

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075271.D
 Acq On : 14 Nov 2022 17:38
 Operator : JC\MD
 Sample : N5572-01
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31604

Quant Time: Nov 15 03:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

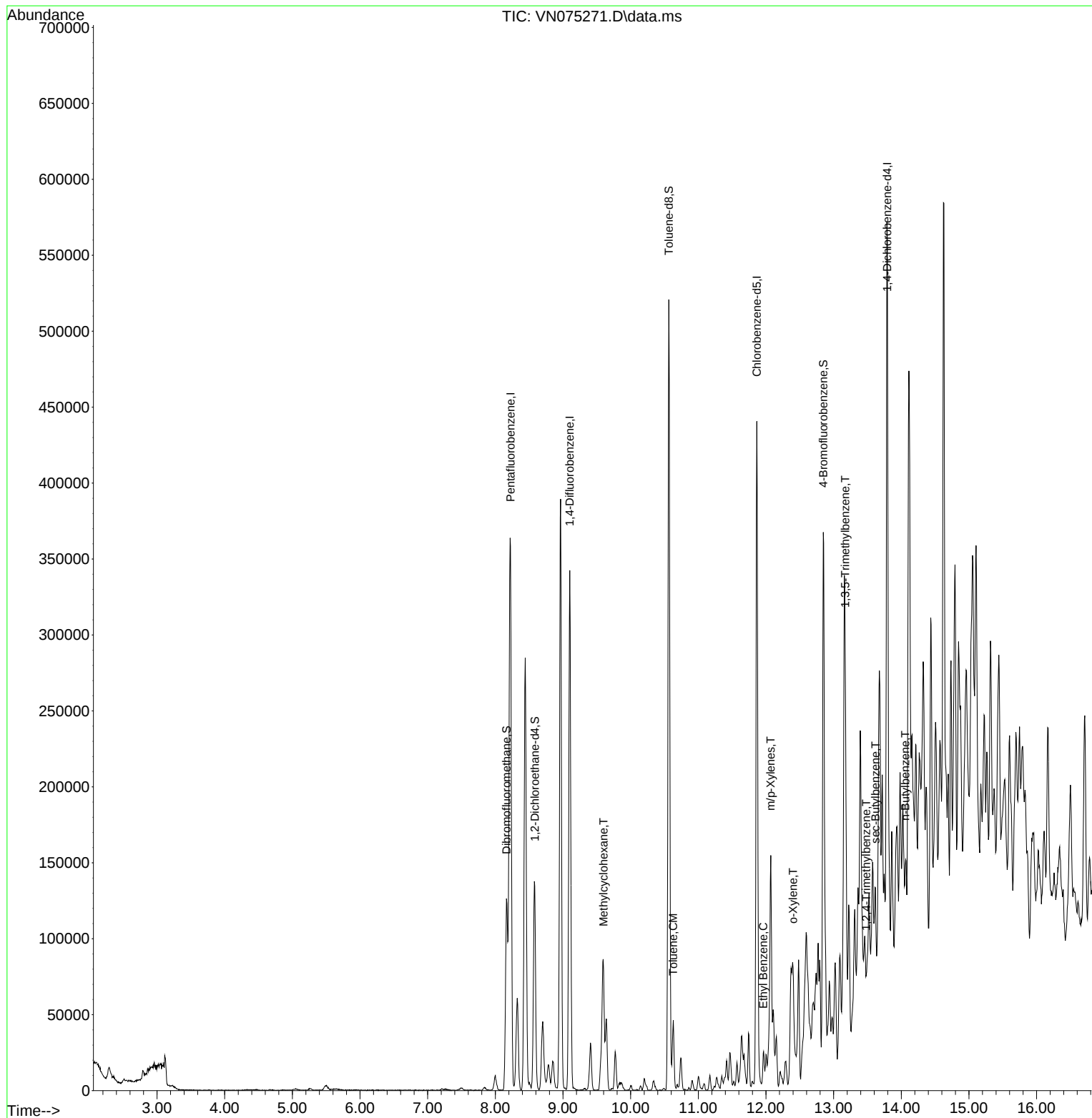
Internal Standards						
1) Pentafluorobenzene	8.224	168	175056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110882	47.010	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.020%		
35) Dibromofluoromethane	8.165	113	90486	50.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	10.565	98	360137	51.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.847	95	115772	46.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.900%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	31236	8.447	ug/l	91
52) Toluene	10.629	92	19580	3.415	ug/l	96
67) Ethyl Benzene	11.959	91	14369	1.417	ug/l	91
68) m/p-Xylenes	12.071	106	17715	4.353	ug/l	98
69) o-Xylene	12.400	106	14898	3.701	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	11764	1.384	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	12601	1.466	ug/l	95
85) sec-Butylbenzene	13.617	105	16633	1.575	ug/l	91
89) n-Butylbenzene	14.059	91	14205	2.022	ug/l #	74

