

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068797.D
 Acq On : 08 Apr 2021 18:55
 Operator : VA/SY
 Sample : M1979-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Manual Integrations
 APPROVED

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 4/9/2021 7:55:17 PM

Quant Time: Apr 09 01:04:46 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	7.985	168	441424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	780433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	836066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	415643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191588	41.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.14%		
35) Dibromofluoromethane	7.920	113	234394	46.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.34%		
50) Toluene-d8	10.344	98	1034686	54.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.06%		
62) 4-Bromofluorobenzene	12.626	95	443158	69.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	139.36%		
Target Compounds					Qvalue	
16) Acetone	4.156	43	18795	29.09	ug/l #	79
25) 2-Butanone	7.203	43	13989	15.30	ug/l #	51
39) Methylcyclohexane	9.355	83	329784m	35.80	ug/l	
68) m/p-Xylenes	11.849	106	42025	3.48	ug/l	96
73) Isopropylbenzene	12.479	105	225063	7.42	ug/l	100
78) n-propylbenzene	12.820	91	1270135	34.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	27159	1.06	ug/l	98
85) sec-Butylbenzene	13.396	105	553978	18.24	ug/l #	47
89) n-Butylbenzene	13.838	91	916301	35.06	ug/l #	80

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

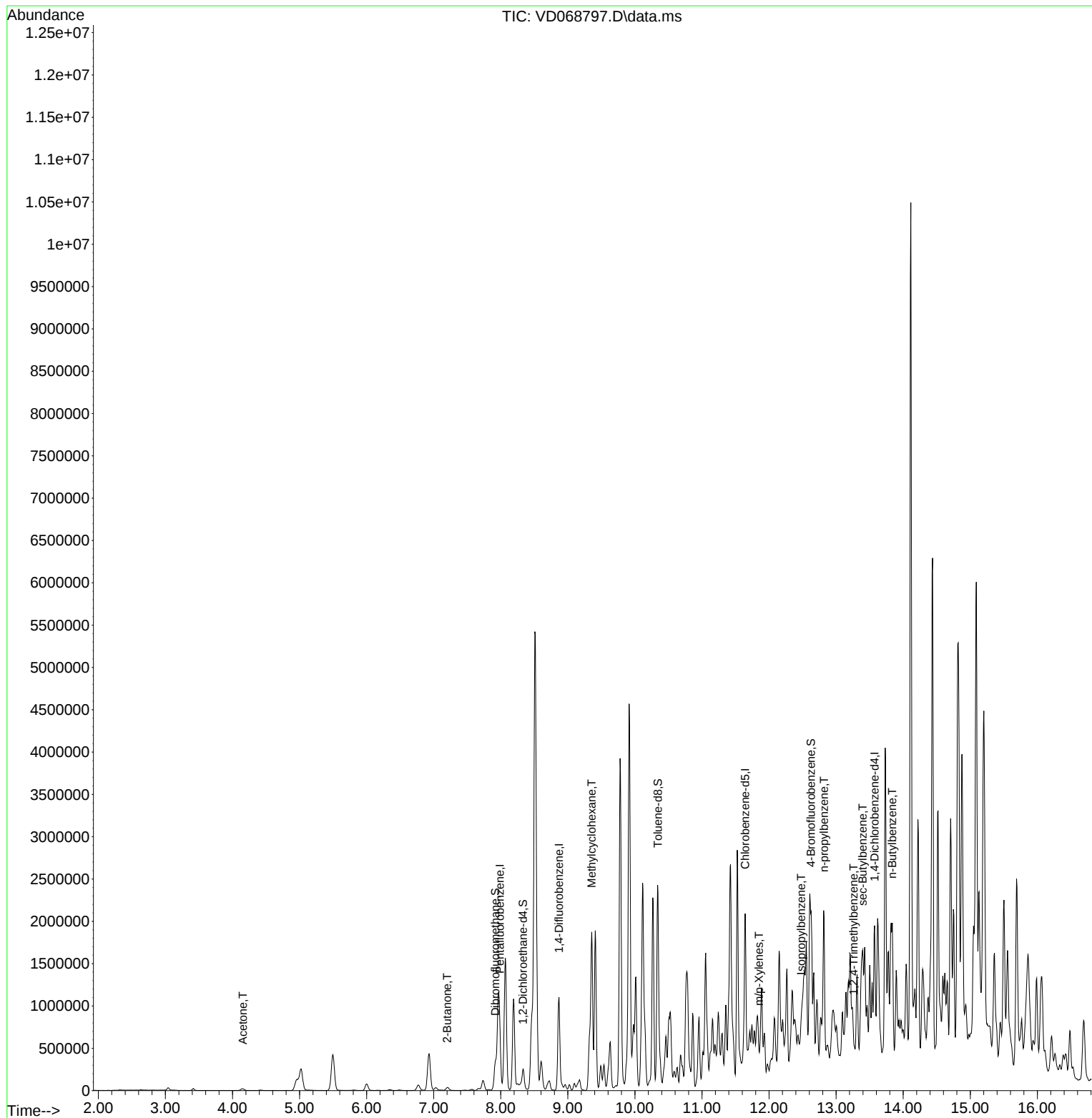
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068797.D
Acq On : 08 Apr 2021 18:55
Operator : VA/SY
Sample : M1979-01
Misc : 5.13G/5.00ml/MSVOA_D/SOIL
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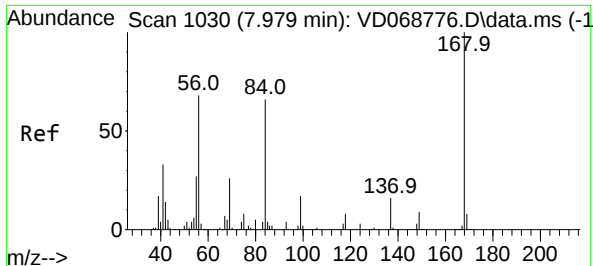
Instrument :
MSVOA_D
ClientSampleId :
S-1

