

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075884.D
 Acq On : 19 Dec 2022 20:22
 Operator : JC\MD
 Sample : N6096-02DL 5X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1DL

Quant Time: Dec 20 01:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

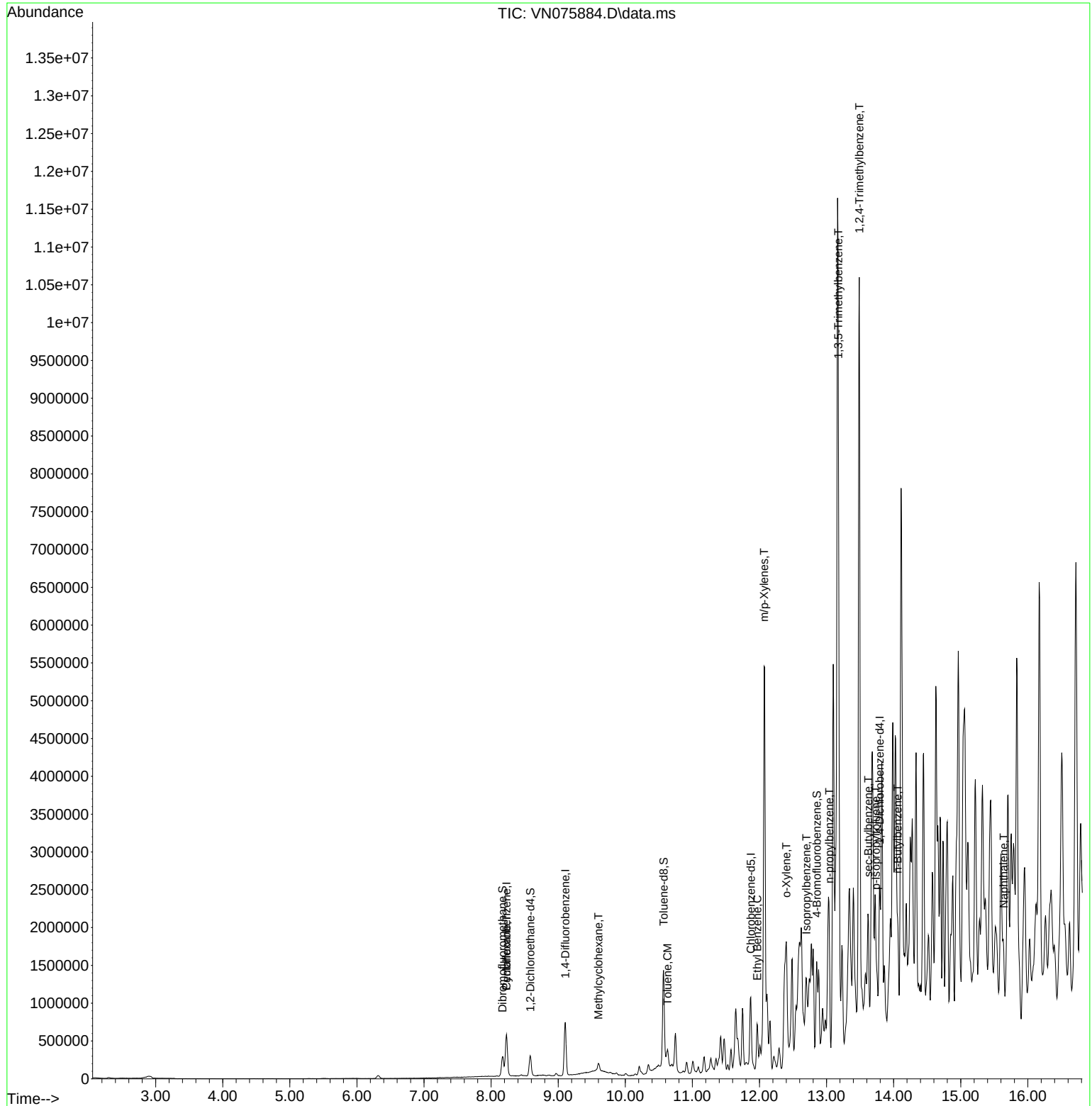
Internal Standards						
1) Pentafluorobenzene	8.230	168	416373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	600450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	315307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214373	47.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.660%		
35) Dibromofluoromethane	8.171	113	187903	46.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	10.571	98	771210	51.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.853	95	321411	64.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	129.340%#		
Target Compounds						Qvalue
31) Cyclohexane	8.230	56	13725	2.116	ug/l #	36
39) Methylcyclohexane	9.600	83	50545	7.859	ug/l	96
52) Toluene	10.629	92	88116	8.226	ug/l	93
67) Ethyl Benzene	11.965	91	408226	19.626	ug/l	98
68) m/p-Xylenes	12.071	106	673996	81.869	ug/l	98
69) o-Xylene	12.400	106	329355	40.426	ug/l	97
73) Isopropylbenzene	12.700	105	282563	12.401	ug/l	100
78) n-propylbenzene	13.041	91	954232	37.970	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1782159	93.452	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	5729778	302.867	ug/l	99
85) sec-Butylbenzene	13.623	105	744645	32.087	ug/l	82
86) p-Isopropyltoluene	13.735	119	425039	22.011	ug/l	98
89) n-Butylbenzene	14.059	91	656413	41.960	ug/l #	76
95) Naphthalene	15.641	128	257337	16.521	ug/l #	90

