

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065629.D
 Acq On : 27 Jan 2021 14:59
 Operator : JC/MD
 Sample : M1190-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41709

Manual Integrations
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Quant Time: Jan 28 02:14:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	212480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	369839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	326390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	133894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	135303	48.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.80%		
35) Dibromofluoromethane	7.550	113	109016	49.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.48%		
50) Toluene-d8	10.058	98	462658	53.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.40%		
62) 4-Bromofluorobenzene	12.373	95	162211	52.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.58%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	48807	44.85	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	19600	2.27	ug/l #	50
20) Methylene Chloride	4.495	84	2085	0.69	ug/l #	88
22) Diisopropyl ether	5.910	45	20179	2.06	ug/l #	86
25) 2-Butanone	6.811	43	5623	3.30	ug/l	94
39) Methylcyclohexane	9.042	83	9302	2.05	ug/l	91
40) Benzene	8.000	78	592845	52.16	ug/l	100
52) Toluene	10.122	92	2148473	319.12	ug/l	93
67) Ethyl Benzene	11.479	91	436326	34.02	ug/l	97
68) m/p-Xylenes	11.588	106	1079944	232.56	ug/l	97
69) o-Xylene	11.916	106	636049	141.35	ug/l	96
73) Isopropylbenzene	12.219	105	22628	1.93	ug/l	97
78) n-propylbenzene	12.563	91	37752	2.73	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	284339	28.49	ug/l	100
84) 1,2,4-Trimethylbenzene	13.010	105	1040602	104.52	ug/l	99
85) sec-Butylbenzene	13.141	105	12961m	1.15	ug/l	
86) p-Isopropyltoluene	13.260	119	15920	1.60	ug/l	96
89) n-Butylbenzene	13.579	91	9709m	1.09	ug/l	
95) Naphthalene	15.100	128	88195	12.92	ug/l	98

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

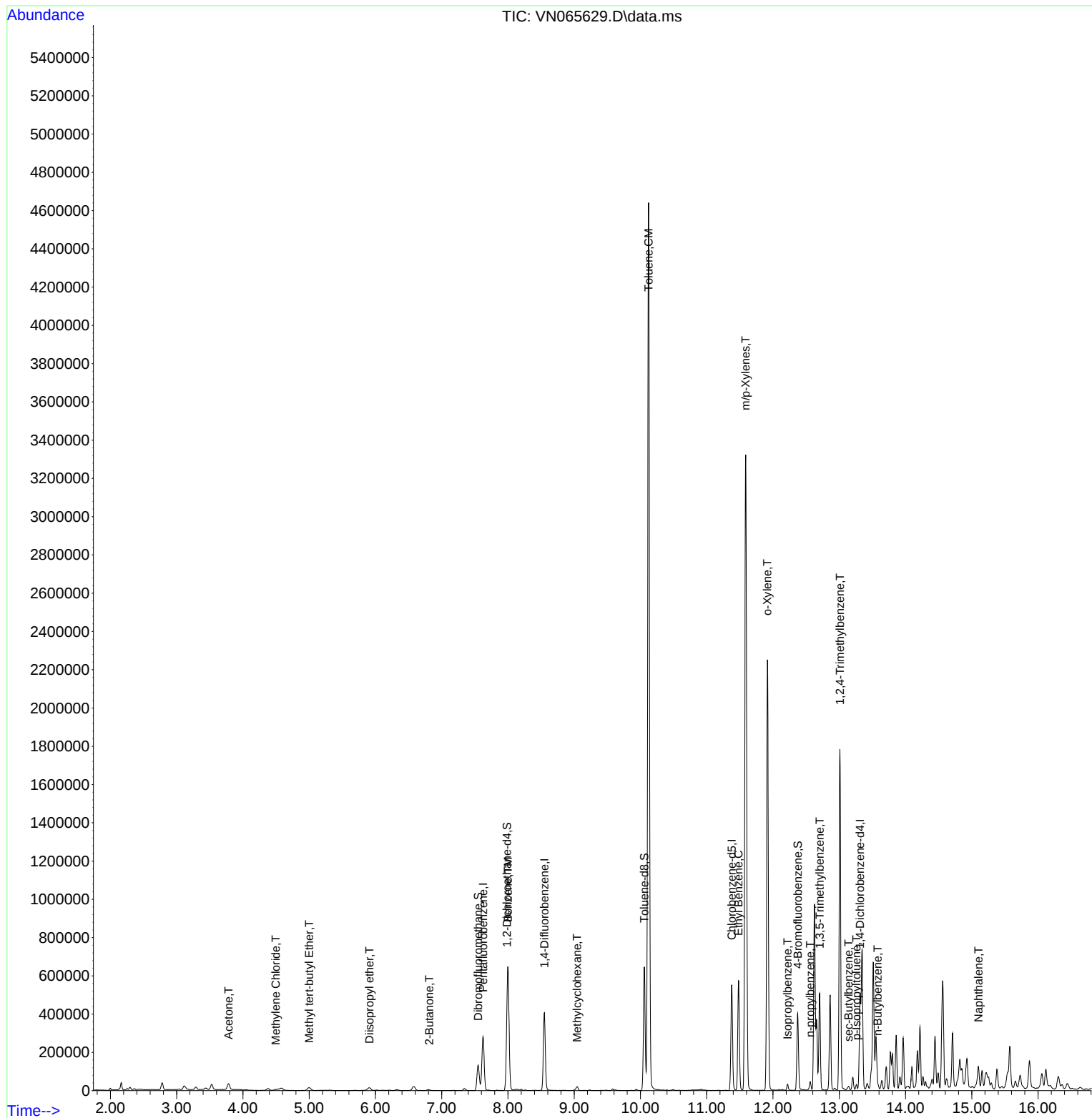
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
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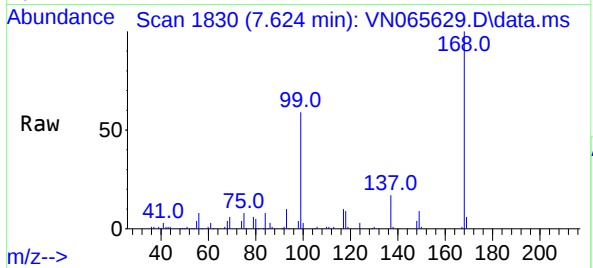
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Quant Time: Jan 28 02:14:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

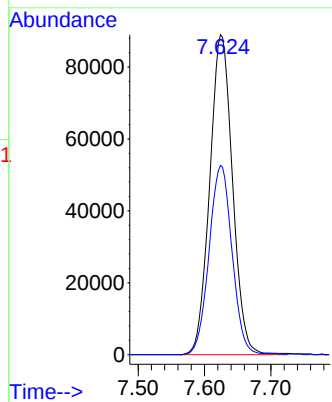
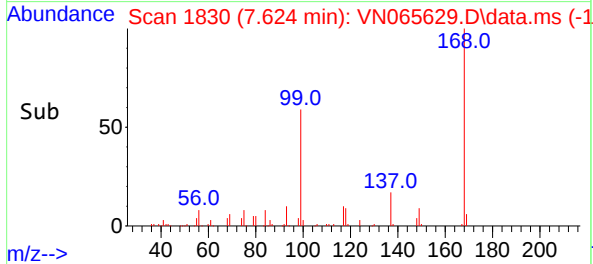




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



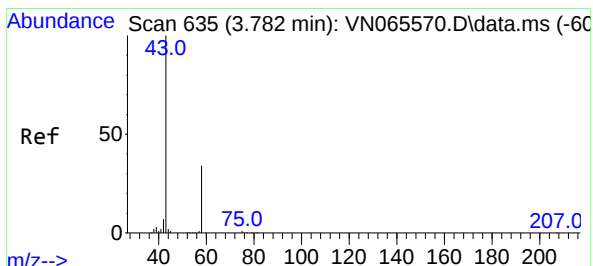
Tgt Ion:168 Resp: 212480
Ion Ratio Lower Upper
168 100
99 59.2 42.6 63.8