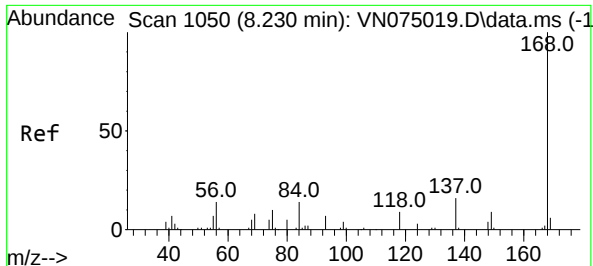
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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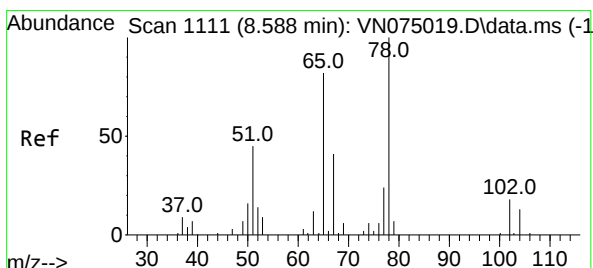
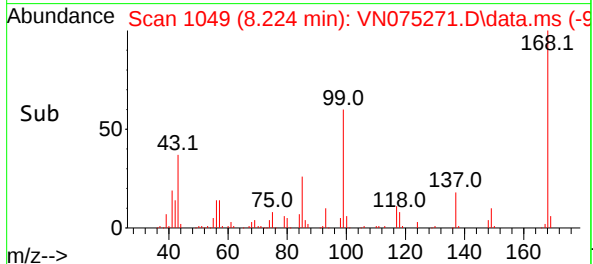
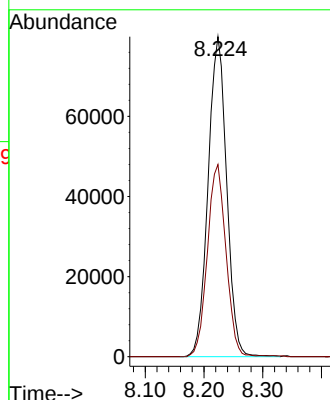
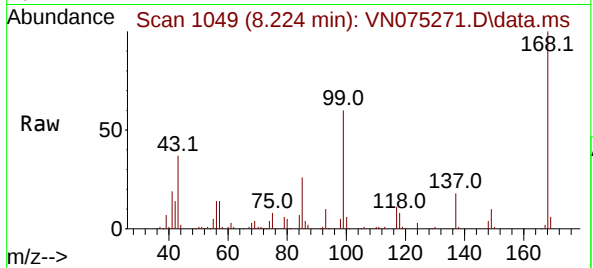




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

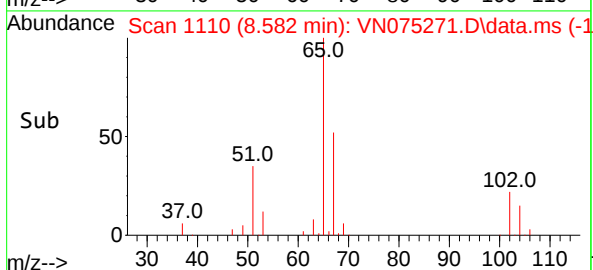
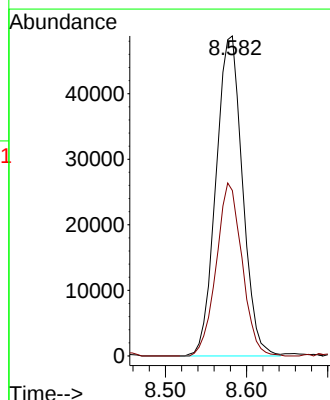
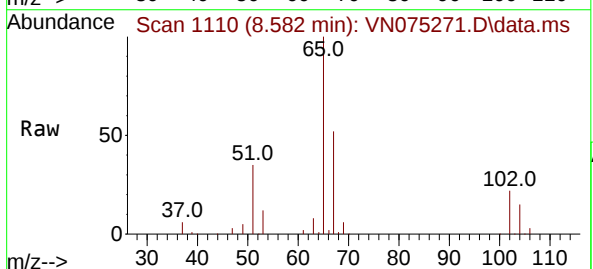
Instrument :
MSVOA_N
ClientSampleId :
31604

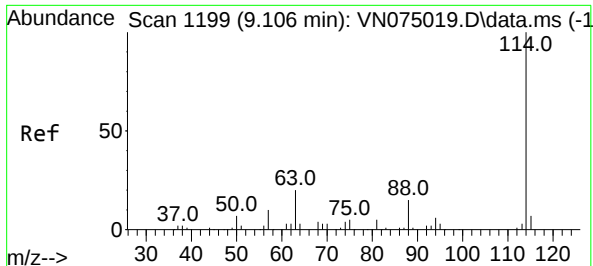
Tgt Ion:168 Resp: 175056
Ion Ratio Lower Upper
168 100
99 60.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 47.010 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

Tgt Ion: 65 Resp: 110882
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075271.D