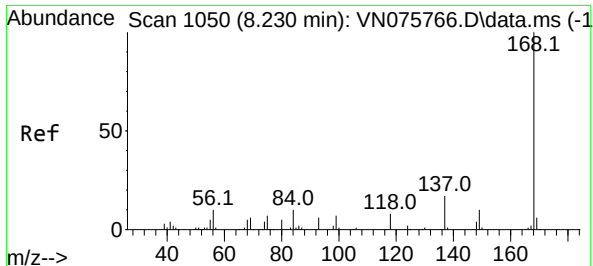
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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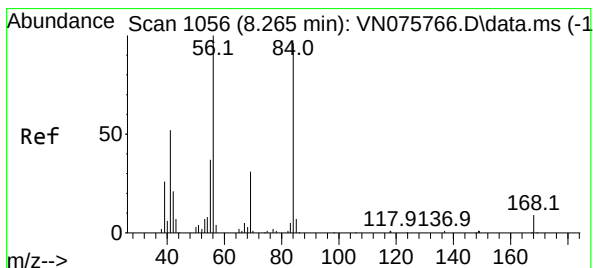
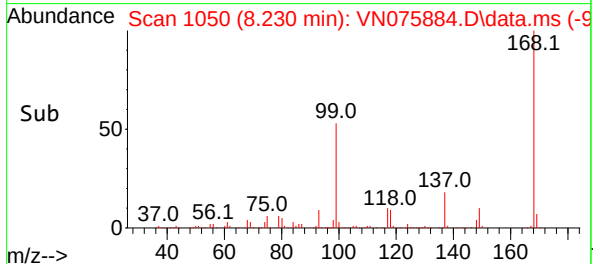
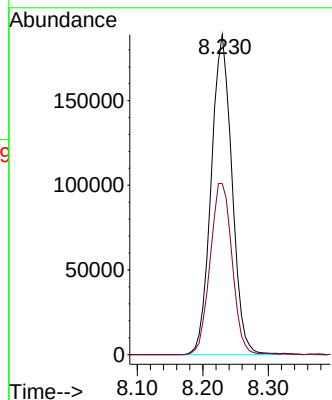
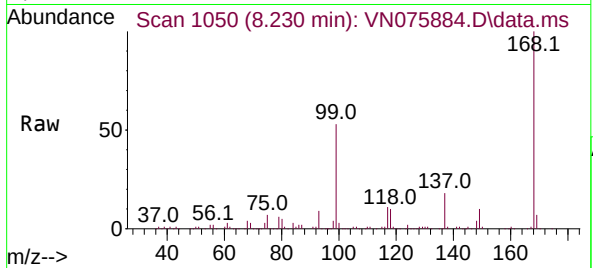




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

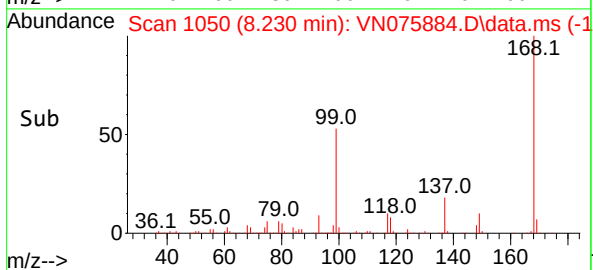
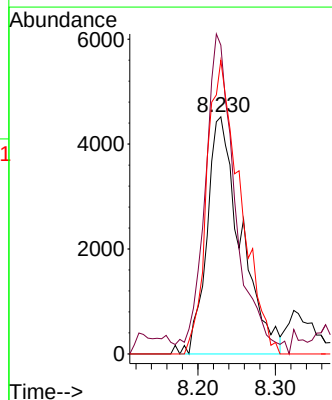
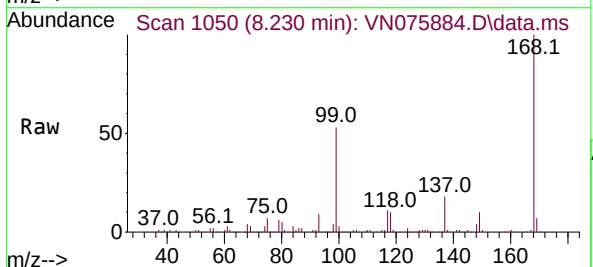
Instrument :
MSVOA_N
ClientSampleId :
COMP-1DL