Manual Integrations
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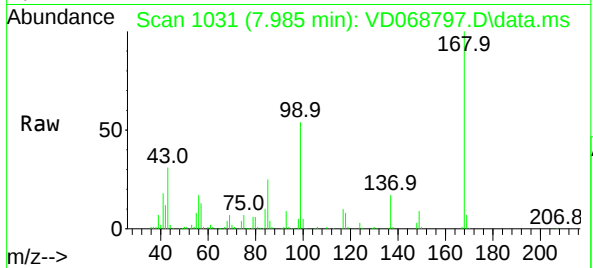
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4/9/2021 7:55:17 PM

Quant Time: Apr 09 01:04:46 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

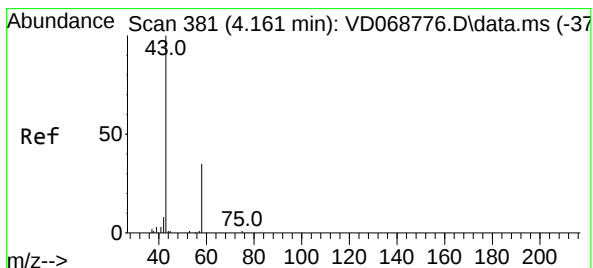
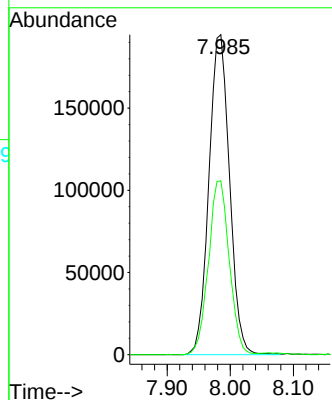
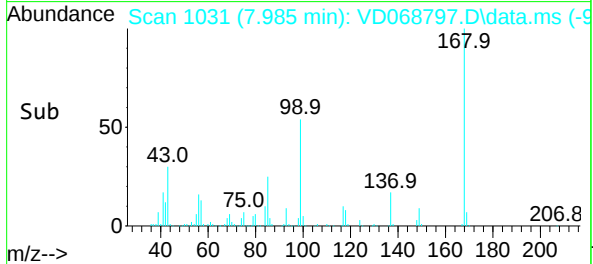




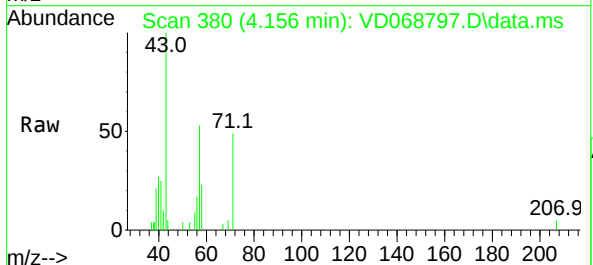
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



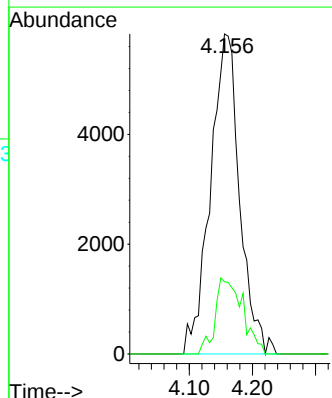
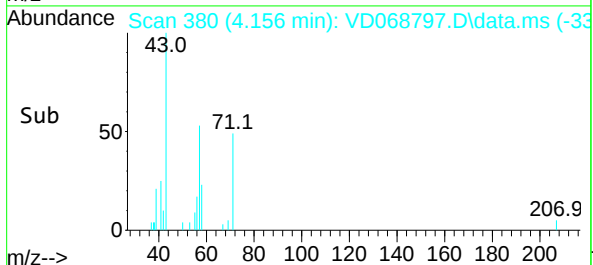
Tgt Ion:168 Resp: 441424
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#16
Acetone
Concen: 29.09 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



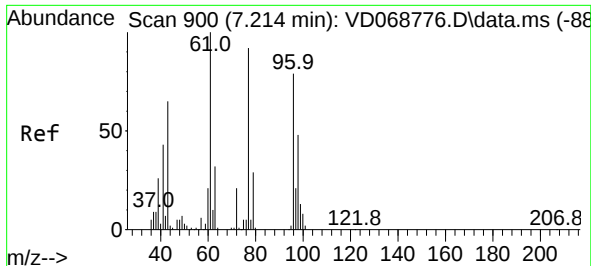
Tgt Ion: 43 Resp: 18795
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#



Instrument :
MSVOA_D
ClientSampled :
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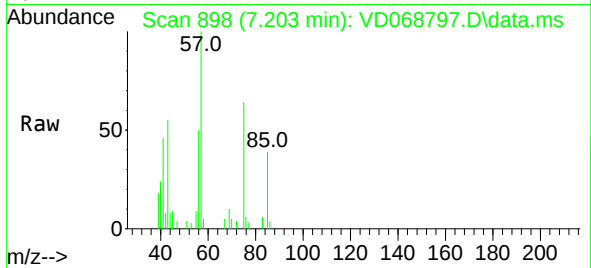
Manual Integrations
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#25
2-Butanone
Concen: 15.30 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