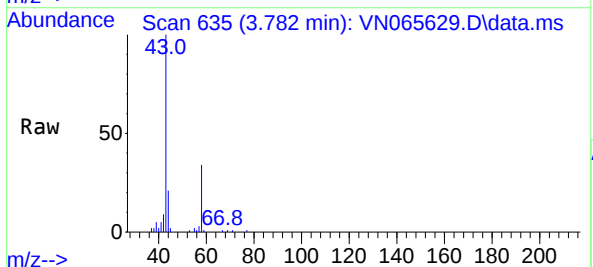
Instrument :
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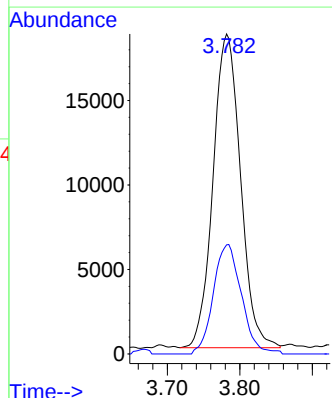
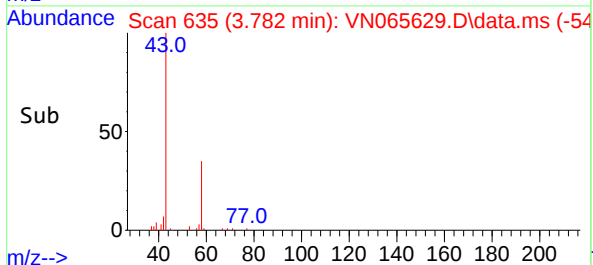
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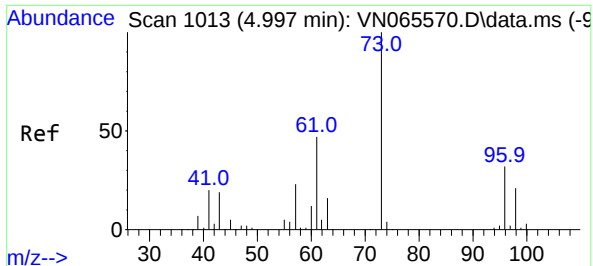


#16
Acetone
Concen: 44.85 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



Tgt Ion: 43 Resp: 48807
Ion Ratio Lower Upper
43 100
58 34.8 27.0 40.6





#19

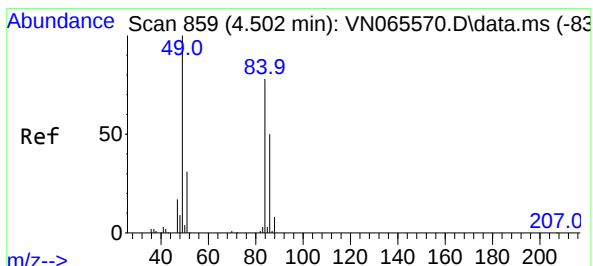
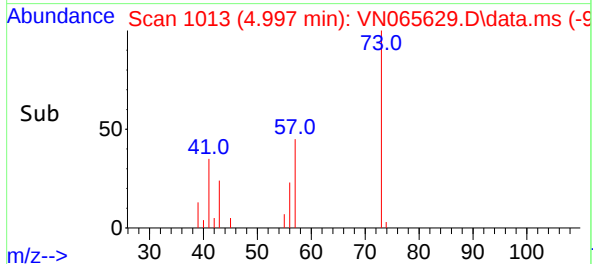
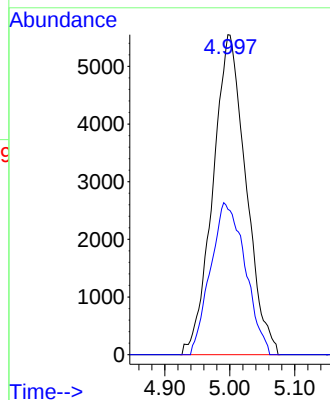
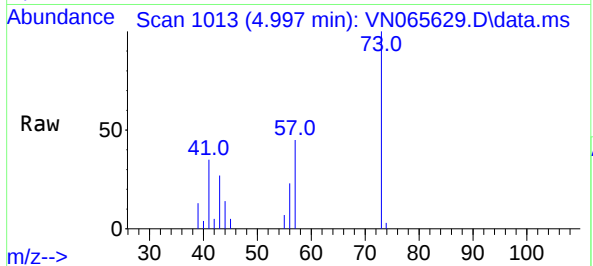
Methyl tert-butyl Ether
Concen: 2.27 ug/l
RT: 4.997 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 73 Resp: 19600
Ion Ratio Lower Upper
73 100
57 45.4 17.3 25.9#

Instrument :
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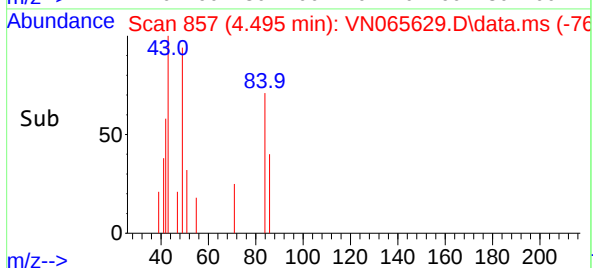
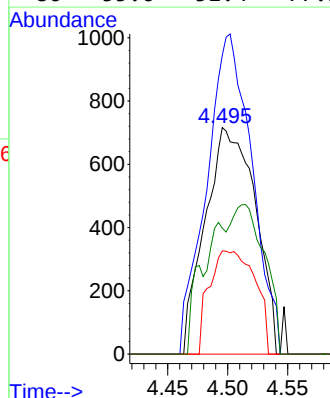
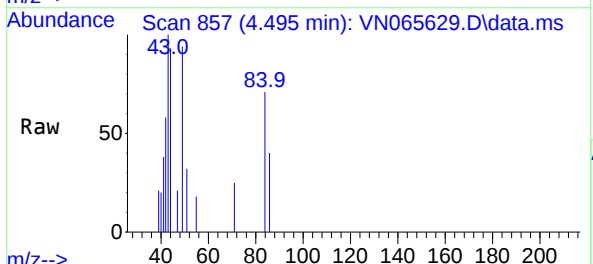
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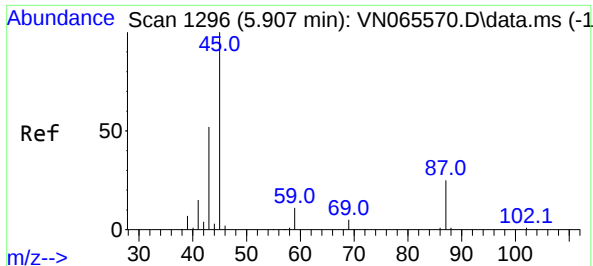


#20

Methylene Chloride
Concen: 0.69 ug/l
RT: 4.495 min Scan# 857
Delta R.T. -0.007 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 84 Resp: 2085
Ion Ratio Lower Upper
84 100
49 131.8 94.6 141.8
51 45.5 29.9 44.9#
86 55.6 51.4 77.2





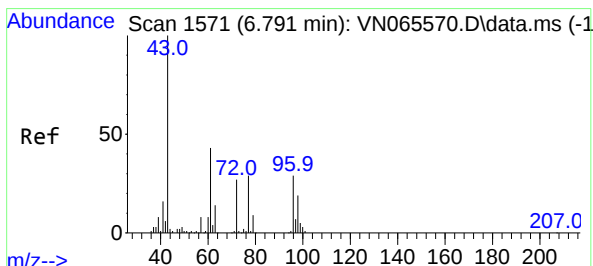
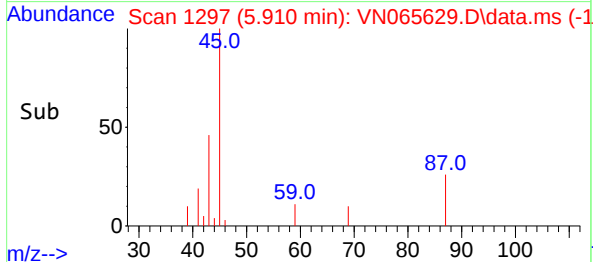
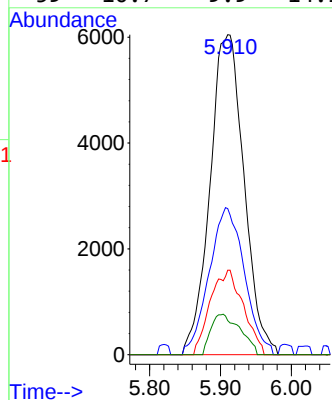
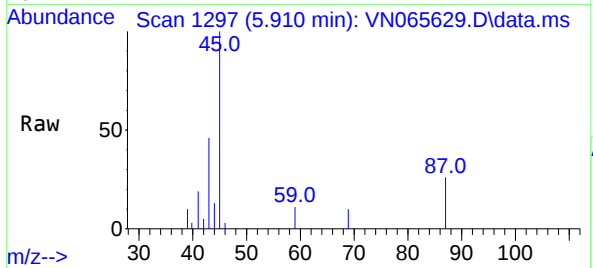
#22
Diisopropyl ether
Concen: 2.06 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.003 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion:	45	Resp:	20179
Ion	Ratio	Lower	Upper
45	100		
43	45.6	48.9	73.3#
87	26.4	23.7	35.5
59	10.7	9.9	14.9

