

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068856.D
 Acq On : 15 Apr 2021 15:15
 Operator : VA/SY
 Sample : M2042-05
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:06:45 PM

Quant Time: Apr 16 03:54:34 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	198311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	354581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	419190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	297740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	97561	46.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.10%		
35) Dibromofluoromethane	7.914	113	113397	49.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.34%		
50) Toluene-d8	10.338	98	483055	55.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	111.04%		
62) 4-Bromofluorobenzene	12.632	95	253646	87.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	175.56%#		
Target Compounds					Qvalue	
16) Acetone	4.167	43	3114	10.73	ug/l	94
17) Carbon Disulfide	4.403	76	18302	2.85	ug/l #	83
39) Methylcyclohexane	9.355	83	42935	10.26	ug/l	99
73) Isopropylbenzene	12.479	105	375451	17.27	ug/l	100
78) n-propylbenzene	12.820	91	783559	29.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	424629	23.36	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	6881519	374.88	ug/l	97
85) sec-Butylbenzene	13.396	105	957190	43.98	ug/l #	77
89) n-Butylbenzene	13.832	91	510292m	27.26	ug/l	

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

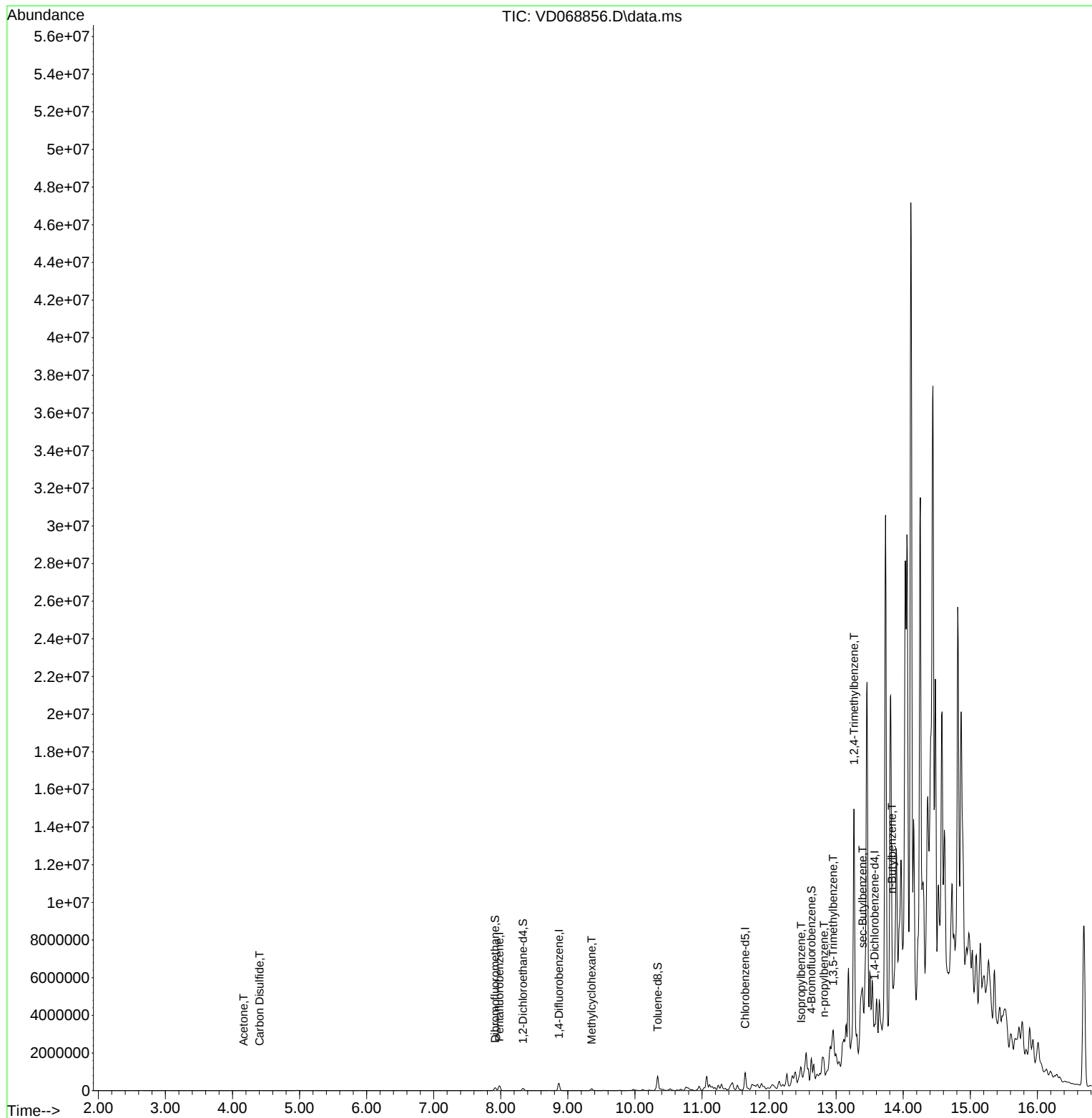
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068856.D
Acq On : 15 Apr 2021 15:15
Operator : VA/SY
Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

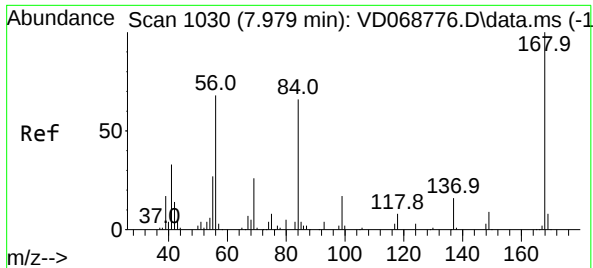
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