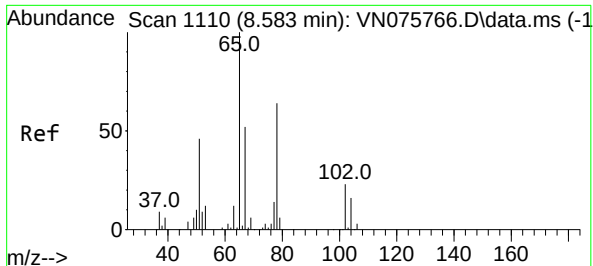
Tgt Ion:168 Resp: 416373
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#31
Cyclohexane
Concen: 2.116 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion: 56 Resp: 13725
Ion Ratio Lower Upper
56 100
69 126.2 24.7 37.1#
84 123.9 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.326 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

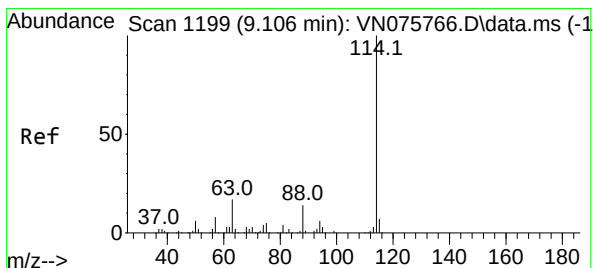
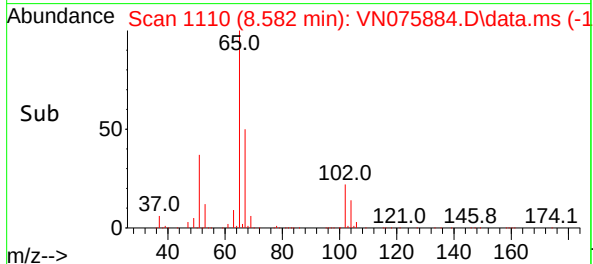
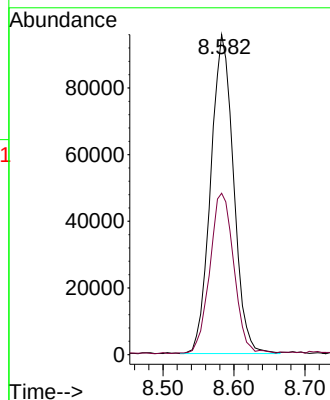
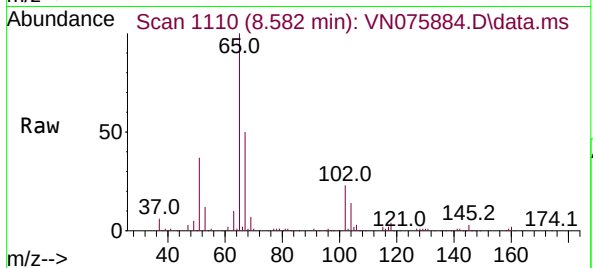
COMP-1DL

Tgt Ion: 65 Resp: 214373

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

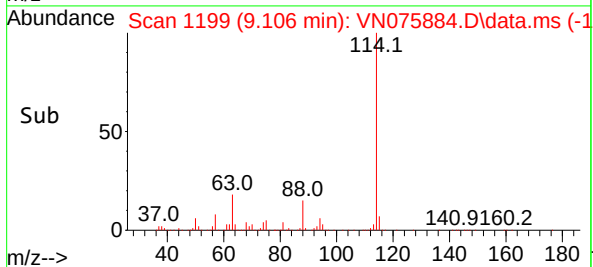
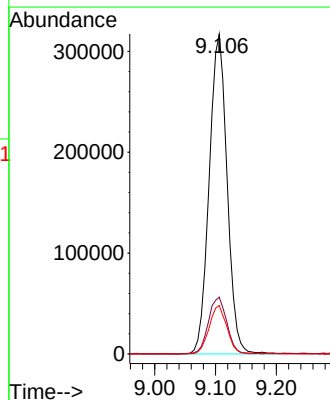
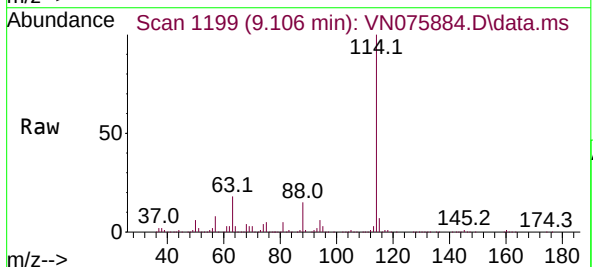
Tgt Ion: 114 Resp: 648026