Instrument :
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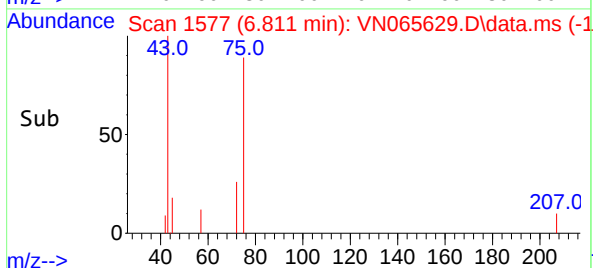
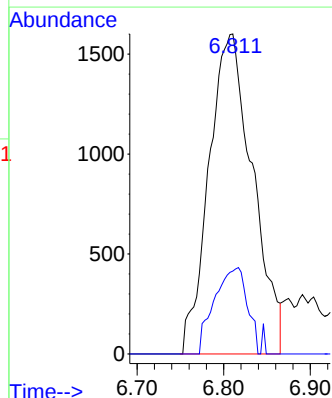
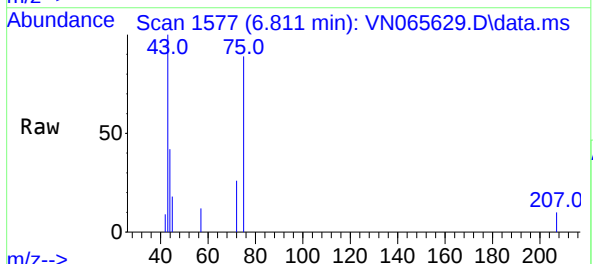
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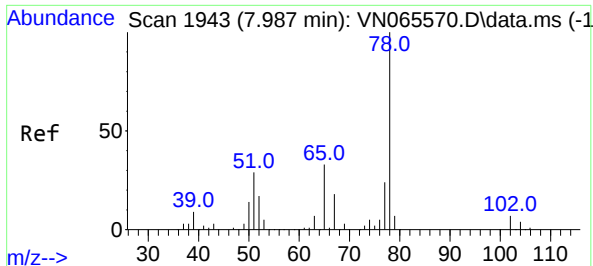
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#25
2-Butanone
Concen: 3.30 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.019 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion:	43	Resp:	5623
Ion	Ratio	Lower	Upper
43	100		
72	25.9	23.1	34.7





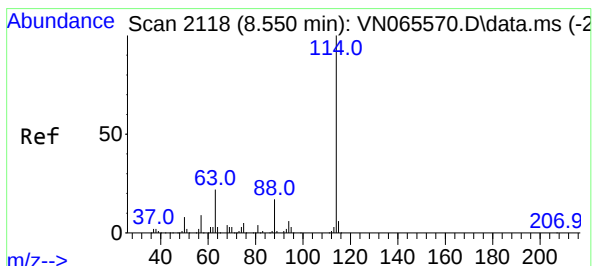
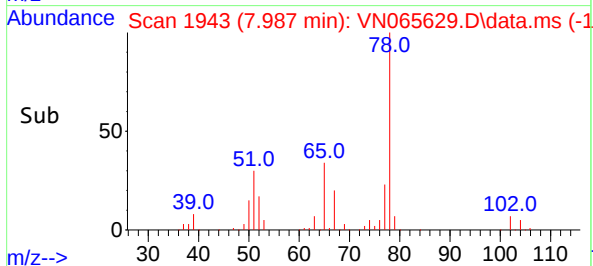
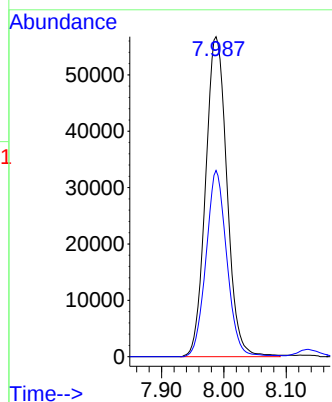
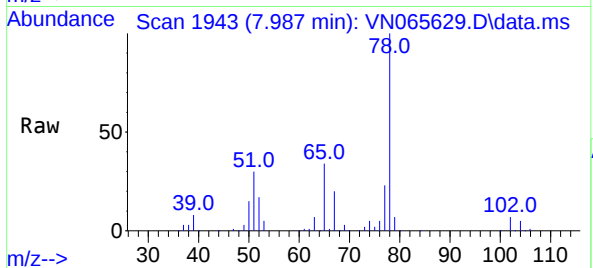
#33
1,2-Dichloroethane-d4
Concen: 48.40 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 65 Resp: 135303
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2

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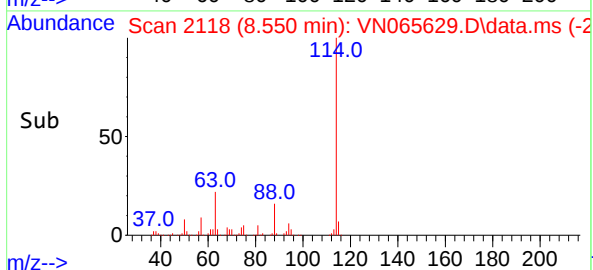
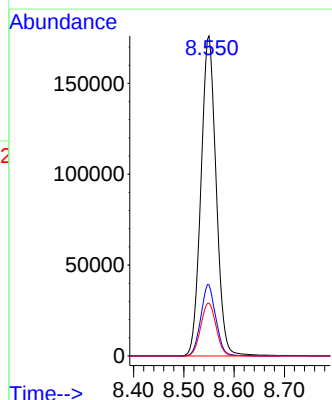
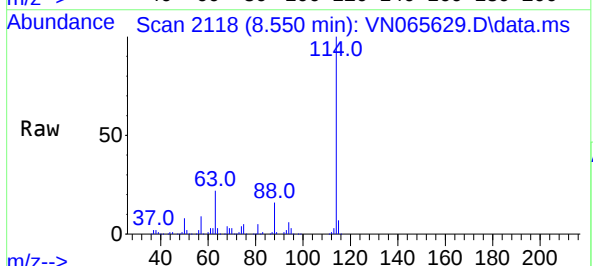
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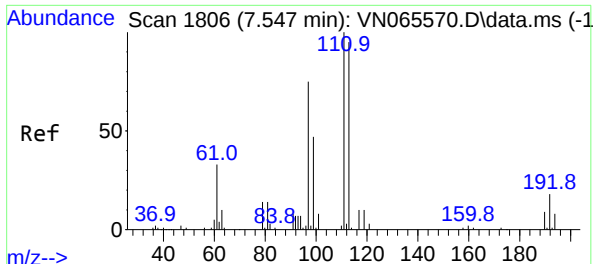
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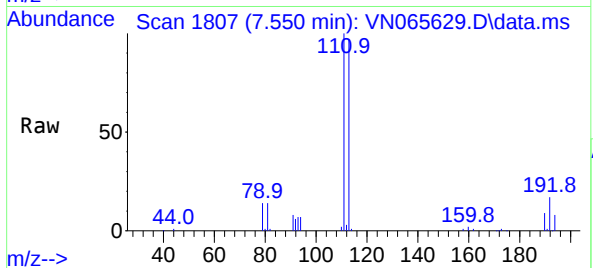
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 114 Resp: 369839
Ion Ratio Lower Upper
114 100
63 22.2 0.0 38.6
88 16.5 0.0 30.6