Quant Time: Apr 16 03:54:34 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

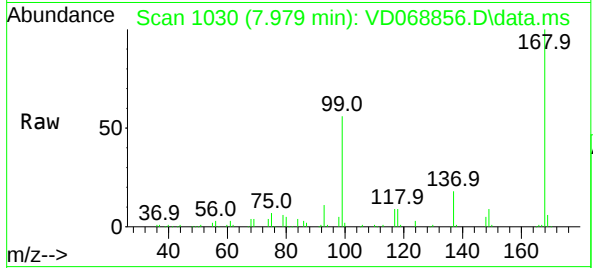
Manual Integrations
APPROVED

MMDadoda
4/16/2021 1:06:45 PM

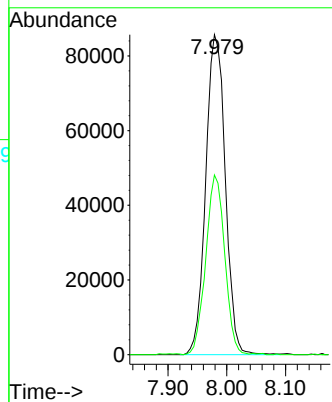
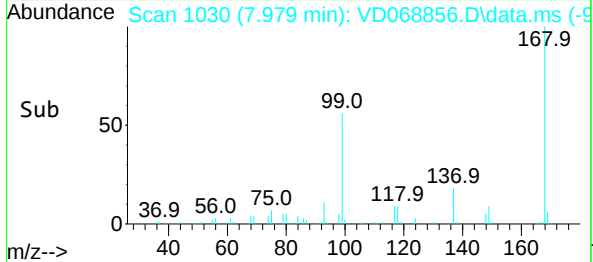




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



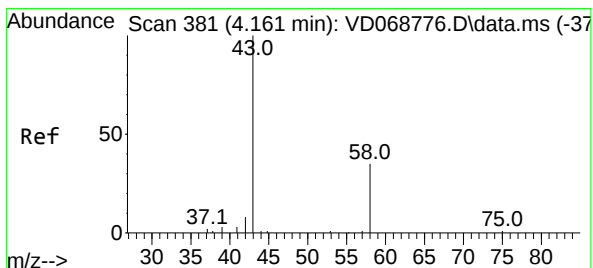
Tgt Ion:168 Resp: 198311
Ion Ratio Lower Upper
168 100
99 56.1 46.2 69.2



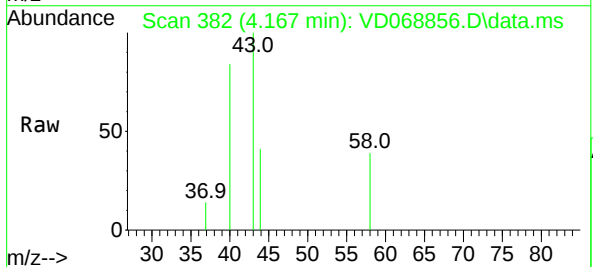
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

Manual Integrations
APPROVED

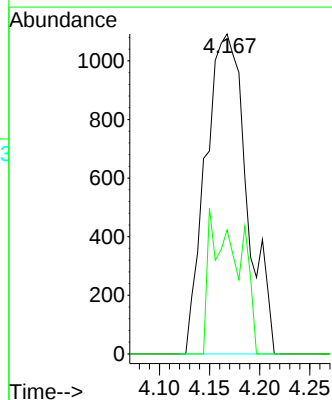
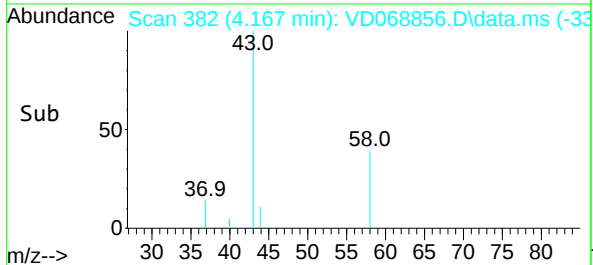
MMDadoda
4/16/2021 1:06:45 PM

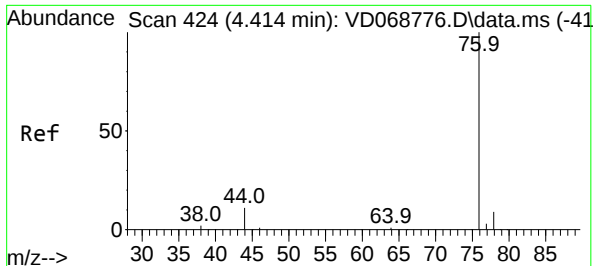


#16
Acetone
Concen: 10.73 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



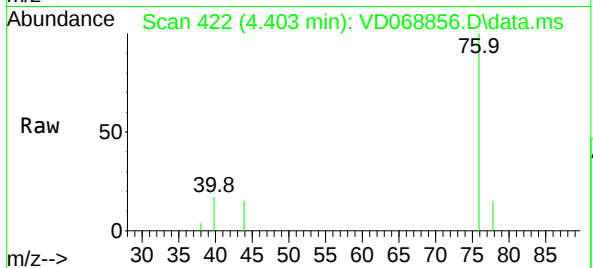
Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
58 38.7 28.0 42.0





#17
Carbon Disulfide
Concen: 2.85 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