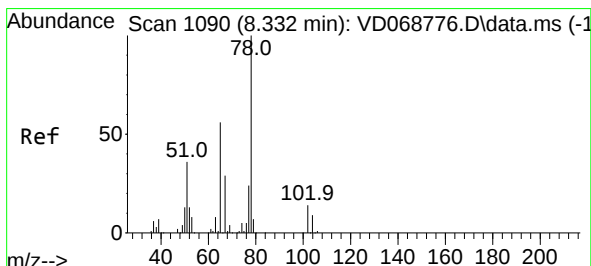
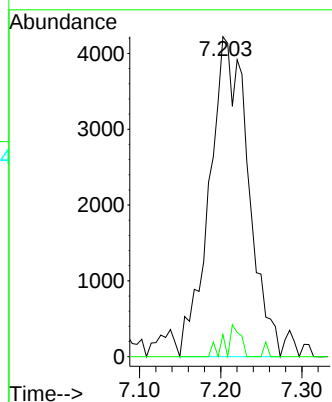
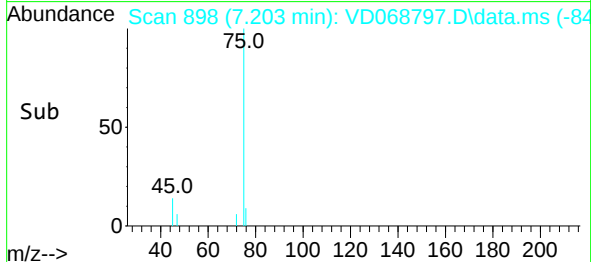
Instrument :
MSVOA_D
ClientSampled :
S-1



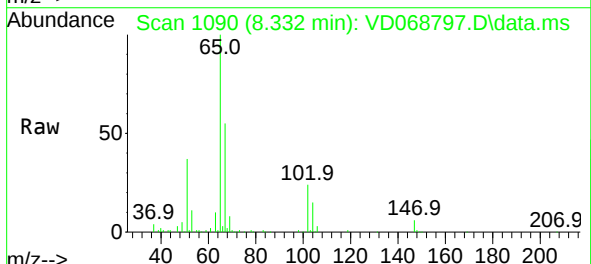
Tgt Ion: 43 Resp: 13989
Ion Ratio Lower Upper
43 100
72 6.9 28.6 43.0#

Manual Integrations
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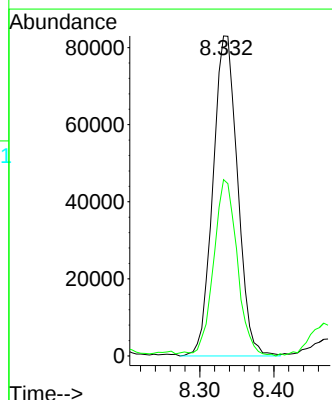
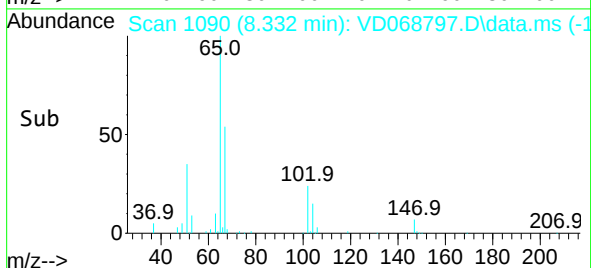
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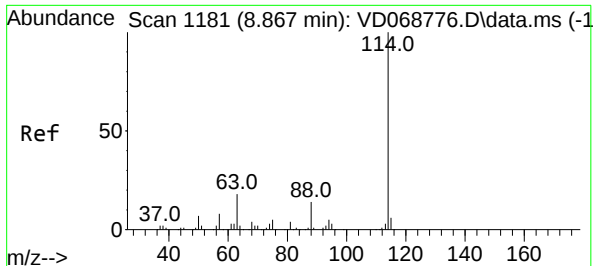


#33
1,2-Dichloroethane-d4
Concen: 41.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



Tgt Ion: 65 Resp: 191588
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.0





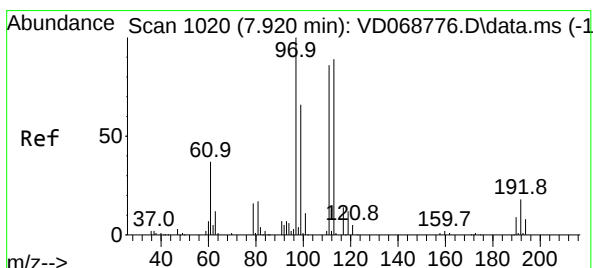
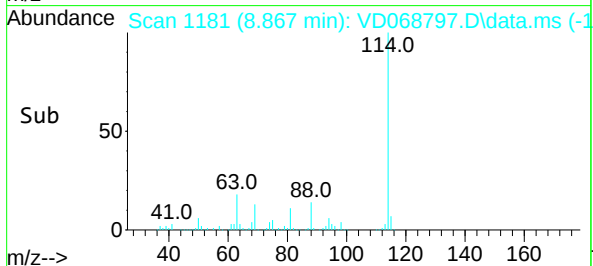
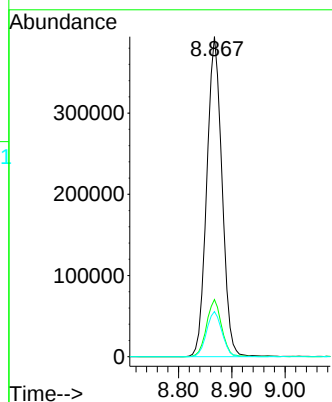
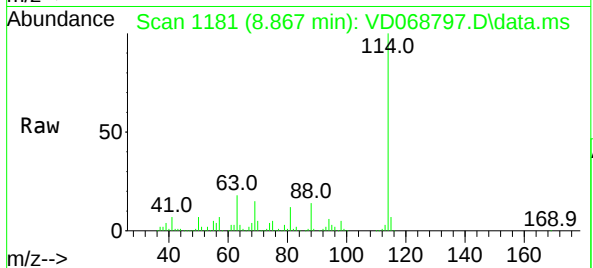
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion:114 Resp: 780433
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.1 0.0 29.4