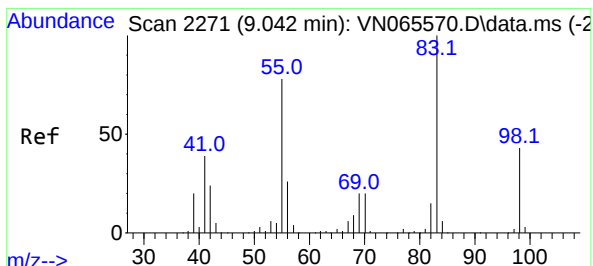
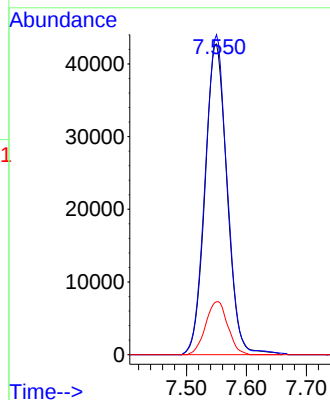
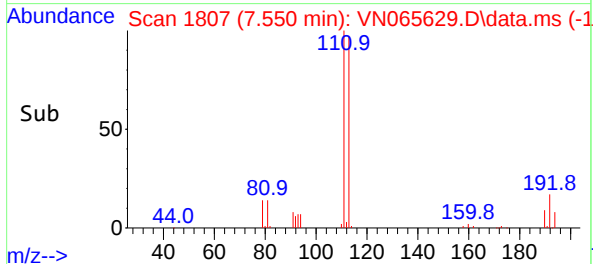




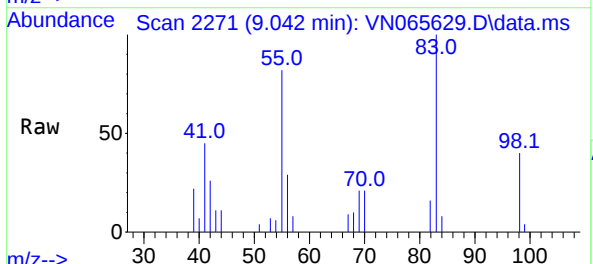
#35
Dibromofluoromethane
Concen: 49.74 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



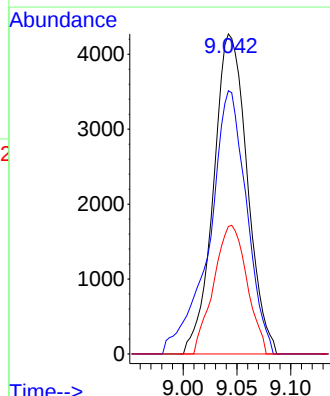
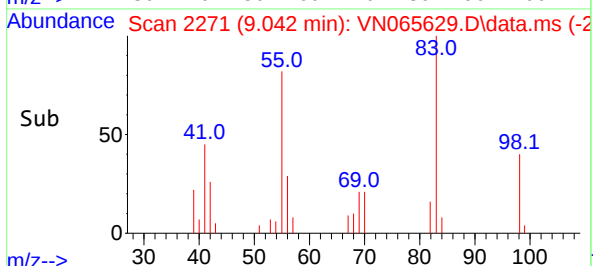
Tgt Ion:113 Resp: 109016
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.2 15.4 23.0



#39
Methylcyclohexane
Concen: 2.05 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



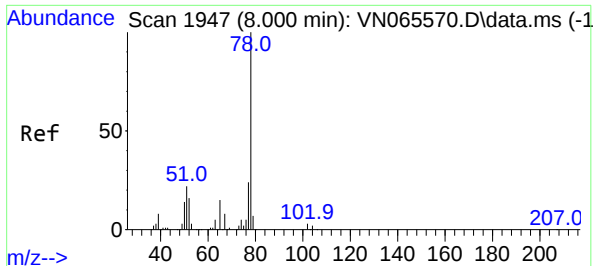
Tgt Ion: 83 Resp: 9302
Ion Ratio Lower Upper
83 100
55 82.3 58.9 88.3
98 39.9 35.9 53.9



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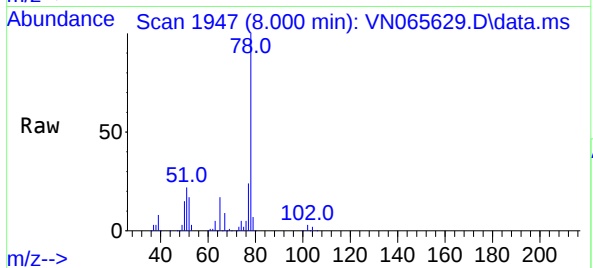
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#40
Benzene
Concen: 52.16 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

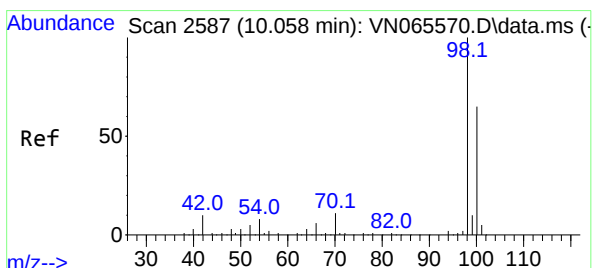
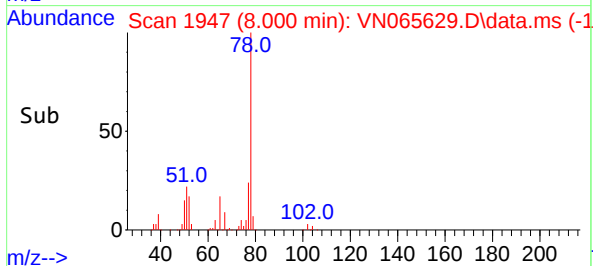
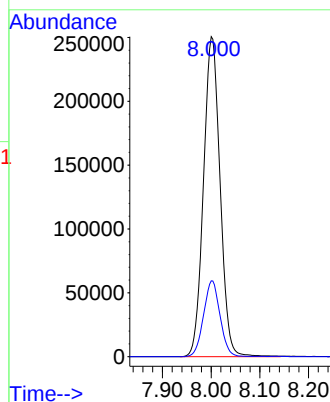
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Tgt Ion: 78 Resp: 592845
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

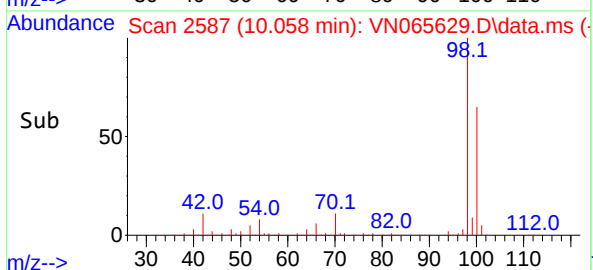
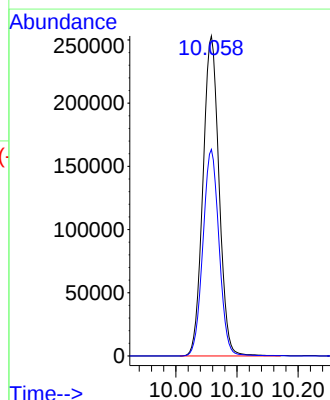
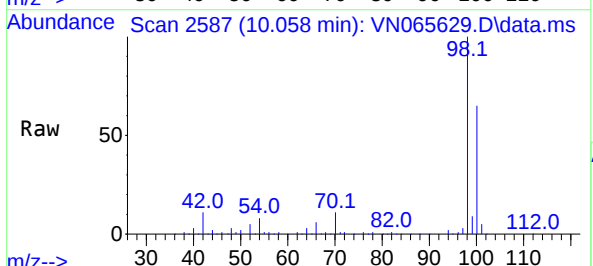
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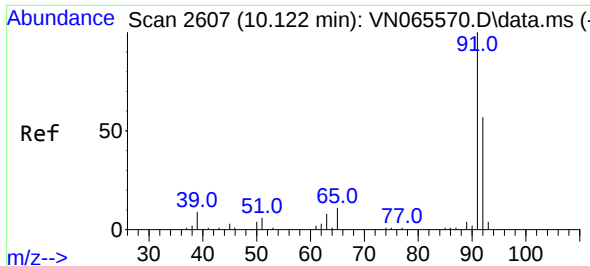
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1/28/2021 2:14:04 PM