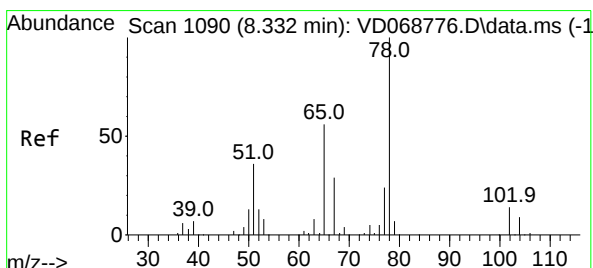
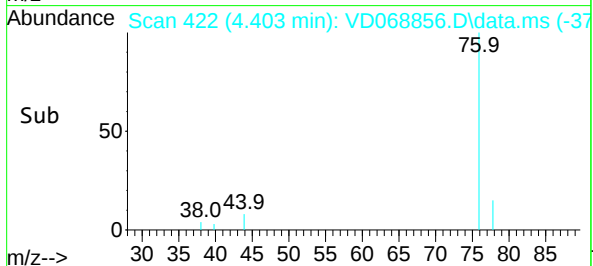
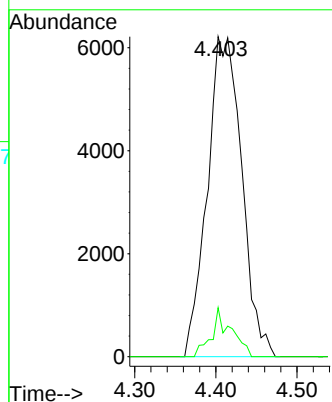
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)



Tgt Ion: 76 Resp: 18302
Ion Ratio Lower Upper
76 100
78 15.3 7.3 10.9#

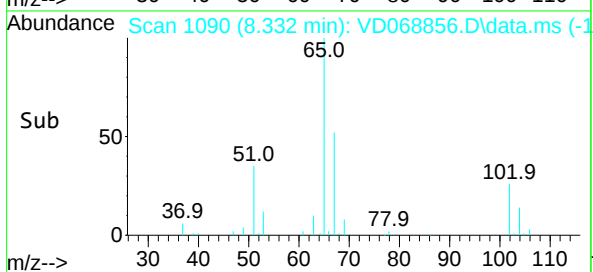
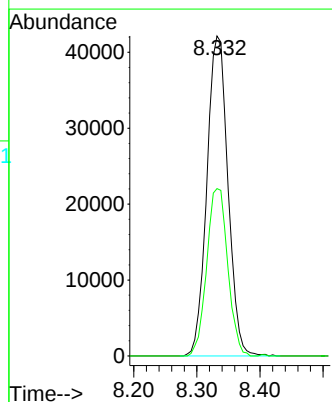
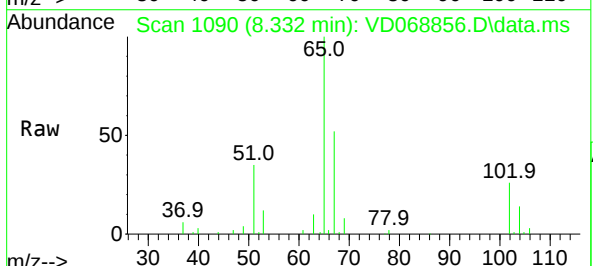
Manual Integrations
APPROVED

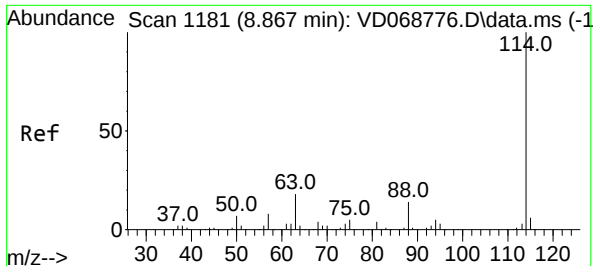
MMDadoda
4/16/2021 1:06:45 PM



#33
1,2-Dichloroethane-d4
Concen: 46.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

Tgt Ion: 65 Resp: 97561
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





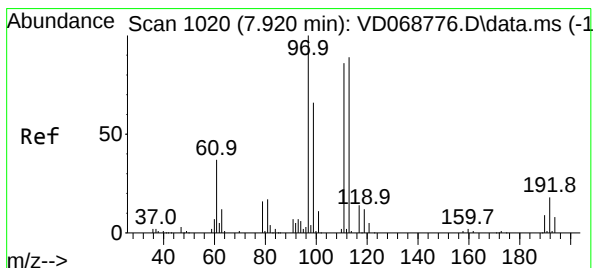
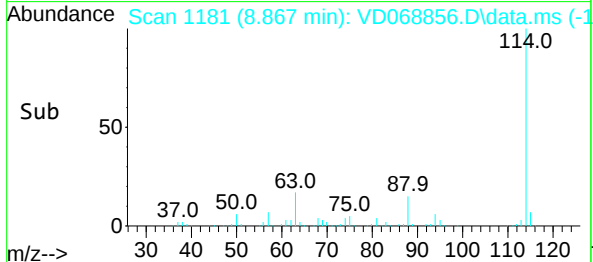
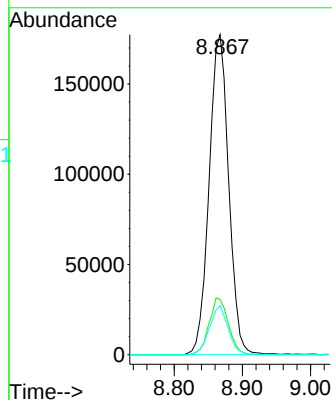
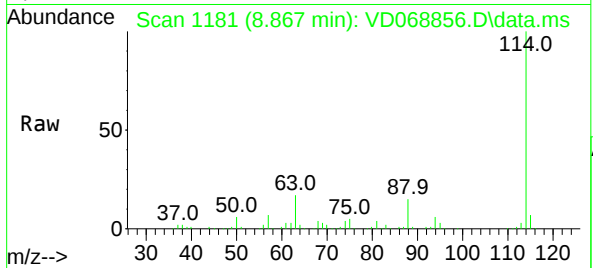
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