Instrument :
MSVOA_D
ClientSampled :
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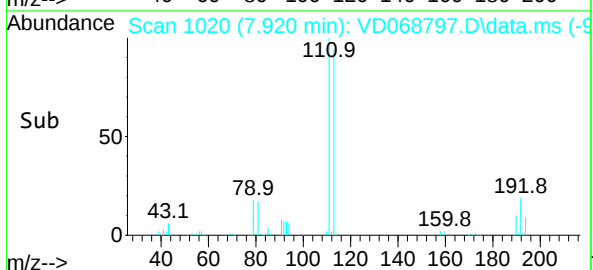
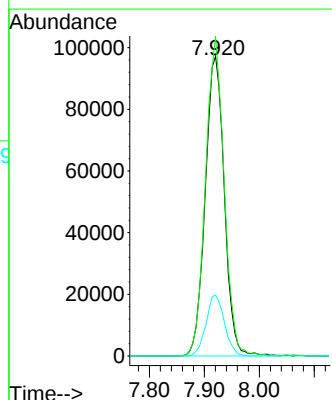
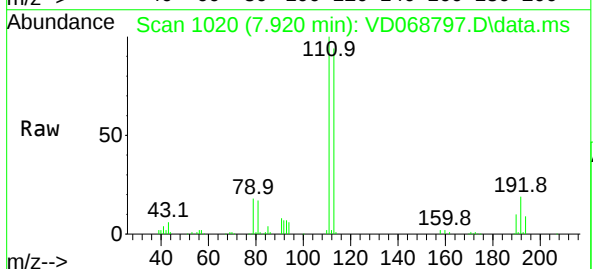
Manual Integrations
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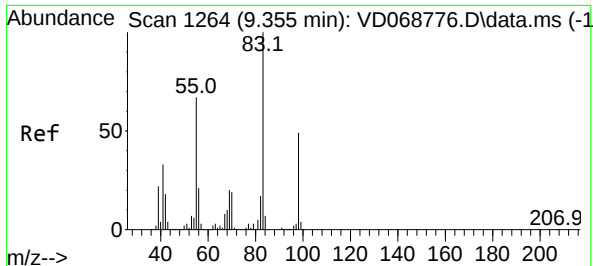
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#35
Dibromofluoromethane
Concen: 46.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion:113 Resp: 234394
Ion Ratio Lower Upper
113 100
111 104.2 82.5 123.7
192 19.6 15.1 22.7





#39

Methylcyclohexane

Concen: 35.80 ug/l m

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068797.D

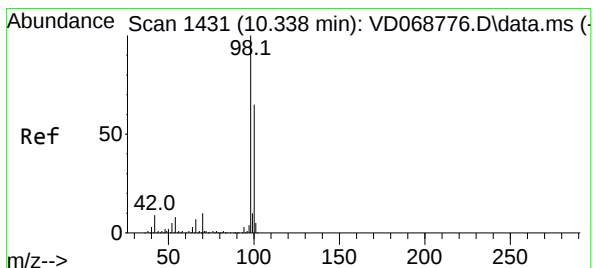
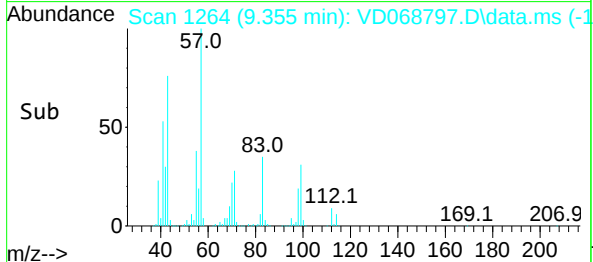
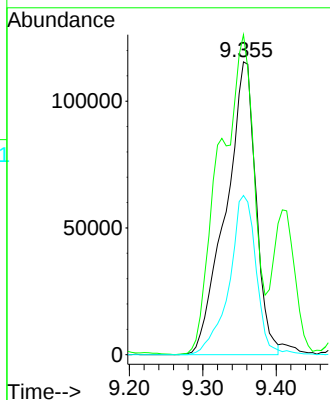
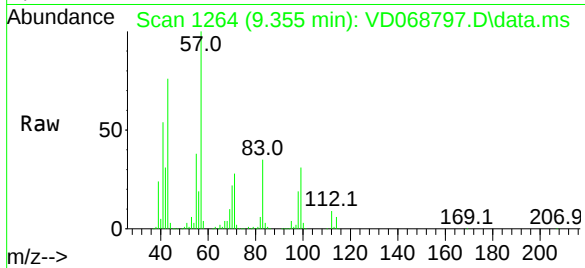
Acq: 08 Apr 2021 18:55

Tgt Ion:	83	Resp:	329784
Ion	Ratio	Lower	Upper
83	100		
55	109.3	51.7	77.5#
98	54.4	38.8	58.2