#50
Toluene-d8
Concen: 53.70 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 98 Resp: 462658
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7





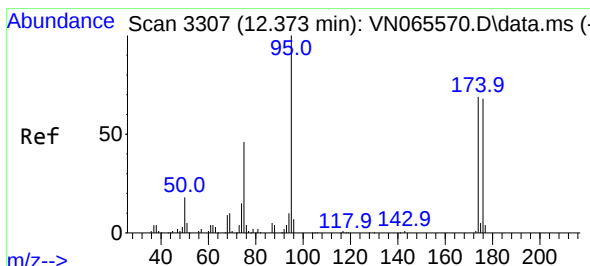
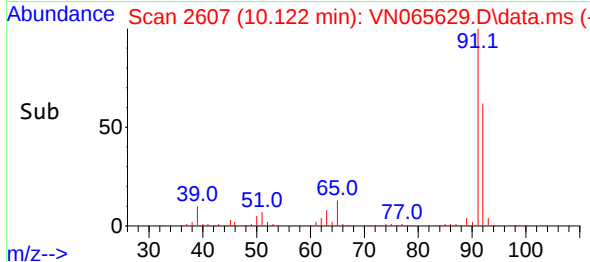
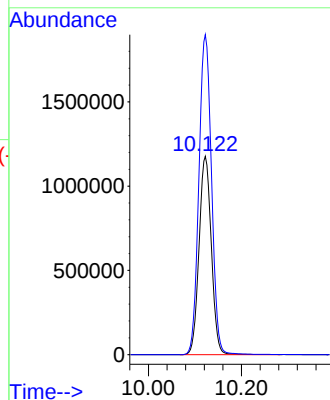
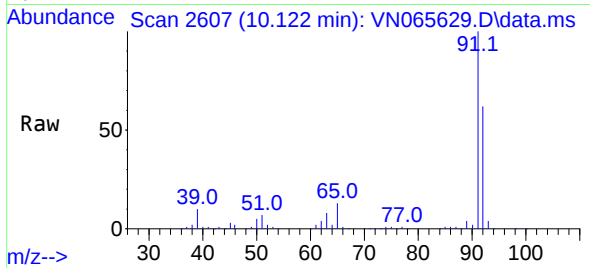
#52
Toluene
Concen: 319.12 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 92 Resp: 2148473
Ion Ratio Lower Upper
92 100
91 166.0 140.7 211.1

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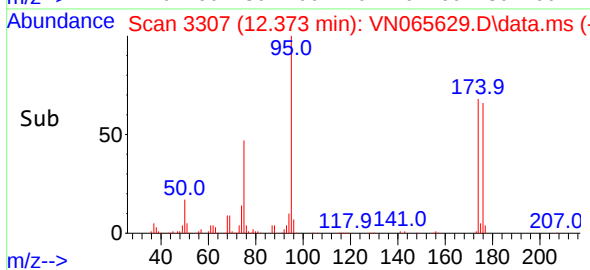
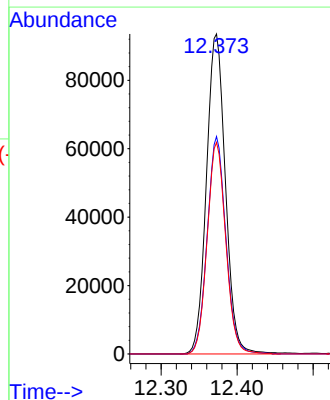
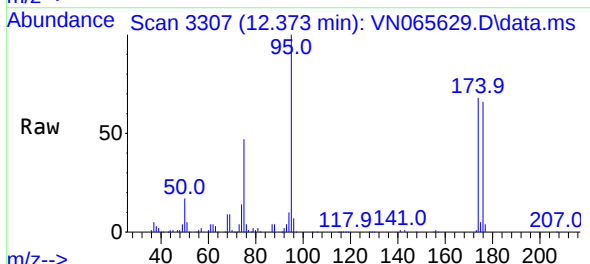
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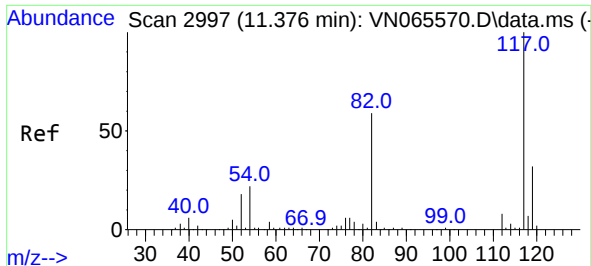
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#62
4-Bromofluorobenzene
Concen: 52.29 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

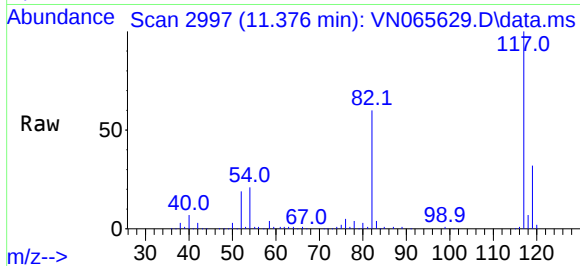
Tgt Ion: 95 Resp: 162211
Ion Ratio Lower Upper
95 100
174 66.9 0.0 169.0
176 64.7 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

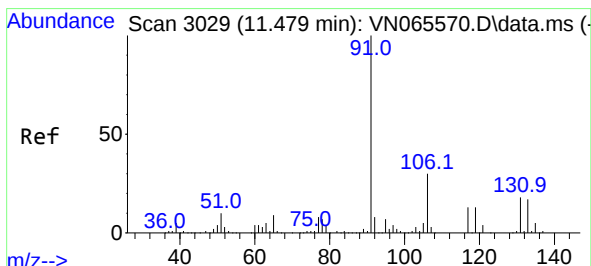
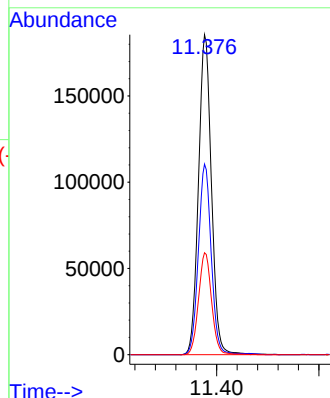
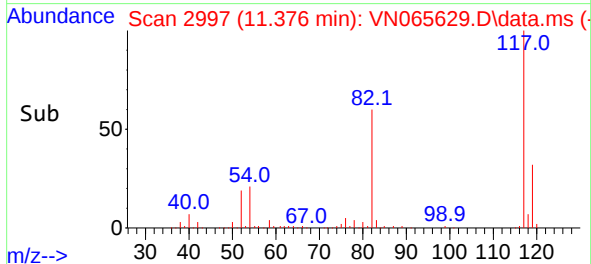
Instrument :
MSVOA_N
ClientSampled :
41709



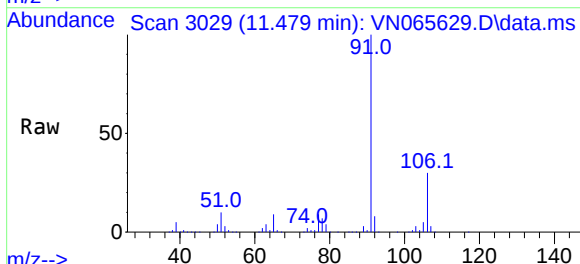
Tgt Ion:117 Resp: 326390
Ion Ratio Lower Upper
117 100
82 59.5 43.7 65.5
119 31.9 26.1 39.1