Tgt Ion:114 Resp: 354581
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 15.4 0.0 29.4

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

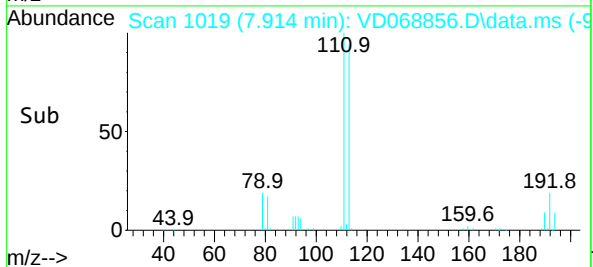
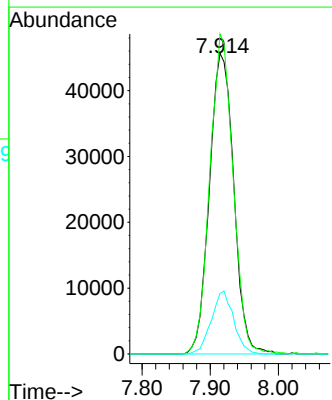
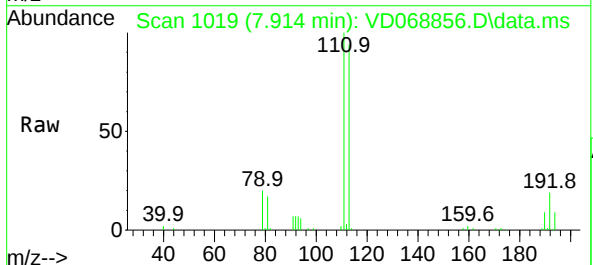
Manual Integrations
APPROVED

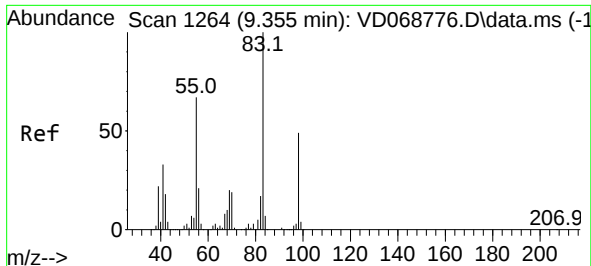
MMDadoda
4/16/2021 1:06:45 PM



#35
Dibromofluoromethane
Concen: 49.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

Tgt Ion:113 Resp: 113397
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 19.2 15.1 22.7





#39

Methylcyclohexane

Concen: 10.26 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068856.D

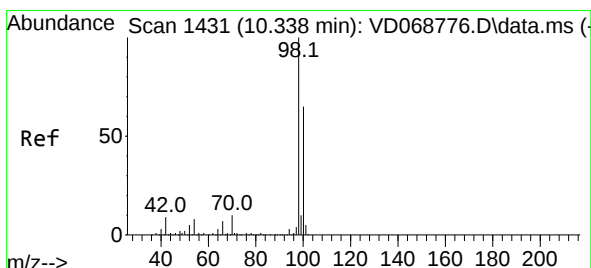
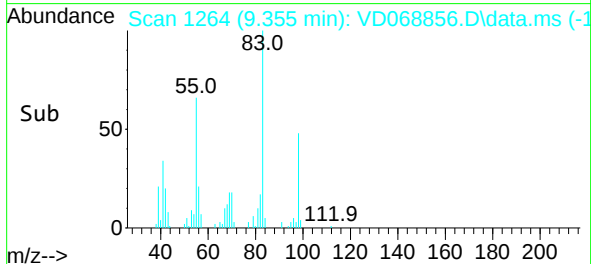
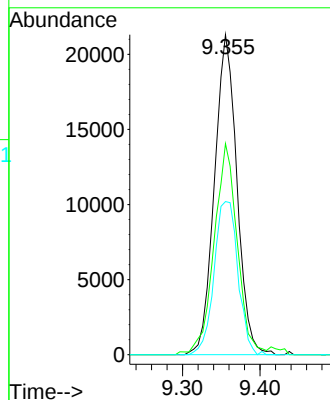
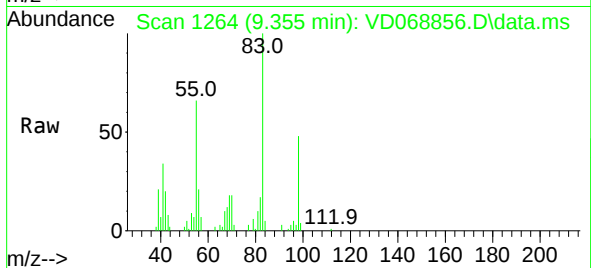
Acq: 15 Apr 2021 15:15

Tgt Ion:	83	Resp:	42935
Ion	Ratio	Lower	Upper
83	100		
55	65.1	51.7	77.5
98	47.8	38.8	58.2