Instrument :
MSVOA_D
ClientSampled :
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Manual Integrations
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#50

Toluene-d8

Concen: 54.03 ug/l

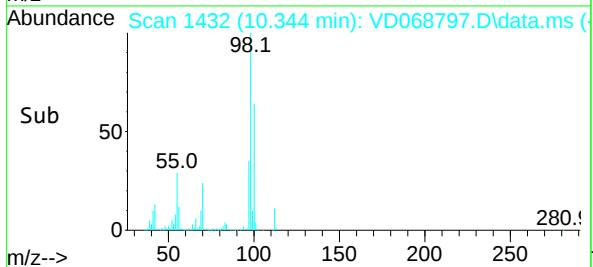
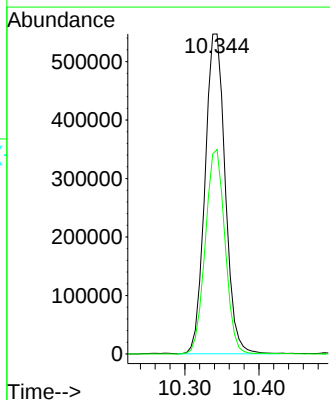
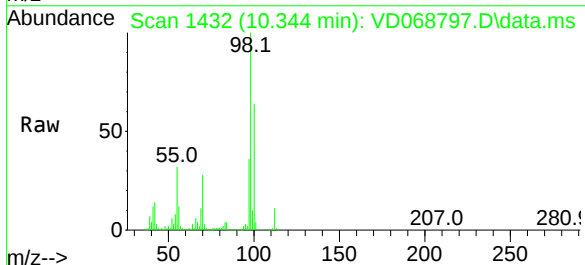
RT: 10.344 min Scan# 1432

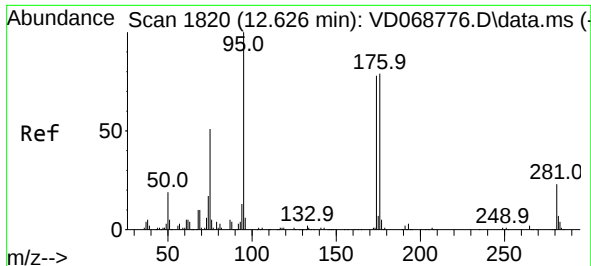
Delta R.T. 0.006 min

Lab File: VD068797.D

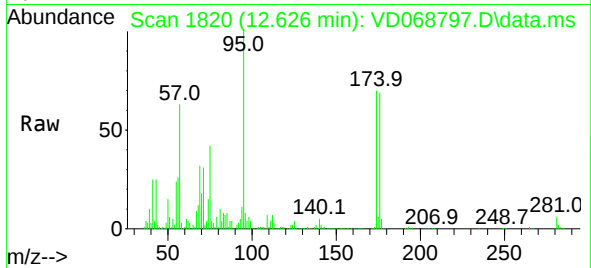
Acq: 08 Apr 2021 18:55

Tgt Ion:	98	Resp:	1034686
Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.8	77.6

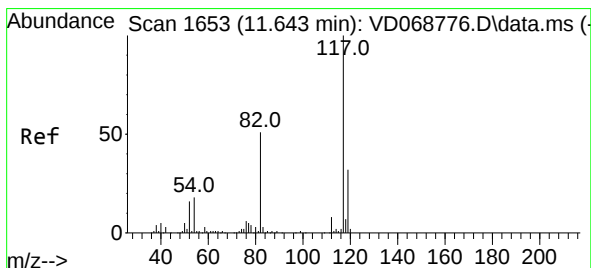
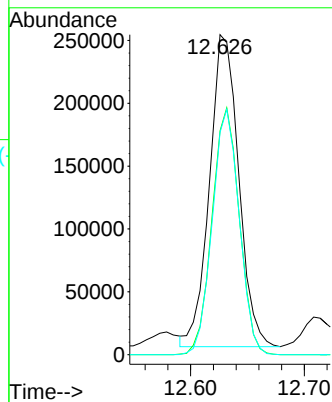
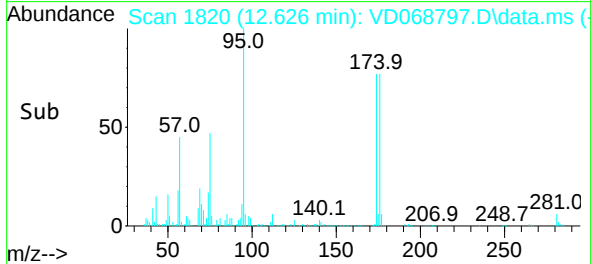




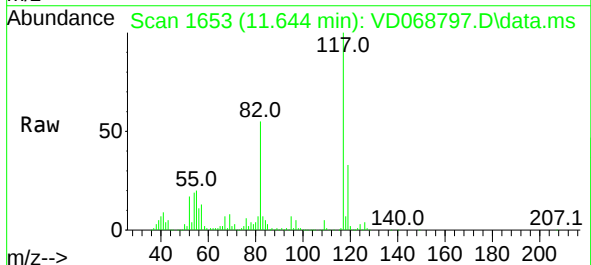
#62
4-Bromofluorobenzene
Concen: 69.68 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