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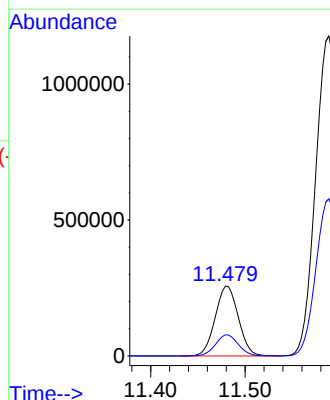
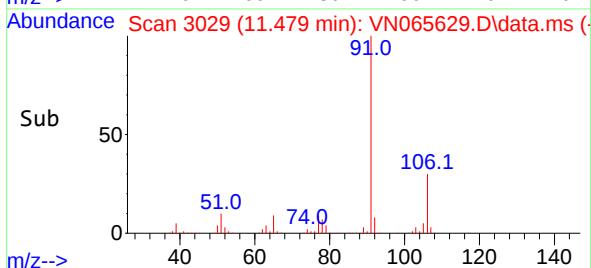
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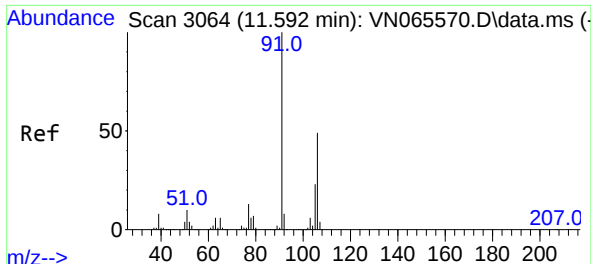


#67
Ethyl Benzene
Concen: 34.02 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



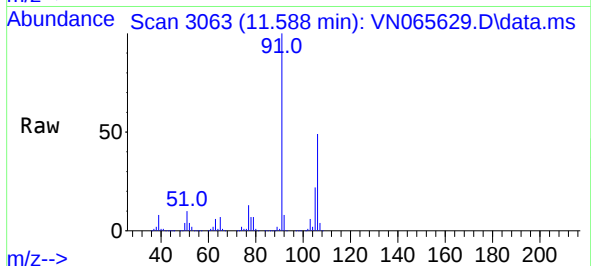
Tgt Ion: 91 Resp: 436326
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3





#68
m/p-Xylenes
Concen: 232.56 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

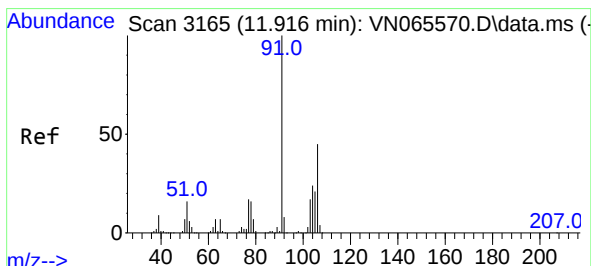
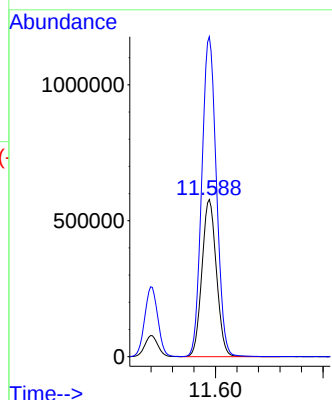
Instrument :
MSVOA_N
ClientSampleId :
41709



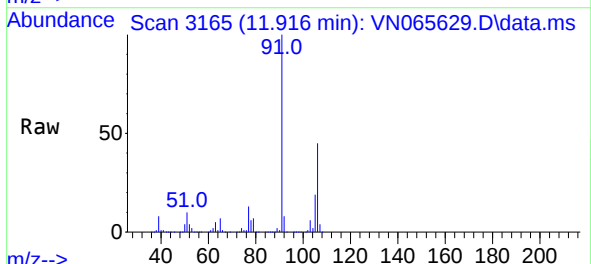
Tgt Ion:106 Resp: 1079944
Ion Ratio Lower Upper
106 100
91 206.1 161.4 242.0

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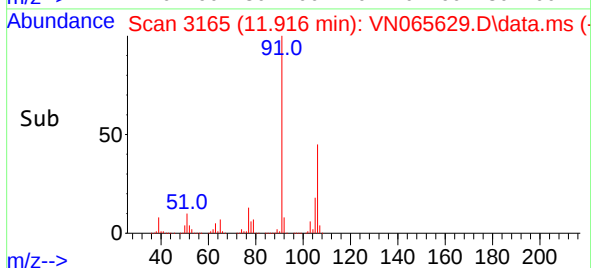
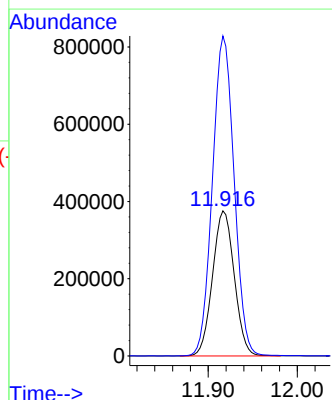
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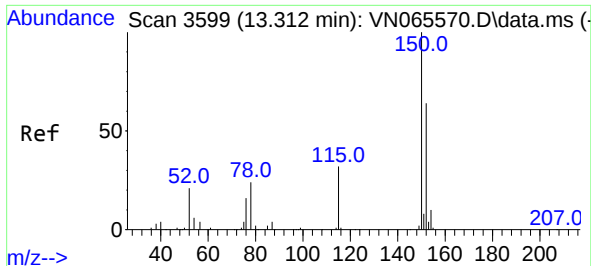


#69
o-Xylene
Concen: 141.35 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



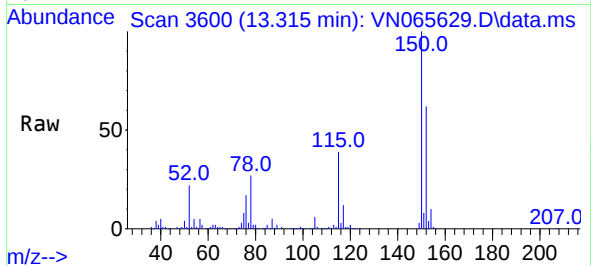
Tgt Ion:106 Resp: 636049
Ion Ratio Lower Upper
106 100
91 220.1 106.8 320.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

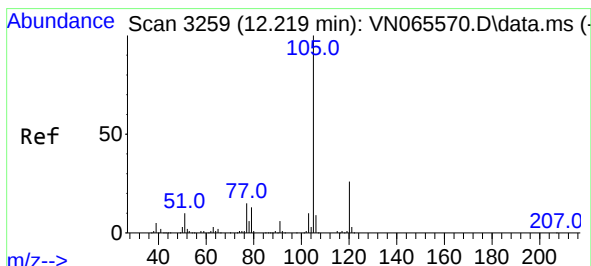
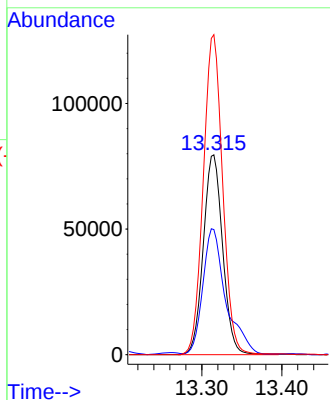
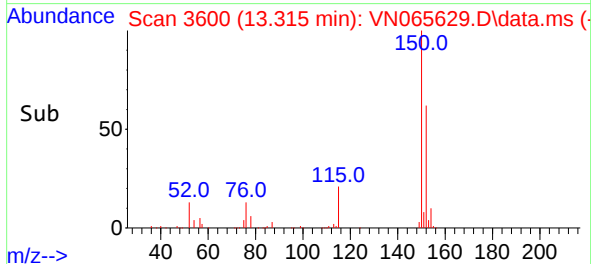
Instrument :
MSVOA_N
ClientSampleId :
41709



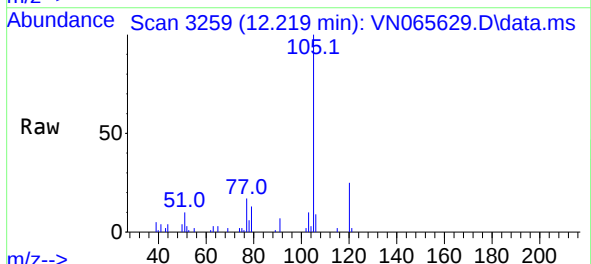
Tgt Ion:152 Resp: 133894
Ion Ratio Lower Upper
152 100
115 73.9 28.5 85.6
150 160.0 0.0 347.6