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

Manual Integrations
APPROVED

MMDadoda
4/16/2021 1:06:45 PM



#50

Toluene-d8

Concen: 55.52 ug/l

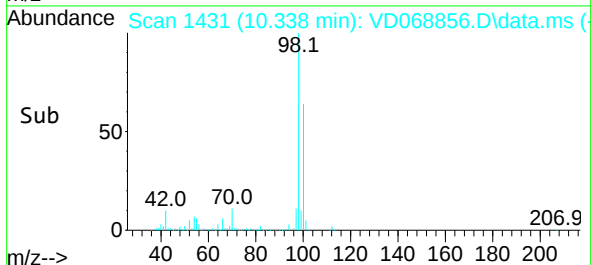
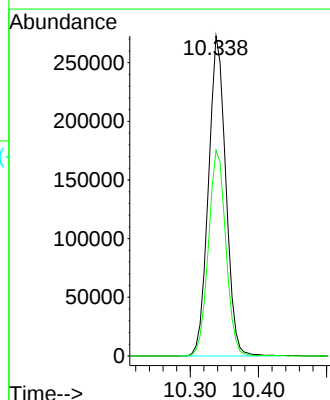
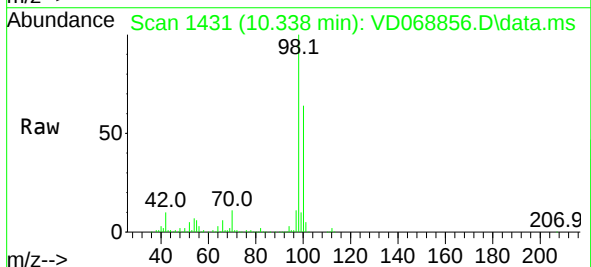
RT: 10.338 min Scan# 1431

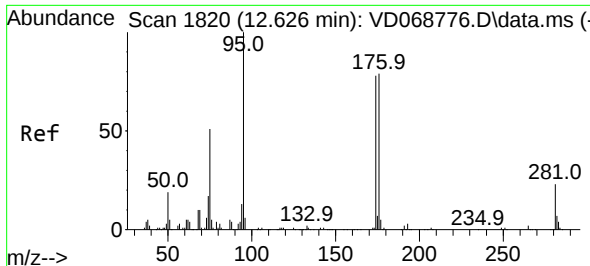
Delta R.T. -0.000 min

Lab File: VD068856.D

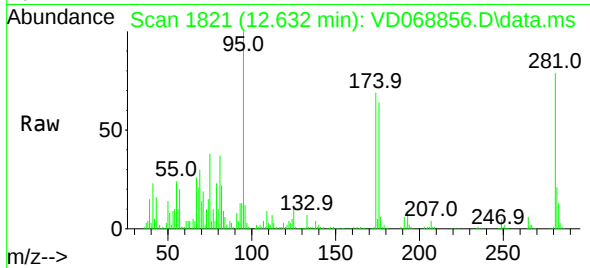
Acq: 15 Apr 2021 15:15

Tgt Ion:	98	Resp:	483055
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6

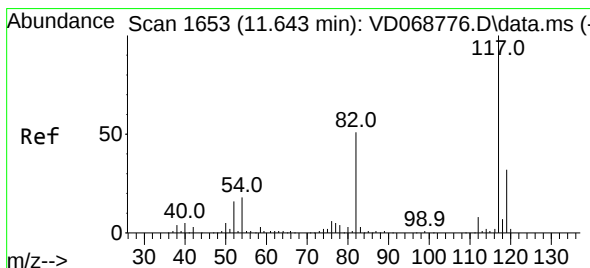
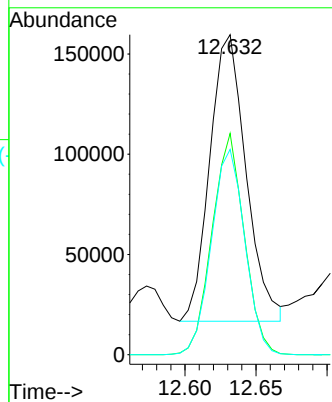
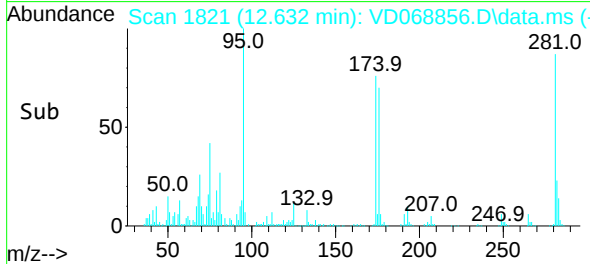




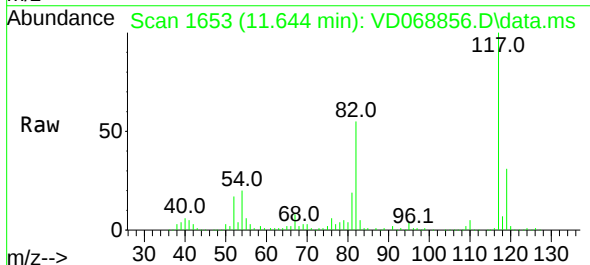
#62
4-Bromofluorobenzene
Concen: 87.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