Acq: 14 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31604

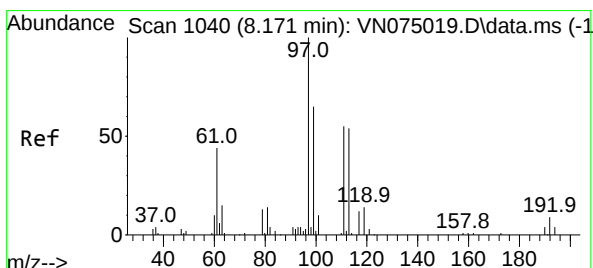
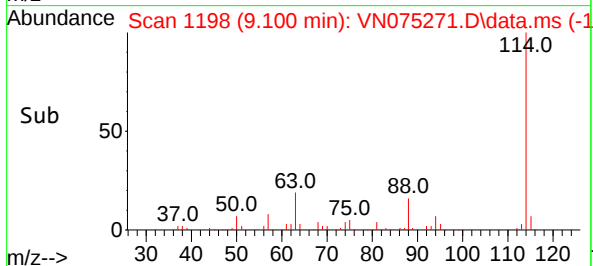
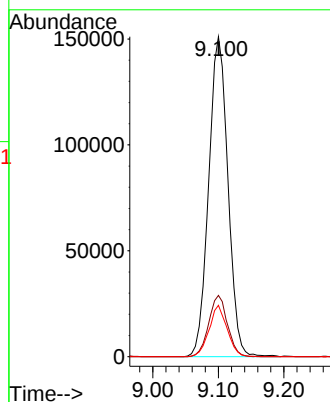
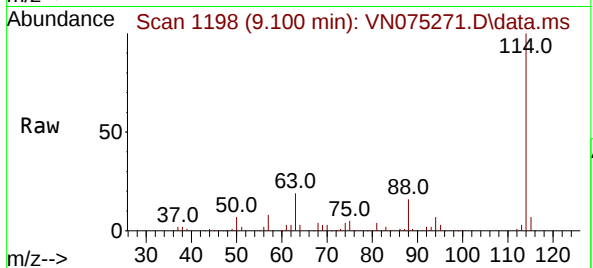
Tgt Ion:114 Resp: 308205

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075271.D

Acq: 14 Nov 2022 17:38

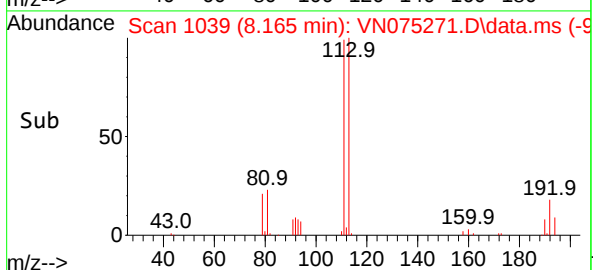
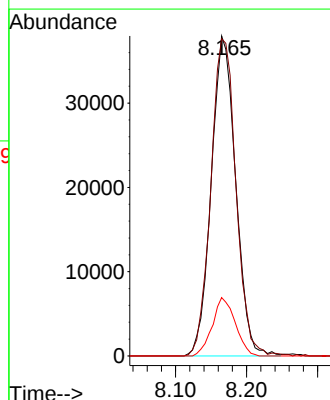
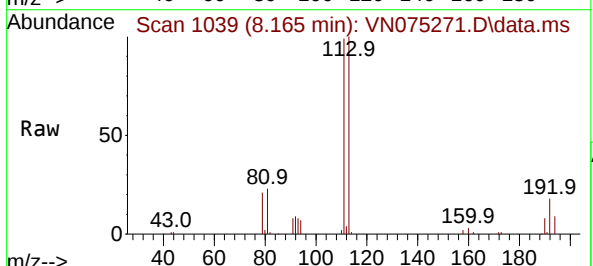
Tgt Ion:113 Resp: 90486

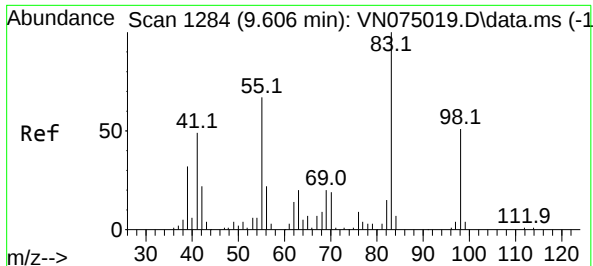
Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

192 17.2 13.2 19.8





#39

Methylcyclohexane

Concen: 8.447 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075271.D

Acq: 14 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31604

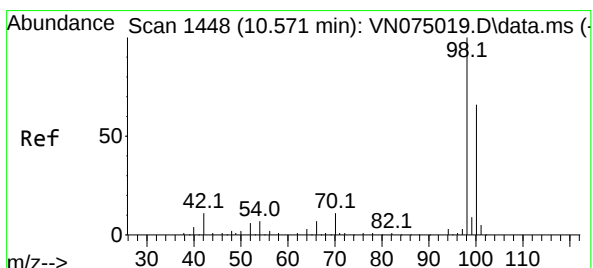
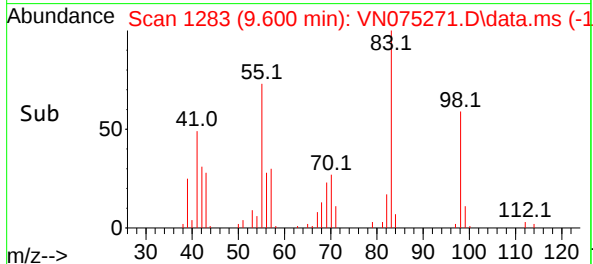
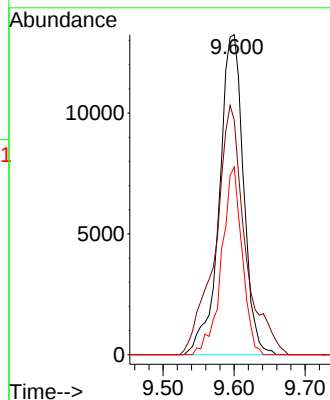
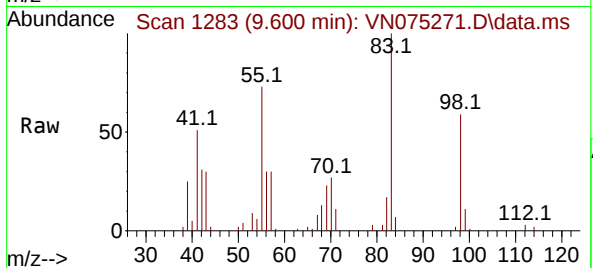
Tgt Ion: 83 Resp: 31236

