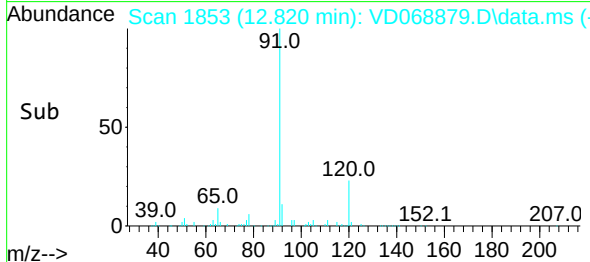
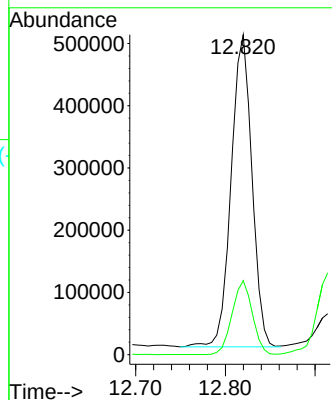
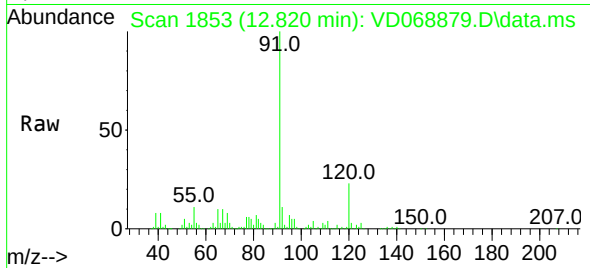
Tgt Ion: 91 Resp: 806445
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2

Instrument :
MSVOA_D
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FS-SB12A(55-56)RE

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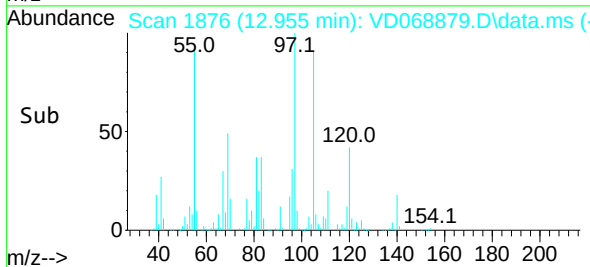
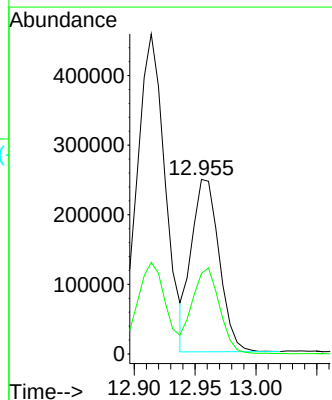
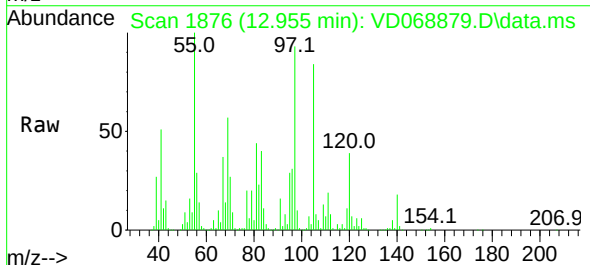
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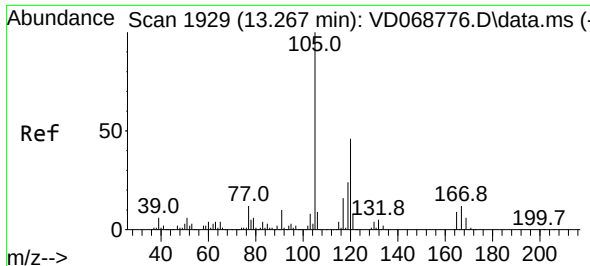
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#80
1,3,5-Trimethylbenzene
Concen: 22.25 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

Tgt Ion:105 Resp: 393912
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 321.73 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

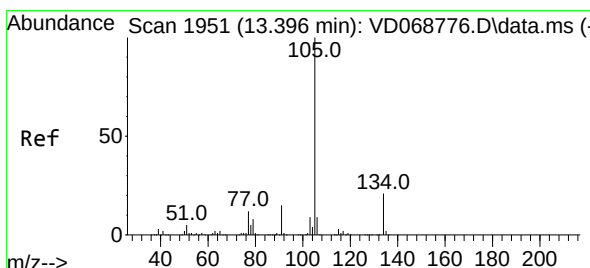
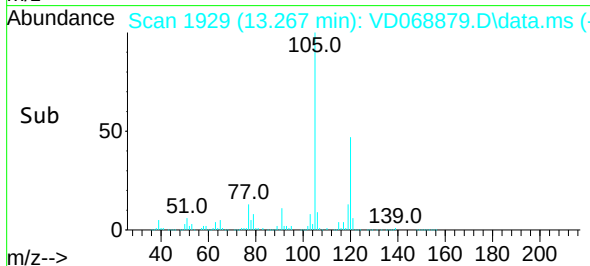
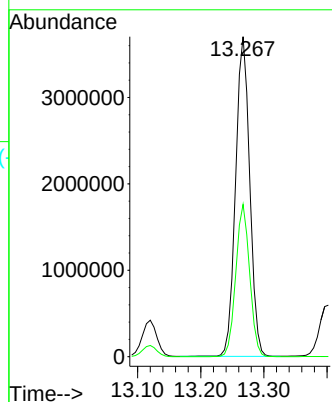
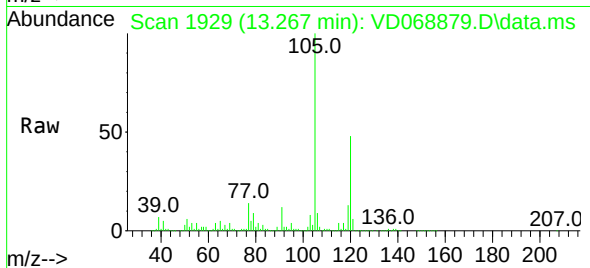
Tgt Ion:105 Resp: 5753769
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.7