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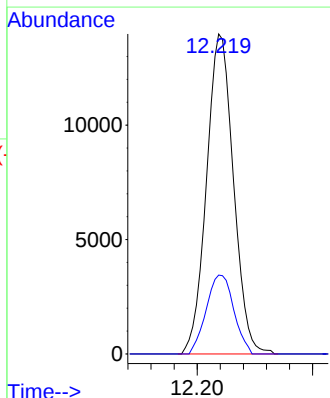
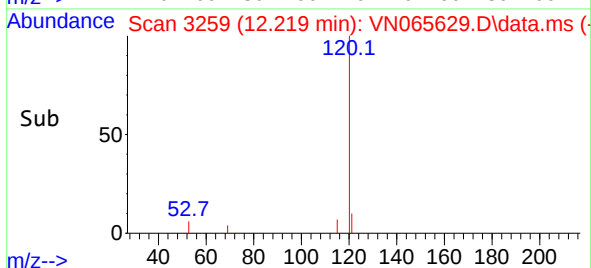
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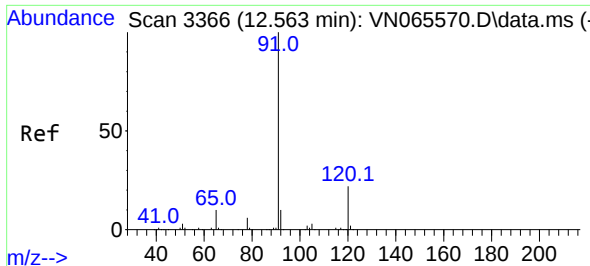


#73
Isopropylbenzene
Concen: 1.93 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59



Tgt Ion:105 Resp: 22628
Ion Ratio Lower Upper
105 100
120 25.2 13.3 39.9





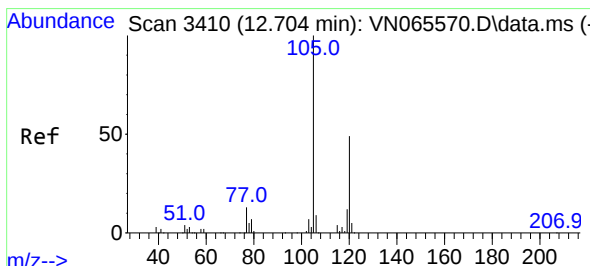
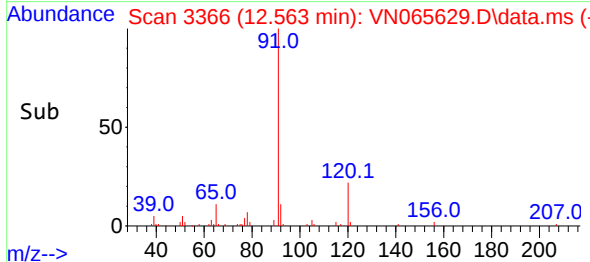
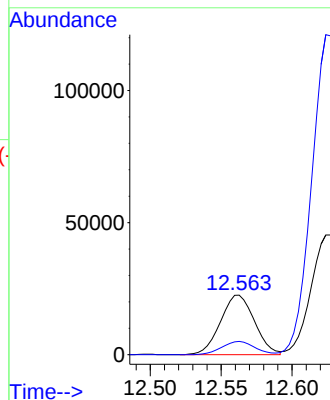
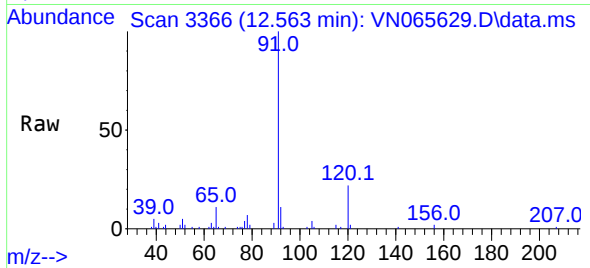
#78
n-propylbenzene
Concen: 2.73 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion: 91 Resp: 37752
Ion Ratio Lower Upper
91 100
120 21.6 11.8 35.3

Instrument :
MSVOA_N
ClientSampled :
41709

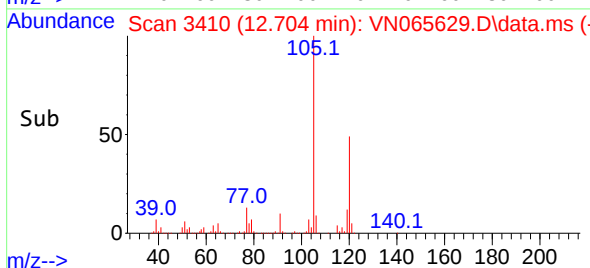
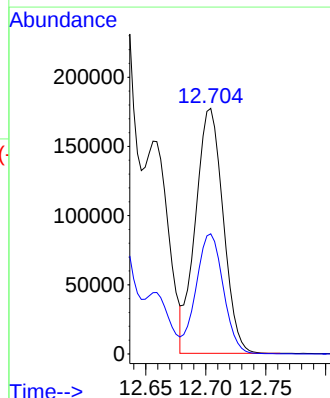
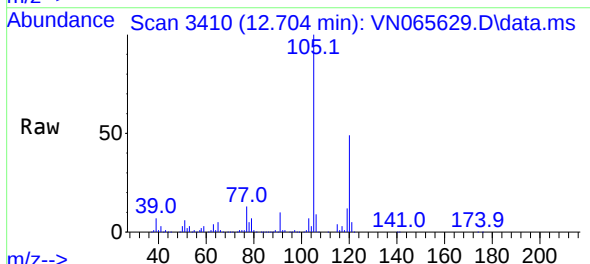
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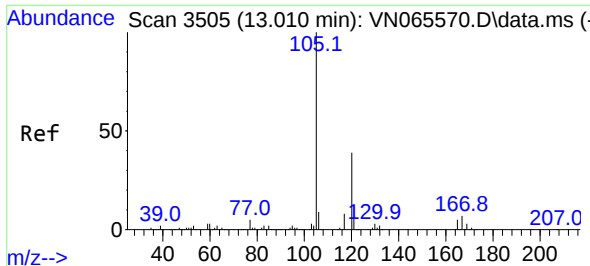
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#80
1,3,5-Trimethylbenzene
Concen: 28.49 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

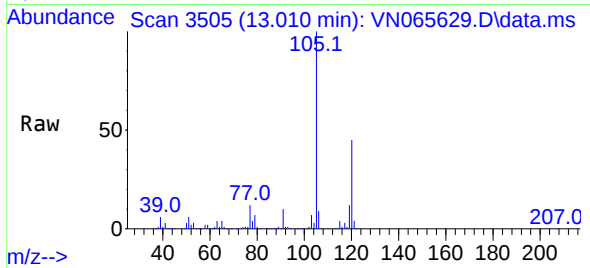
Tgt Ion:105 Resp: 284339
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#84
1,2,4-Trimethylbenzene
Concen: 104.52 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

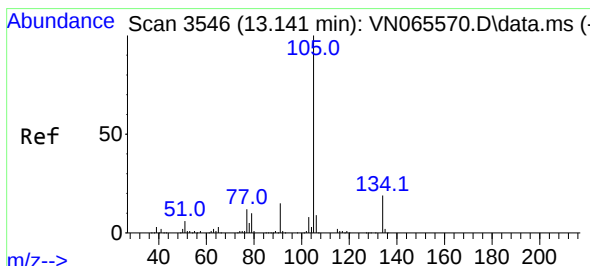
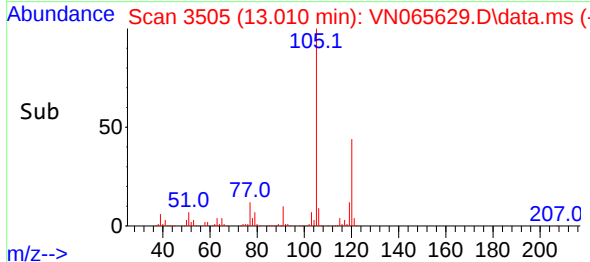
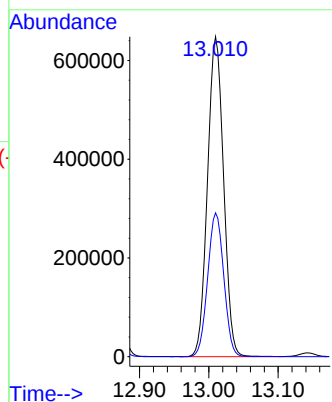
Instrument :
MSVOA_N
ClientSampleId :
41709