Ion Ratio Lower Upper

83 100

55 73.2 53.6 80.4

98 58.7 41.1 61.7



#50

Toluene-d8

Concen: 51.304 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075271.D

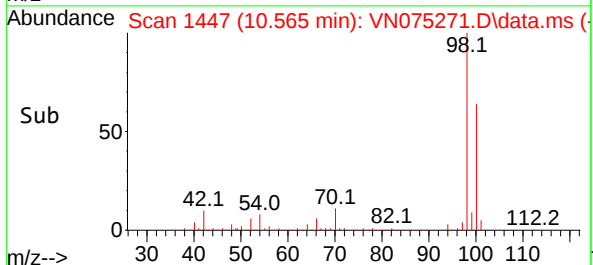
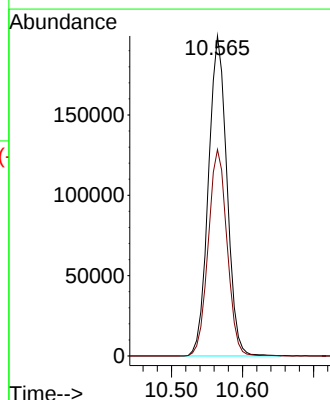
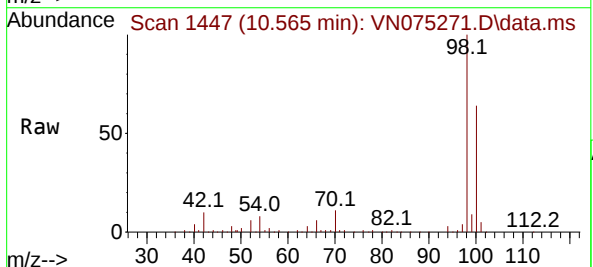
Acq: 14 Nov 2022 17:38

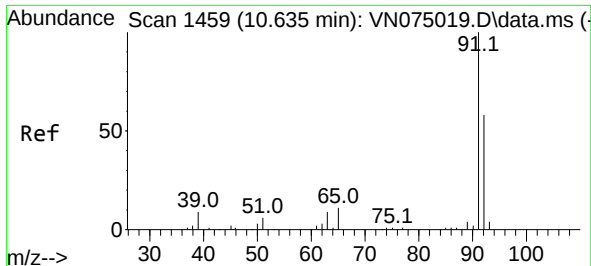
Tgt Ion: 98 Resp: 360137

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

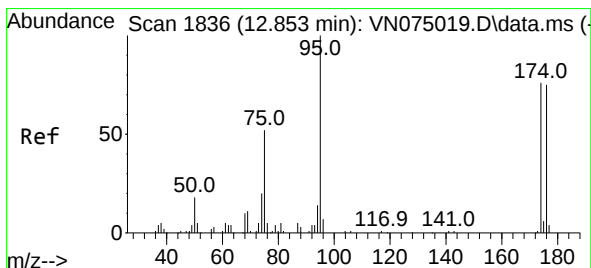
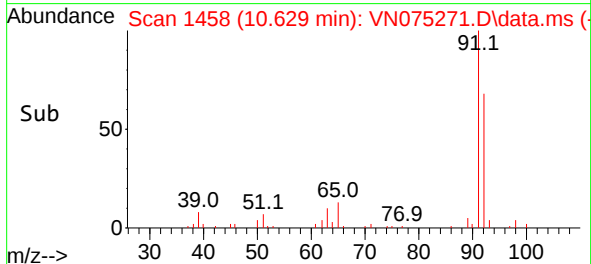
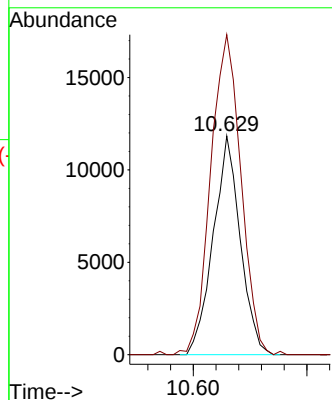
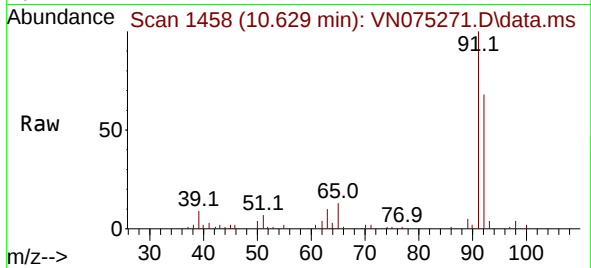