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)RE

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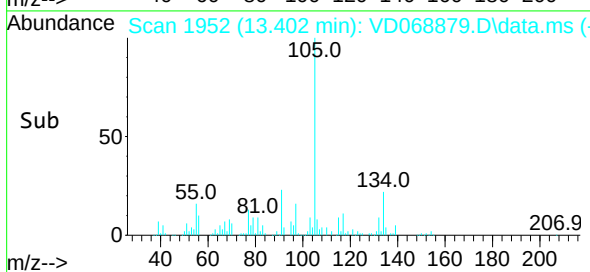
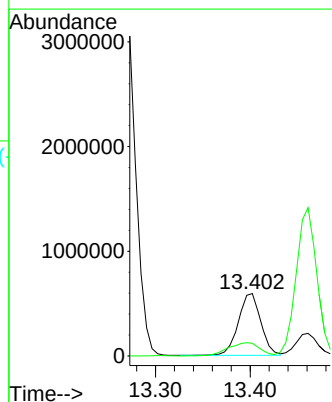
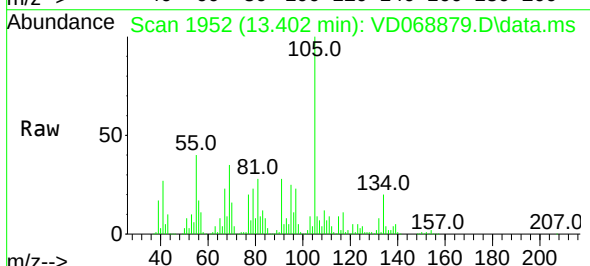
MMDadoda
4/19/2021 1:27:48 PM

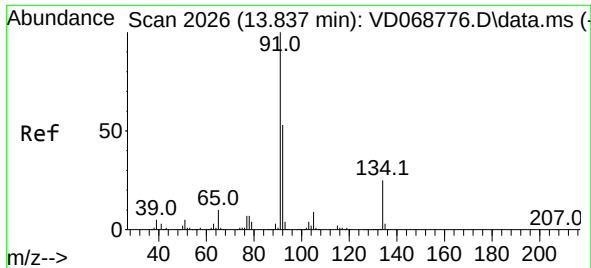
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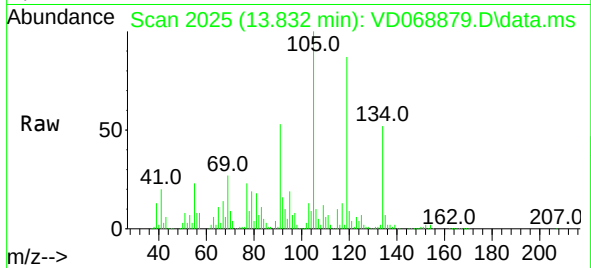
#85
sec-Butylbenzene
Concen: 45.87 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VD068879.D
Acq: 16 Apr 2021 16:50

Tgt Ion:105 Resp: 972547
Ion Ratio Lower Upper
105 100
134 30.2 10.0 29.8#

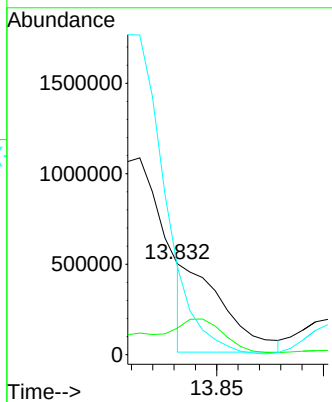
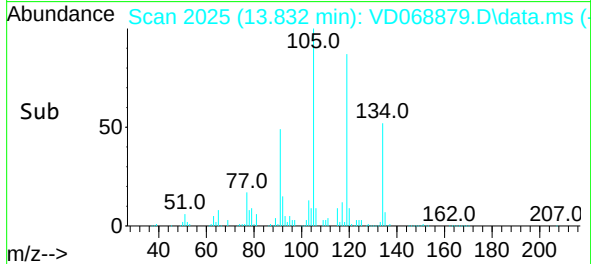




#89
 n-Butylbenzene
 Concen: 34.70 ug/l m
 RT: 13.832 min Scan# 2025
 Delta R.T. -0.005 min
 Lab File: VD068879.D
 Acq: 16 Apr 2021 16:50



Tgt Ion: 91 Resp: 632864
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.7 80.1#
 134 521.4 12.9 38.6#



Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(55-56)RE

Manual Integrations
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