Tgt Ion:105 Resp: 1040602
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0

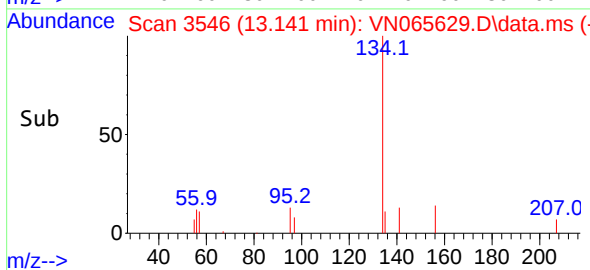
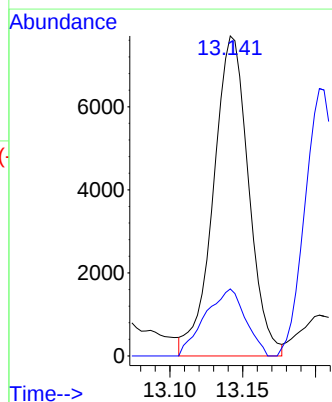
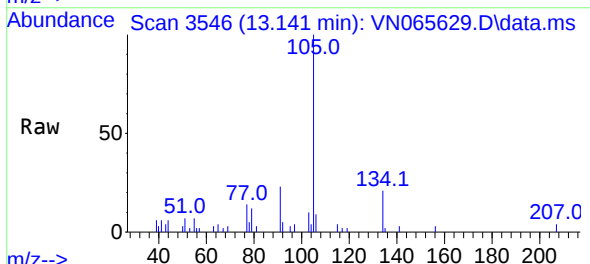
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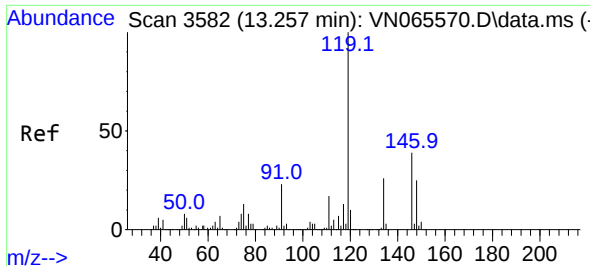
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#85
sec-Butylbenzene
Concen: 1.15 ug/l m
RT: 13.141 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion:105 Resp: 12961
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





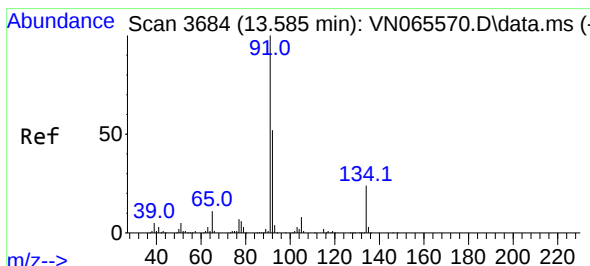
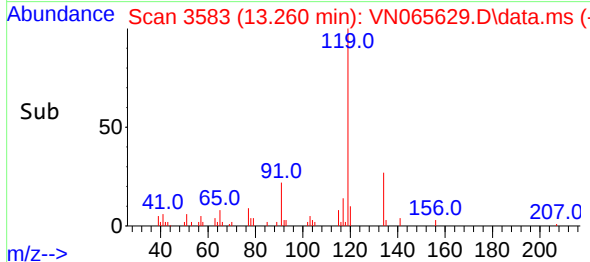
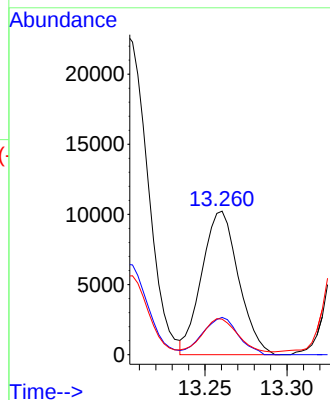
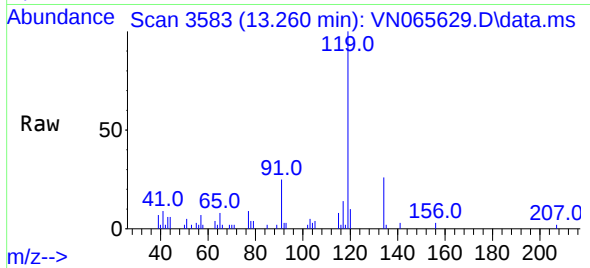
#86
p-Isopropyltoluene
Concen: 1.60 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Tgt Ion:	119	Resp:	15920
Ion Ratio	Lower	Upper	
119	100		
134	25.2	13.3	39.8
91	21.2	11.8	35.3

Instrument :
MSVOA_N
ClientSampled :
41709

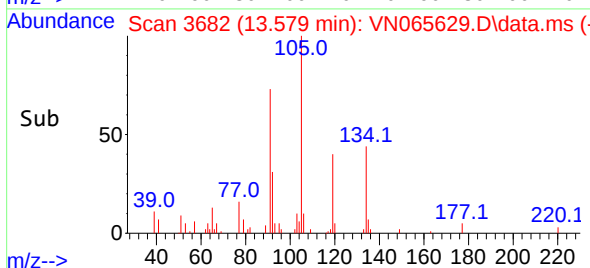
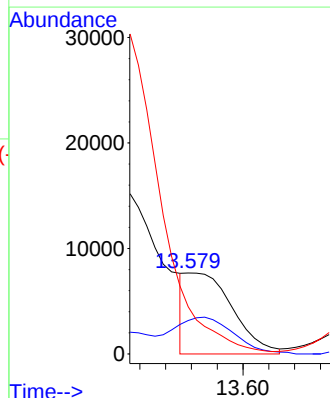
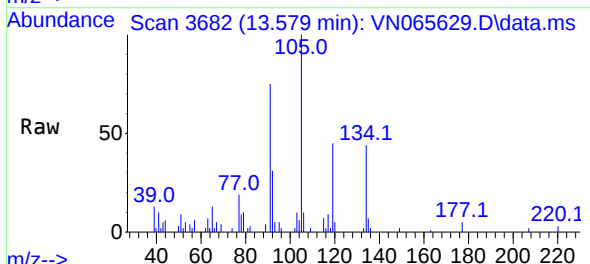
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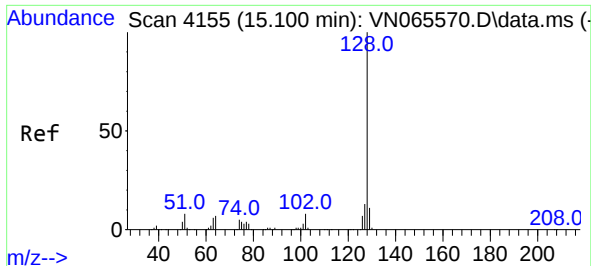
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#89
n-Butylbenzene
Concen: 1.09 ug/l m
RT: 13.579 min Scan# 3682
Delta R.T. -0.006 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

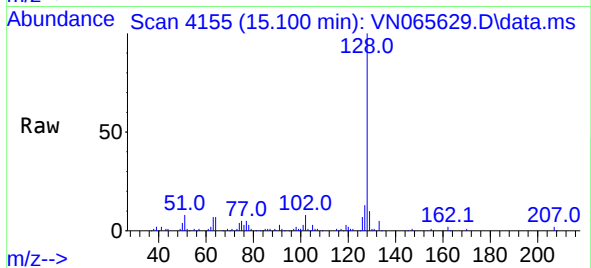
Tgt Ion:	91	Resp:	9709
Ion Ratio	Lower	Upper	
91	100		
92	28.0	26.1	78.3
134	561.2	13.0	38.9#





#95
Naphthalene
Concen: 12.92 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065629.D
Acq: 27 Jan 2021 14:59

Instrument :
MSVOA_N
ClientSampleId :
41709



Tgt Ion:128 Resp: 88195
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.9 8.6 13.0

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