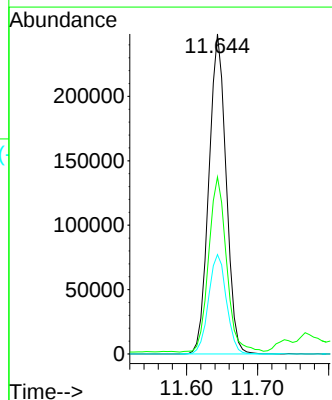
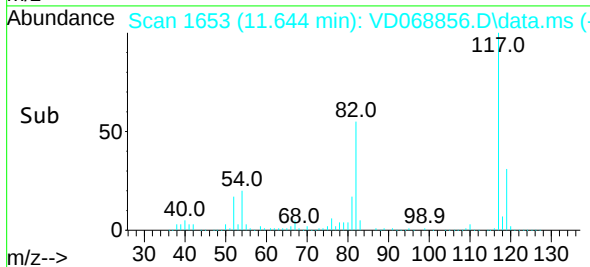
Tgt Ion: 95 Resp: 253646
Ion Ratio Lower Upper
95 100
174 68.4 0.0 168.0
176 66.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



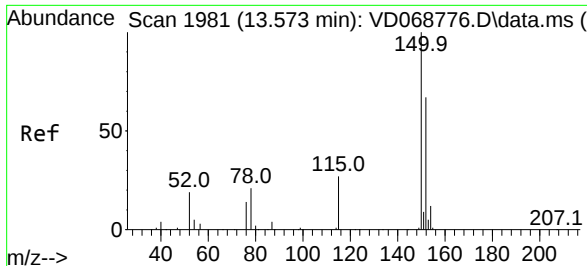
Tgt Ion: 117 Resp: 419190
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 31.1 26.7 40.1



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

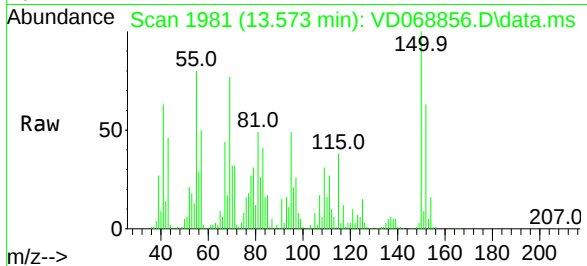
Manual Integrations
APPROVED

MMDadoda
4/16/2021 1:06:45 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

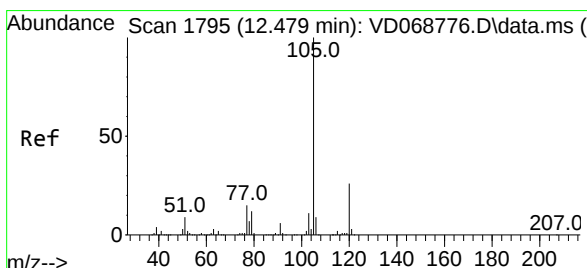
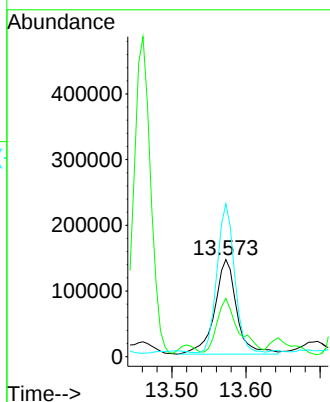
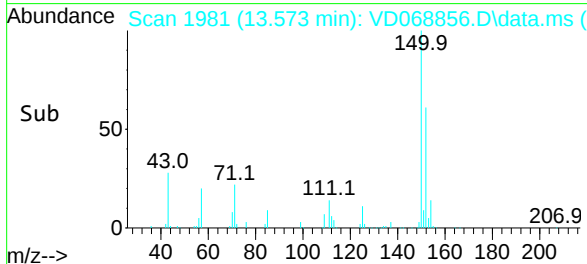
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)



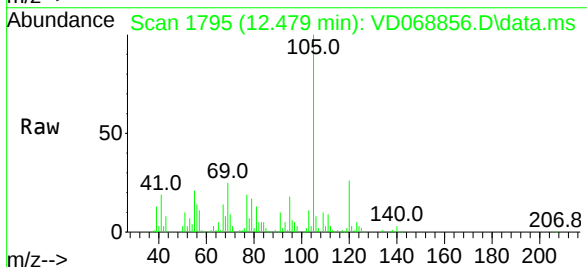
Tgt Ion:152 Resp: 297740
Ion Ratio Lower Upper
152 100
115 52.8 29.3 87.8
150 124.4 0.0 347.6

Manual Integrations
APPROVED

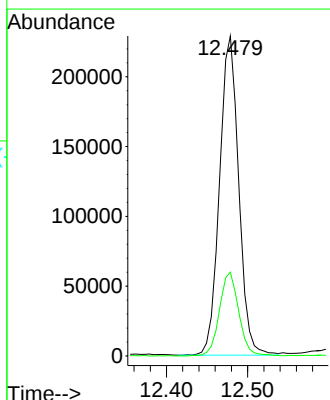
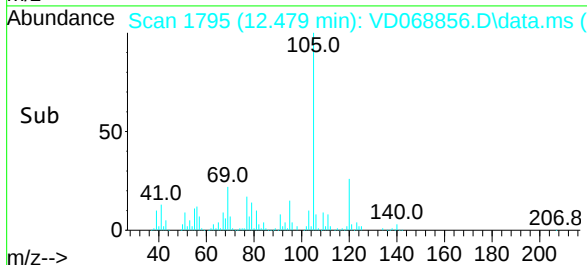
MMDadoda
4/16/2021 1:06:45 PM

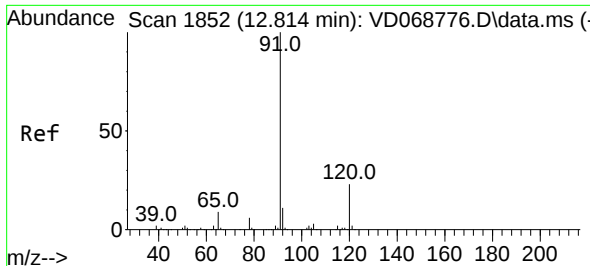


#73
Isopropylbenzene
Concen: 17.27 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