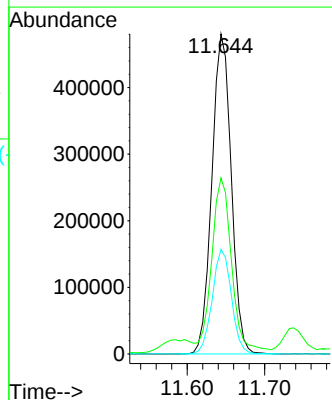
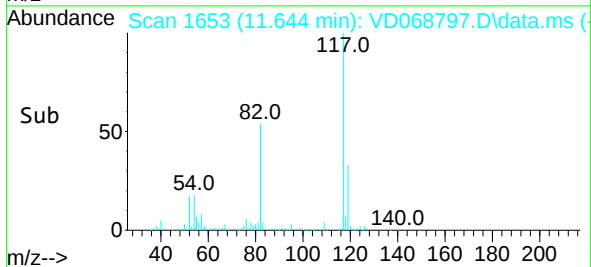
Tgt Ion: 95 Resp: 443158
Ion Ratio Lower Upper
95 100
174 73.8 0.0 168.0
176 72.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



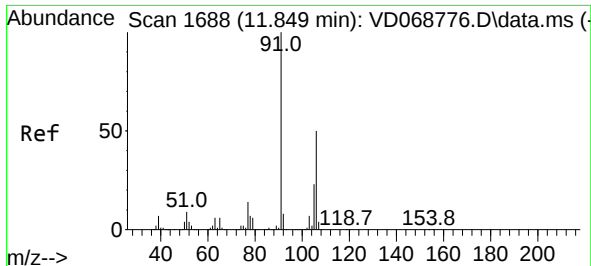
Tgt Ion: 117 Resp: 836066
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.7 26.7 40.1



Instrument :
MSVOA_D
ClientSampled :
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Manual Integrations
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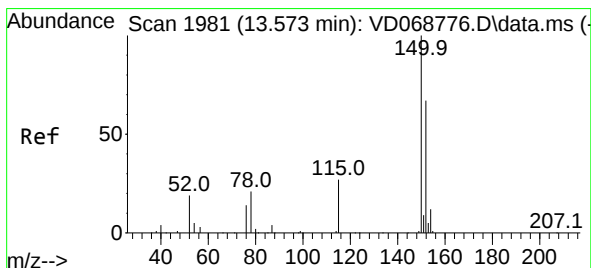
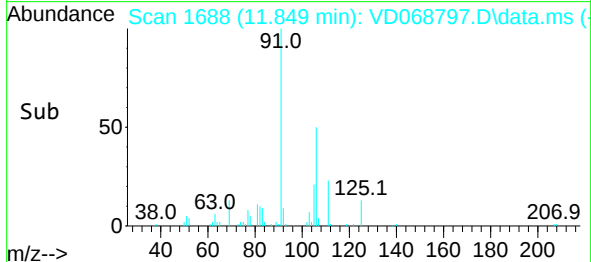
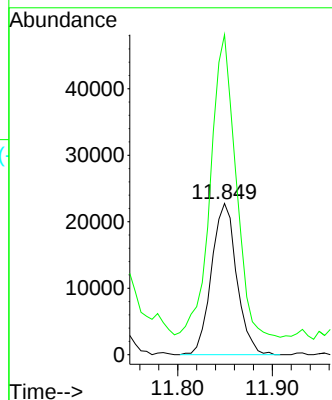
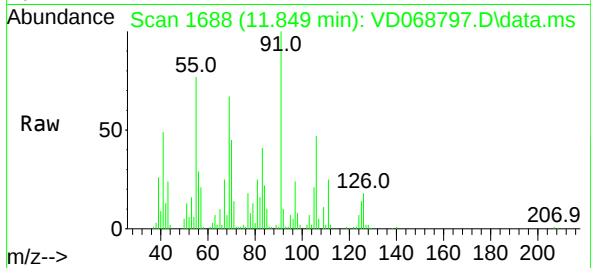
#68
m/p-Xylenes
Concen: 3.48 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

Tgt Ion:106 Resp: 42025
Ion Ratio Lower Upper
106 100
91 203.6 158.6 238.0

Instrument :
MSVOA_D
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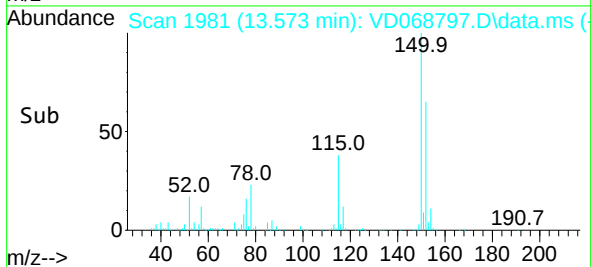
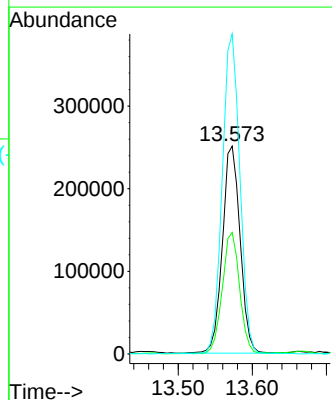
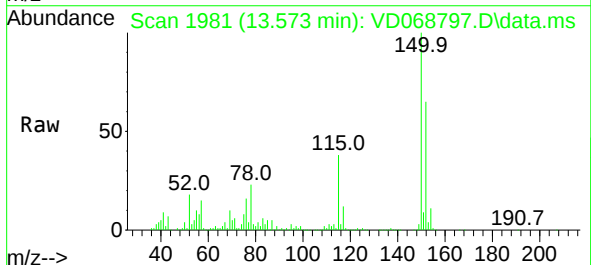
Manual Integrations
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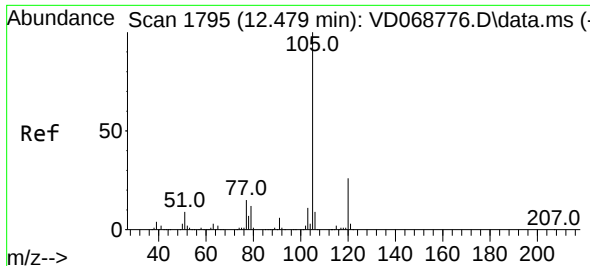
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