#52
Toluene
Concen: 3.415 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

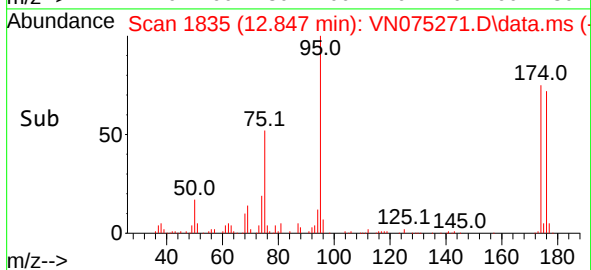
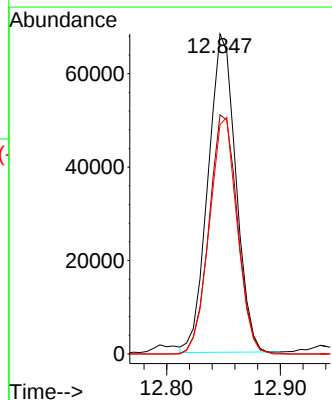
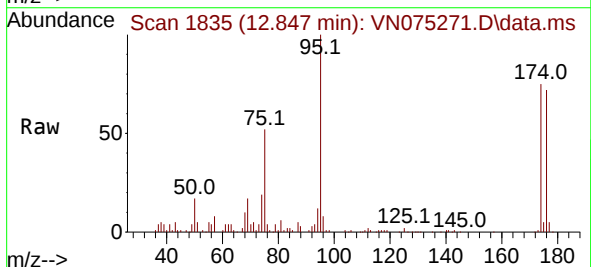
Instrument :
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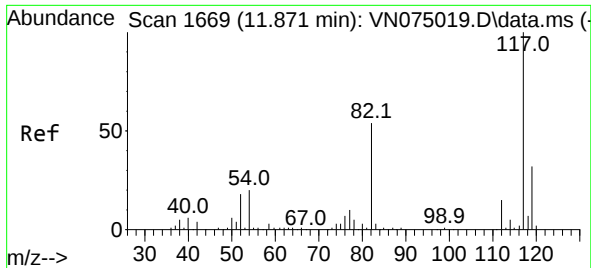
Tgt Ion: 92 Resp: 19580
Ion Ratio Lower Upper
92 100
91 163.7 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

Tgt Ion: 95 Resp: 115772
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.4
176 74.3 0.0 142.2

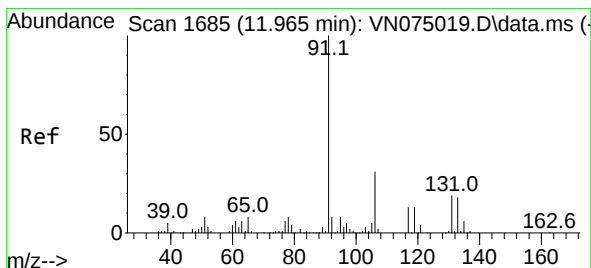
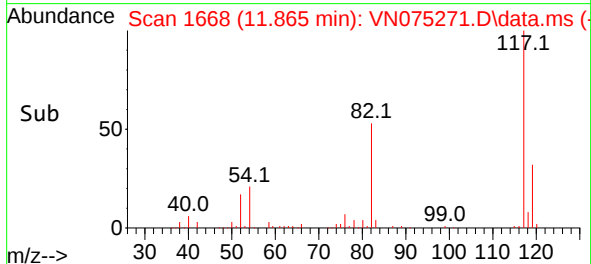
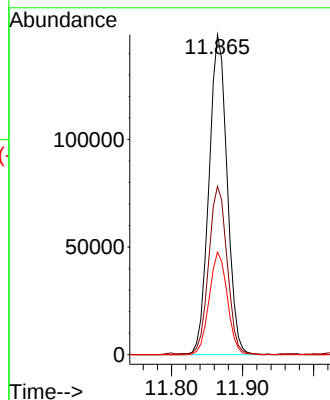
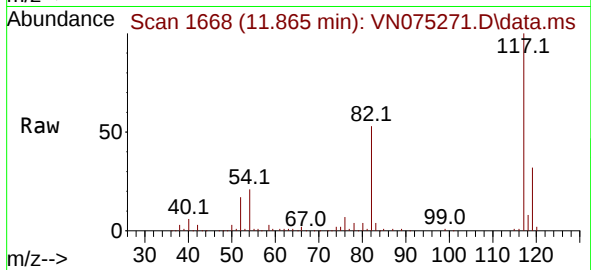




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

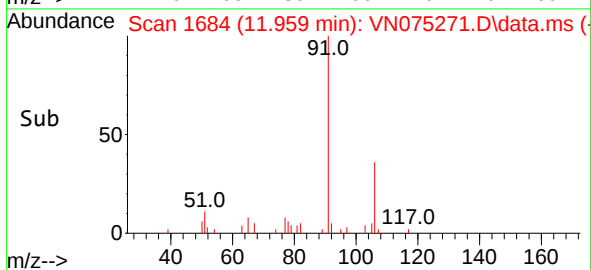
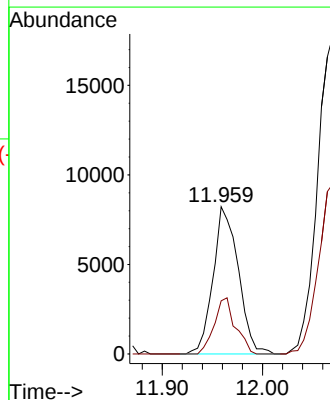
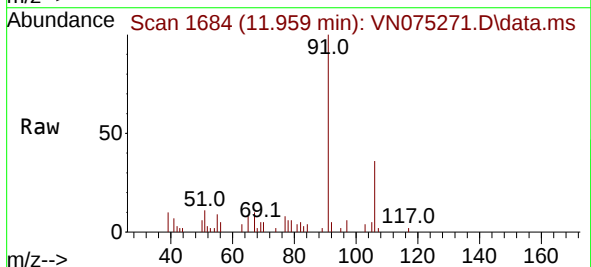
Instrument :
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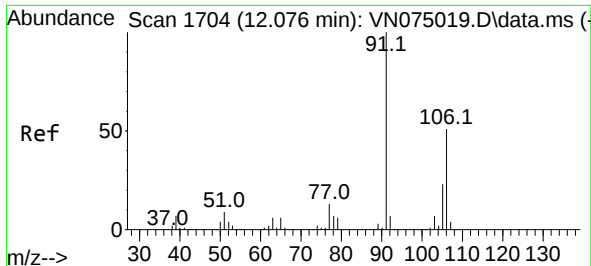
Tgt Ion:117 Resp: 264131
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.417 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