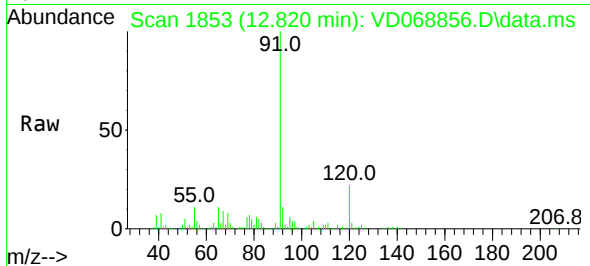


Tgt Ion:105 Resp: 375451
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

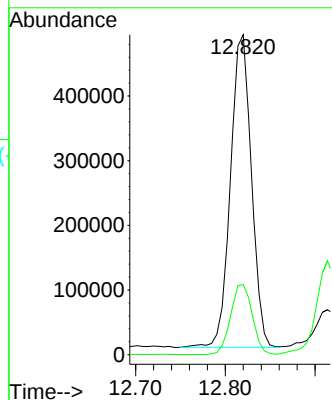




#78
n-propylbenzene
Concen: 29.67 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



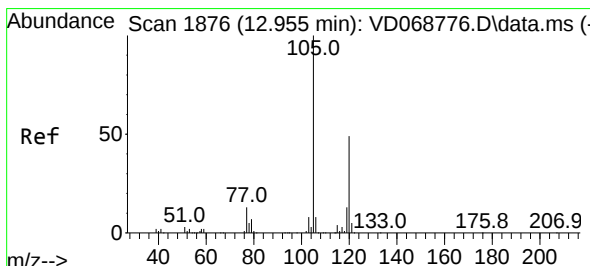
Tgt Ion: 91 Resp: 783559
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2



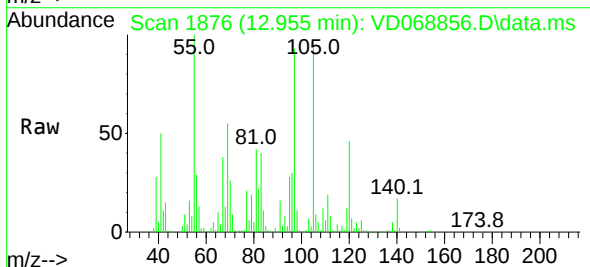
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

Manual Integrations
APPROVED

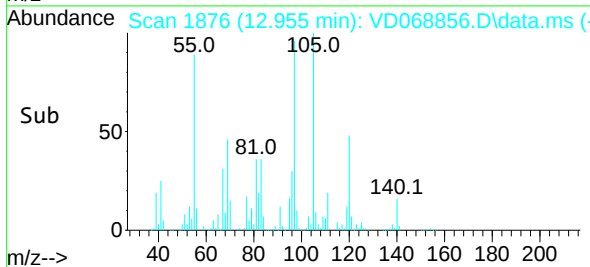
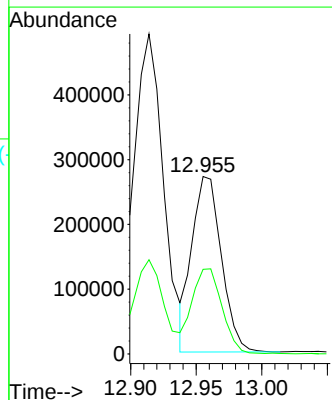
MMDadoda
4/16/2021 1:06:45 PM

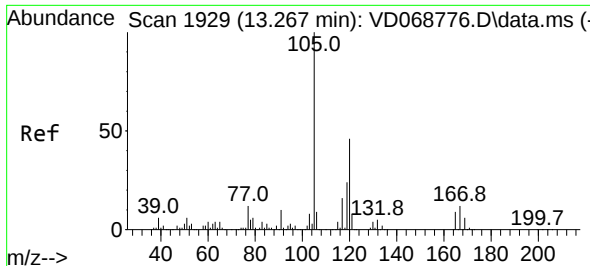


#80
1,3,5-Trimethylbenzene
Concen: 23.36 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15



Tgt Ion: 105 Resp: 424629
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7





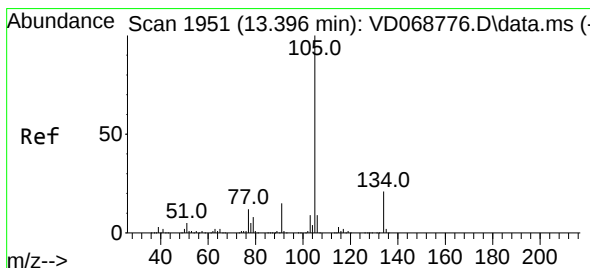
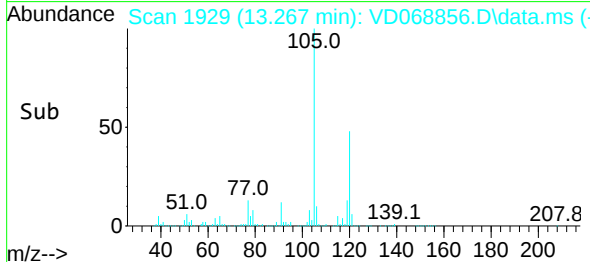
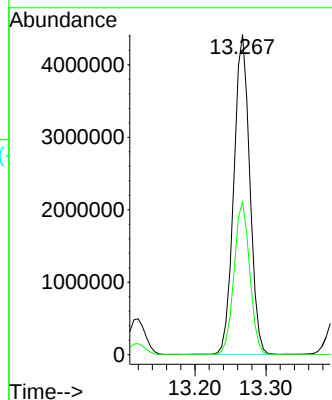
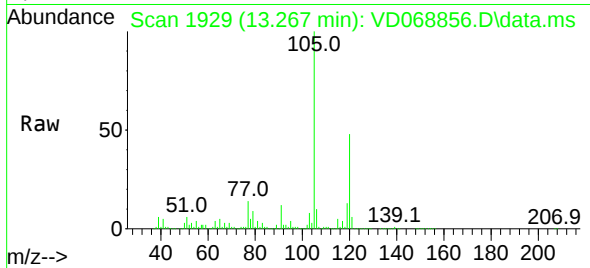
#84
1,2,4-Trimethylbenzene
Concen: 374.88 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