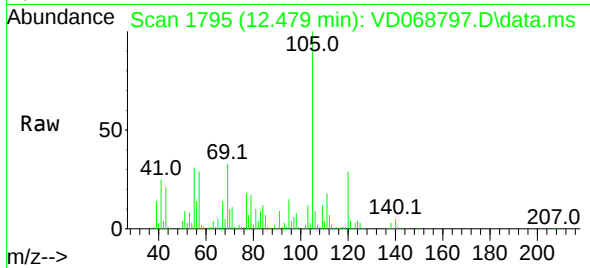
Tgt Ion:152 Resp: 415643
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 152.9 0.0 347.6





#73
Isopropylbenzene
Concen: 7.42 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55

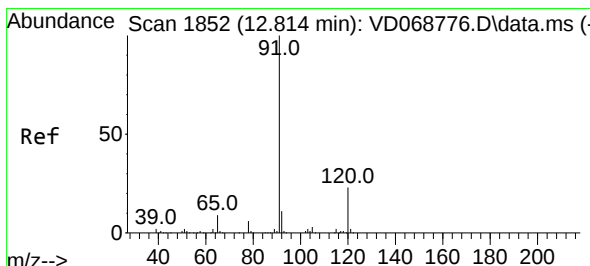
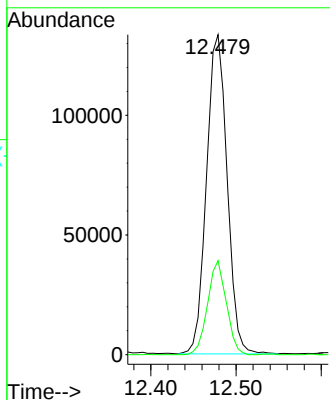
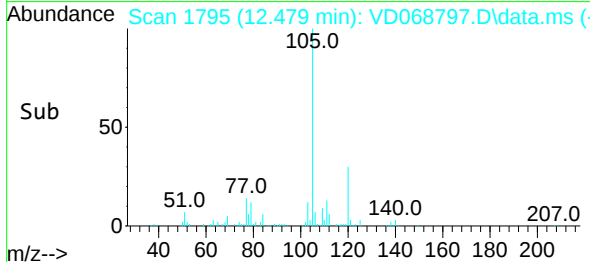
Instrument :
MSVOA_D
ClientSampled :
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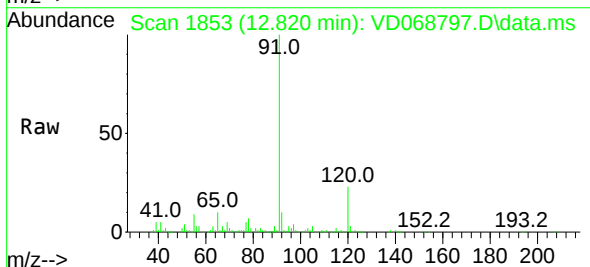
Tgt Ion:105 Resp: 225063
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

Manual Integrations
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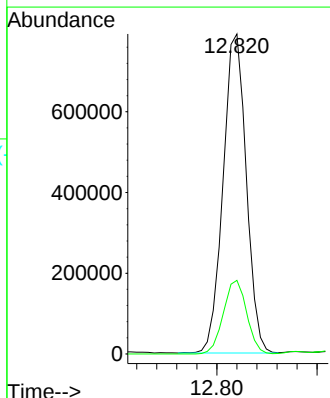
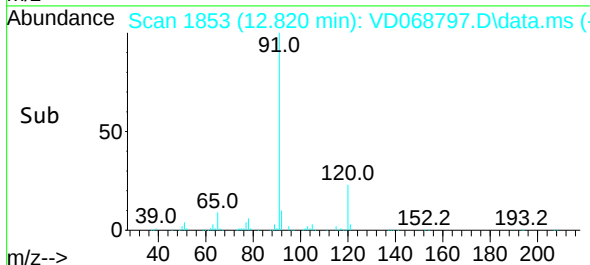
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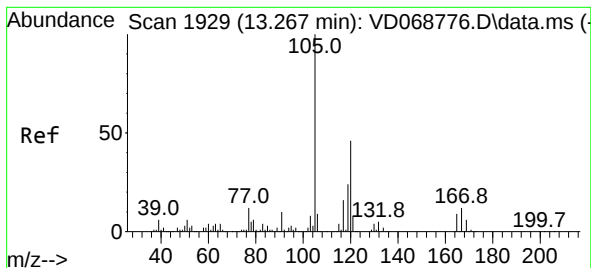


#78
n-propylbenzene
Concen: 34.46 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068797.D
Acq: 08 Apr 2021 18:55



Tgt Ion: 91 Resp: 1270135
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 1.06 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. -0.006 min

Lab File: VD068797.D

Acq: 08 Apr 2021 18:55

Tgt Ion:105 Resp: 27159

Ion Ratio Lower Upper

105 100

120 46.1 22.6 67.7

Instrument :

MSVOA_D

ClientSampled :