Tgt Ion: 91 Resp: 14369
Ion Ratio Lower Upper
91 100
106 36.1 24.9 37.3

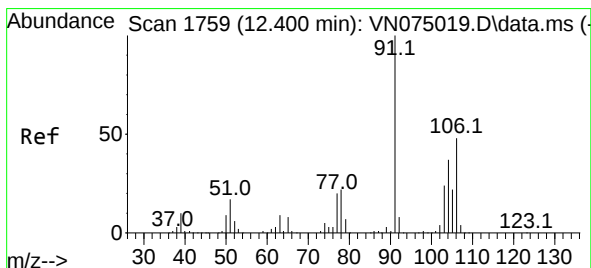
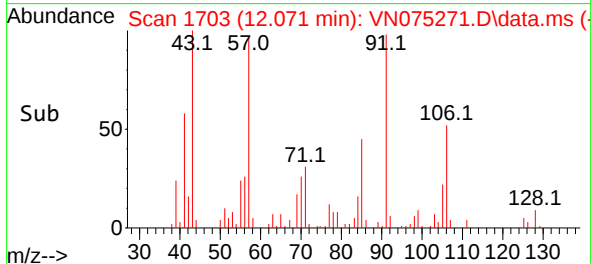
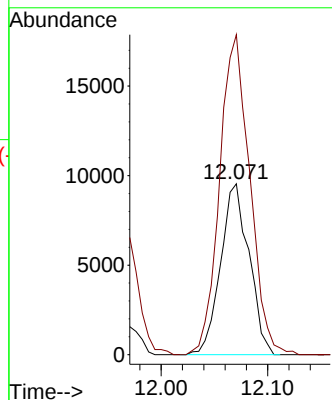
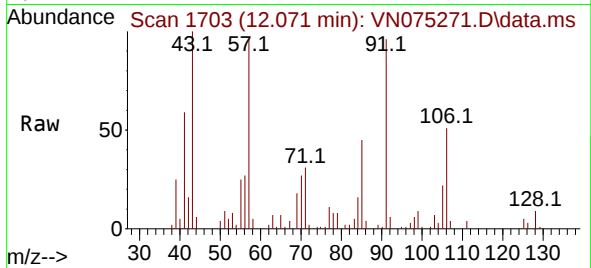




#68
m/p-Xylenes
Concen: 4.353 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

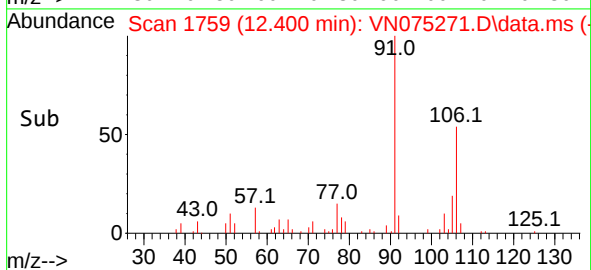
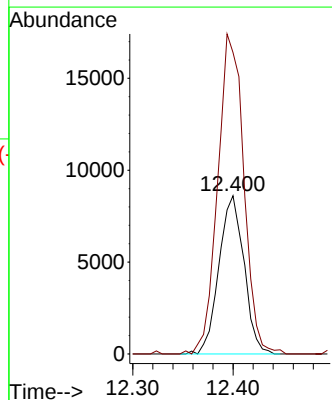
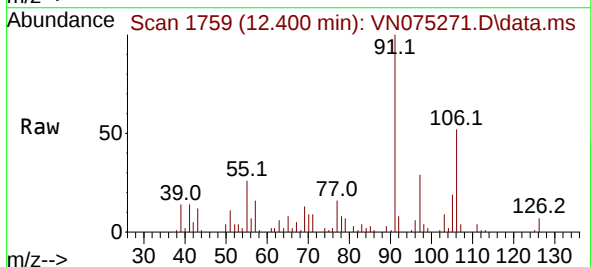
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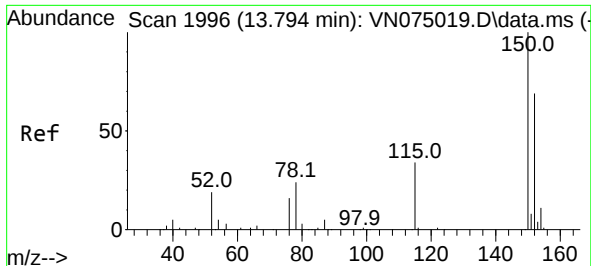
Tgt Ion:106 Resp: 17715
Ion Ratio Lower Upper
106 100
91 198.7 156.0 234.0