Tgt Ion:105 Resp: 6881519
Ion Ratio Lower Upper
105 100
120 47.1 22.6 67.7

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

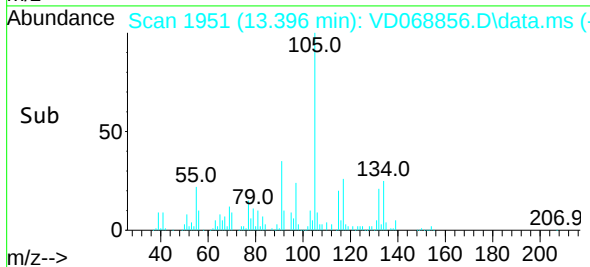
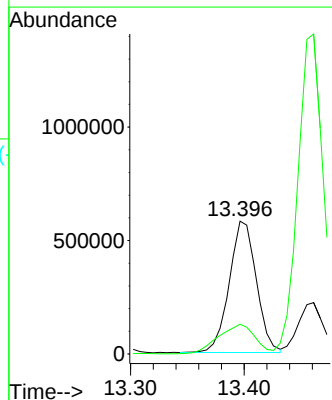
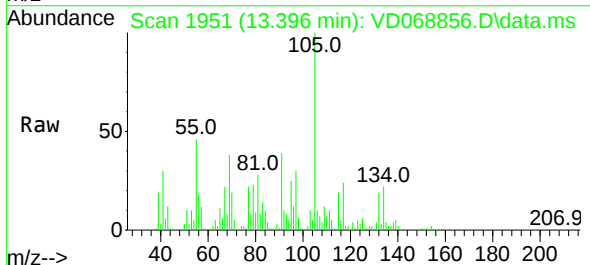
Manual Integrations
APPROVED

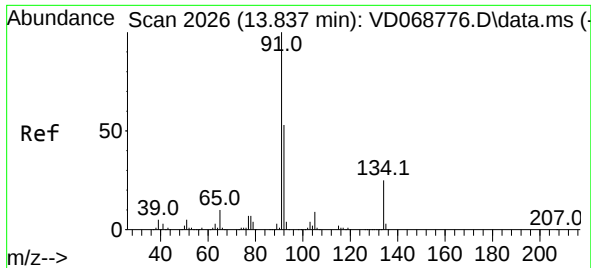
MMDadoda
4/16/2021 1:06:45 PM



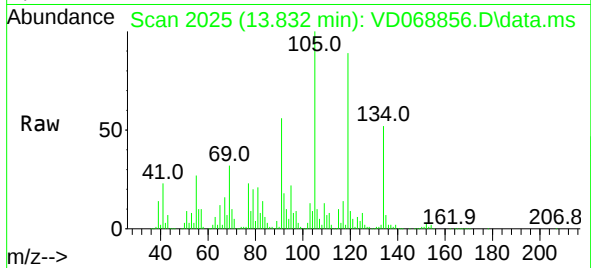
#85
sec-Butylbenzene
Concen: 43.98 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068856.D
Acq: 15 Apr 2021 15:15

Tgt Ion:105 Resp: 957190
Ion Ratio Lower Upper
105 100
134 30.5 10.0 29.8#

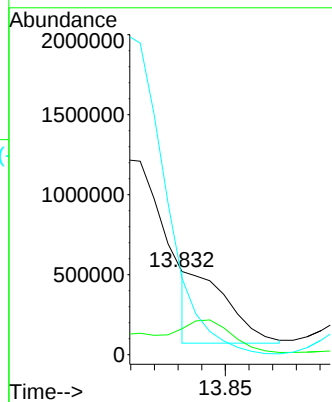
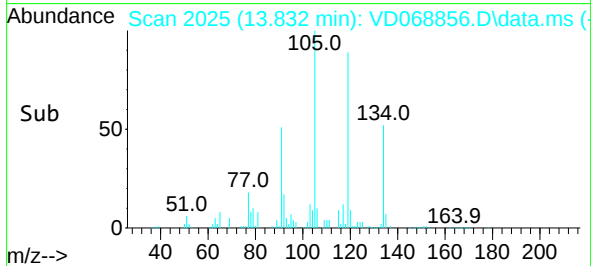




#89
 n-Butylbenzene
 Concen: 27.26 ug/l m
 RT: 13.832 min Scan# 2025
 Delta R.T. -0.005 min
 Lab File: VD068856.D
 Acq: 15 Apr 2021 15:15



Tgt Ion: 91 Resp: 510292
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.7 80.1#
 134 716.5 12.9 38.6#



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

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:06:45 PM