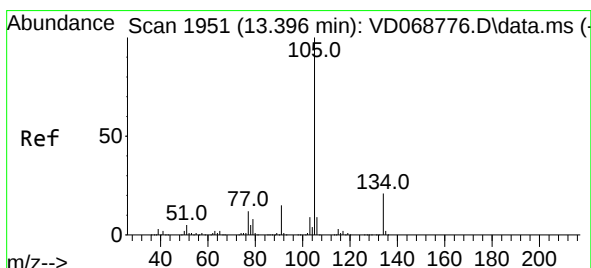
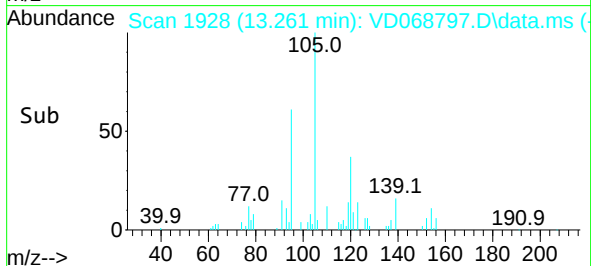
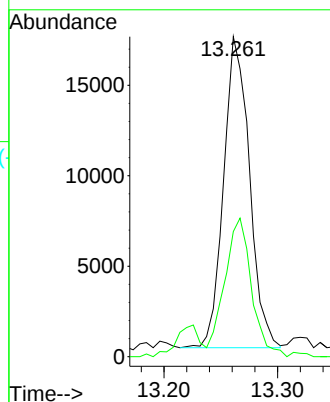
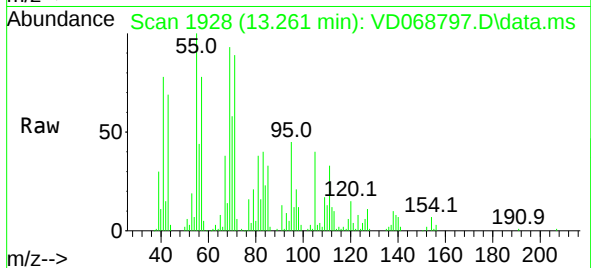
S-1

Manual Integrations

APPROVED

MMDadoda

4/9/2021 7:55:17 PM



#85

sec-Butylbenzene

Concen: 18.24 ug/l

RT: 13.396 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VD068797.D

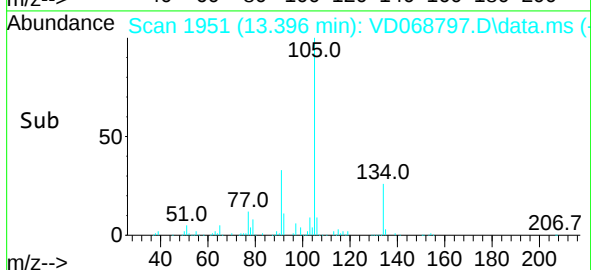
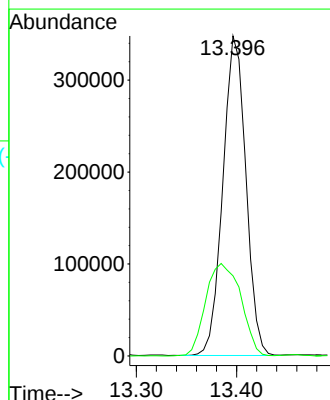
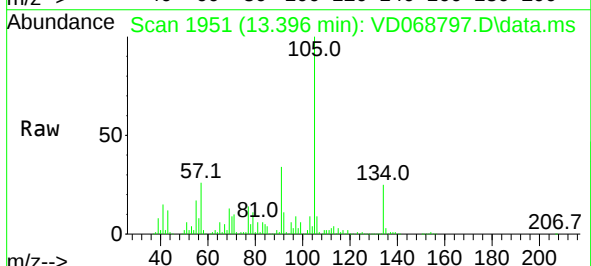
Acq: 08 Apr 2021 18:55

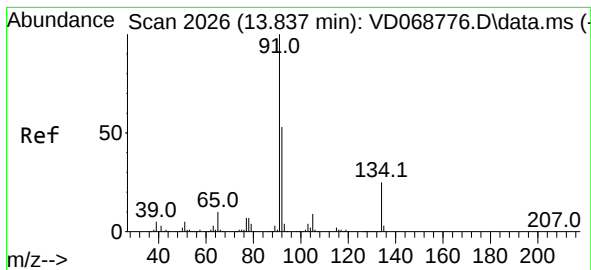
Tgt Ion:105 Resp: 553978

Ion Ratio Lower Upper

105 100

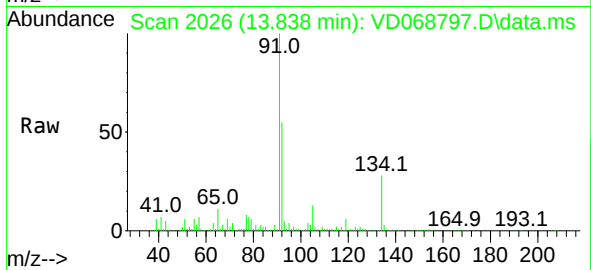
134 44.3 10.0 29.8#





#89
 n-Butylbenzene
 Concen: 35.06 ug/l
 RT: 13.838 min Scan# 2026
 Delta R.T. 0.001 min
 Lab File: VD068797.D
 Acq: 08 Apr 2021 18:55

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1



Tgt Ion: 91 Resp: 916301
 Ion Ratio Lower Upper
 91 100
 92 47.5 26.7 80.1
 134 47.4 12.9 38.6#

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 7:55:17 PM