#69
o-Xylene
Concen: 3.701 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

Tgt Ion:106 Resp: 14898
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

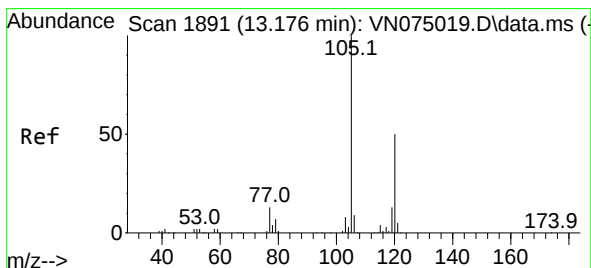
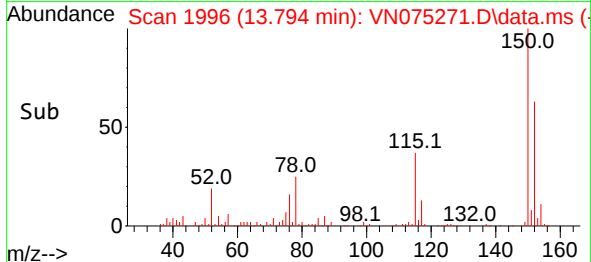
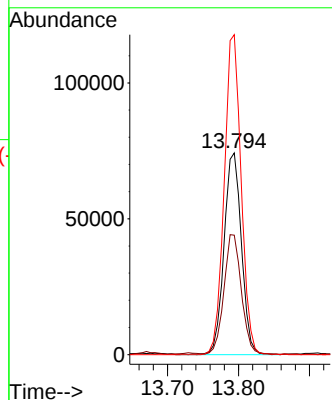
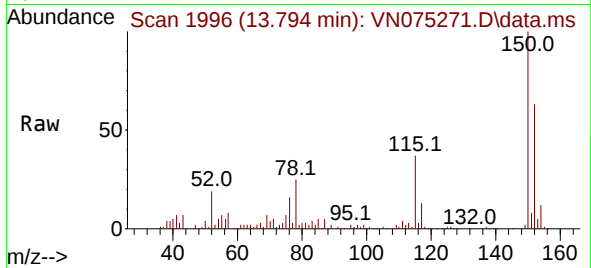




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075271.D
 Acq: 14 Nov 2022 17:38

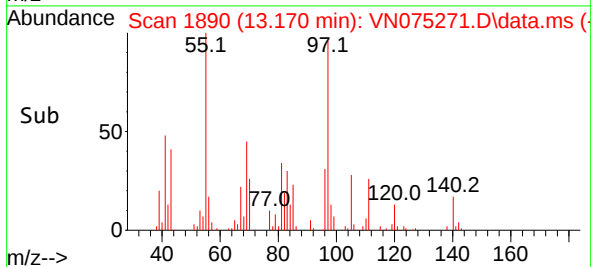
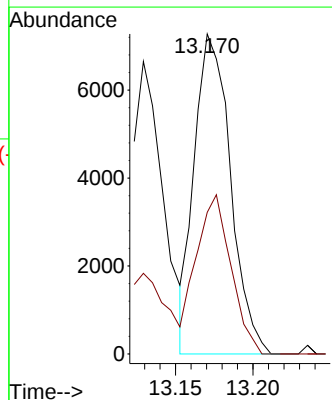
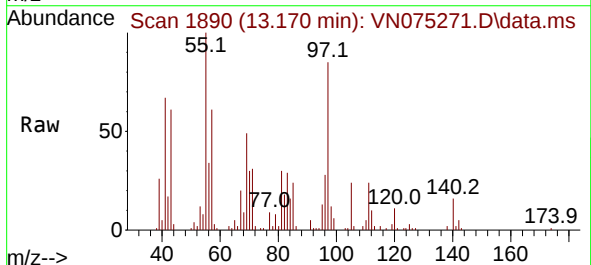
Instrument :
 MSVOA_N
 ClientSampleId :
 31604

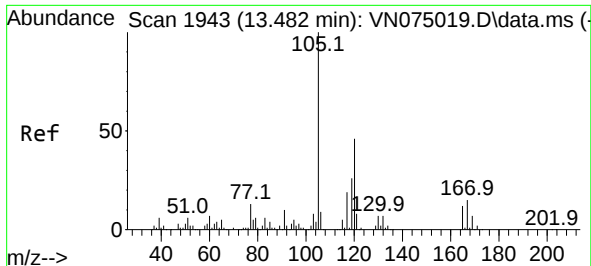
Tgt Ion:152 Resp: 126022
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.2 90.6
 150 154.3 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.384 ug/l
 RT: 13.170 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN075271.D
 Acq: 14 Nov 2022 17:38

Tgt Ion:105 Resp: 11764
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.7 74.1

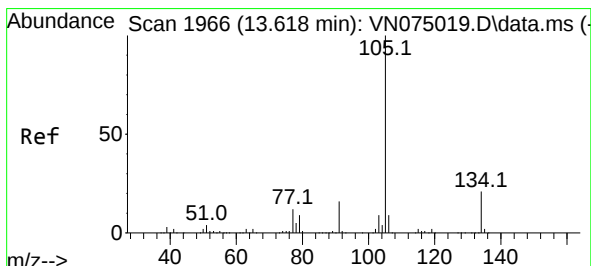
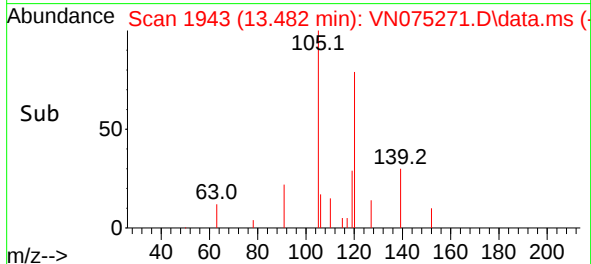
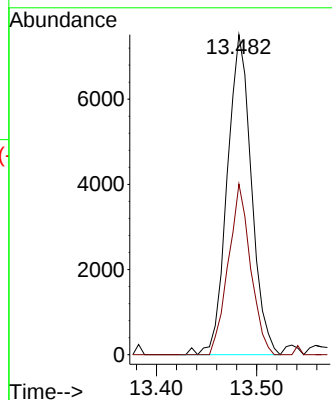
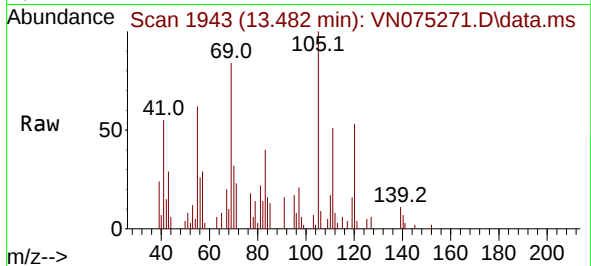




#84
1,2,4-Trimethylbenzene
Concen: 1.466 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

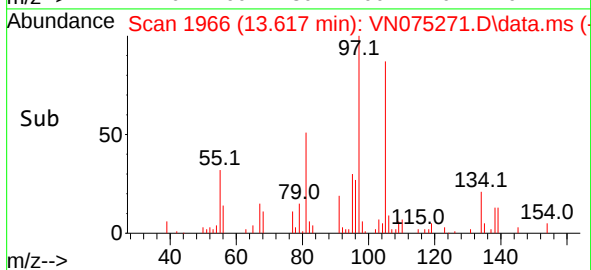
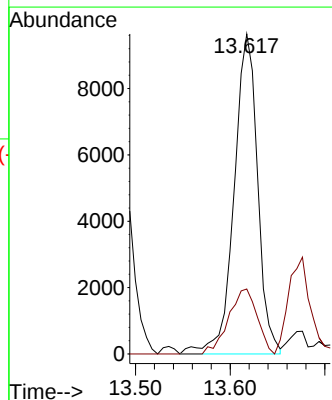
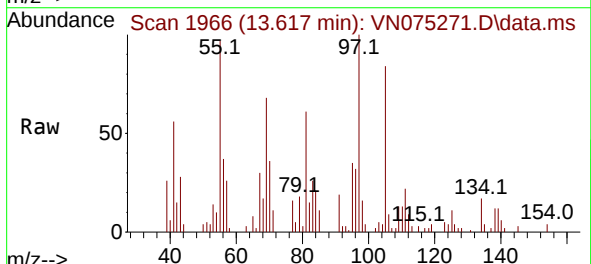
Instrument :
MSVOA_N
ClientSampleId :
31604

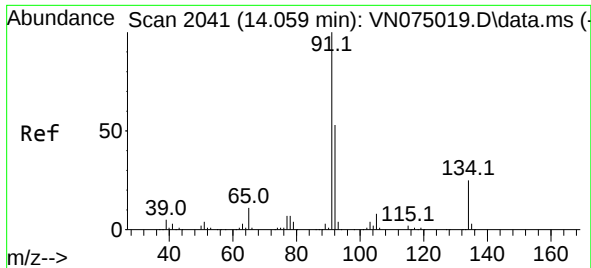
Tgt Ion:105 Resp: 12601
Ion Ratio Lower Upper
105 100
120 48.8 22.7 68.1



#85
sec-Butylbenzene
Concen: 1.575 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075271.D
Acq: 14 Nov 2022 17:38

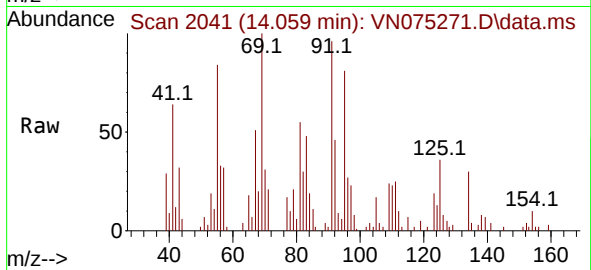
Tgt Ion:105 Resp: 16633
Ion Ratio Lower Upper
105 100
134 24.6 10.2 30.6





#89
 n-Butylbenzene
 Concen: 2.022 ug/l
 RT: 14.059 min Scan# 2041
 Delta R.T. -0.000 min
 Lab File: VN075271.D
 Acq: 14 Nov 2022 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 31604



Tgt Ion:	91	Resp:	14205
Ion	Ratio	Lower	Upper
91	100		
92	63.1	26.5	79.4
134	0.0	13.0	39.0#