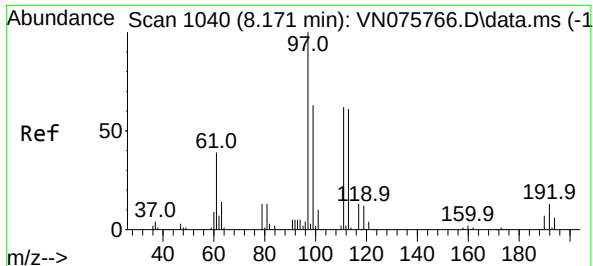
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

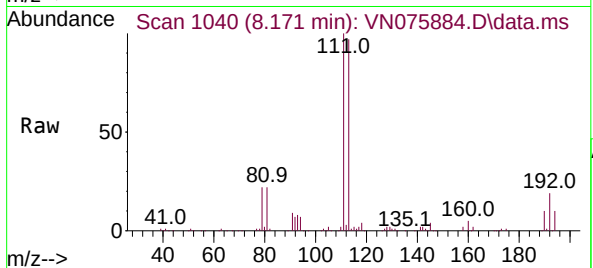
88 15.1 0.0 28.8



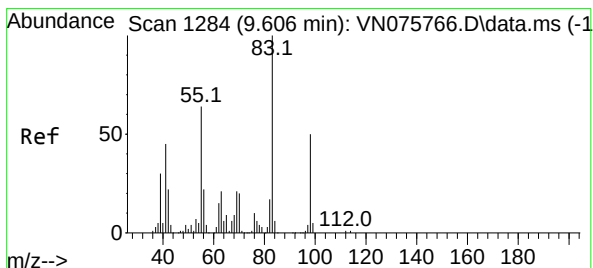
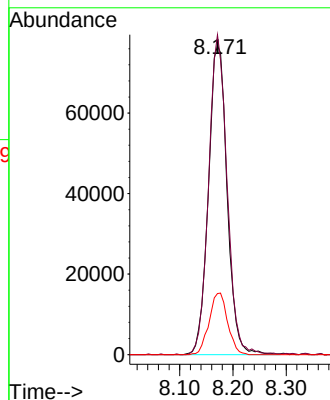
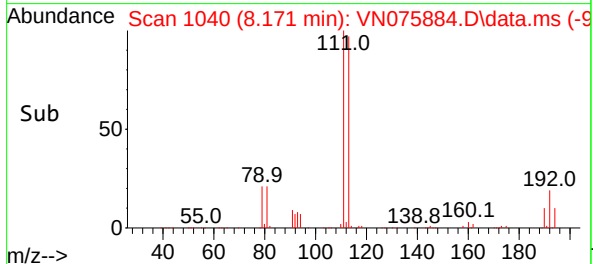


#35
Dibromofluoromethane
Concen: 46.822 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-1DL

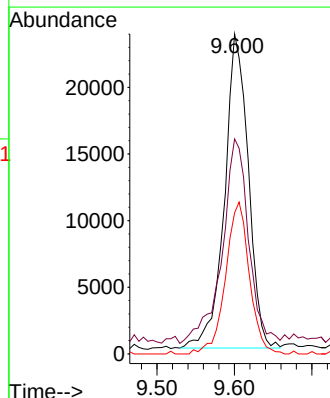
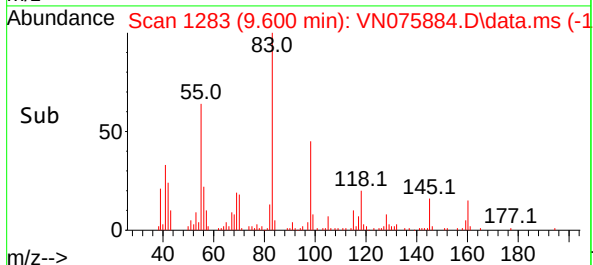
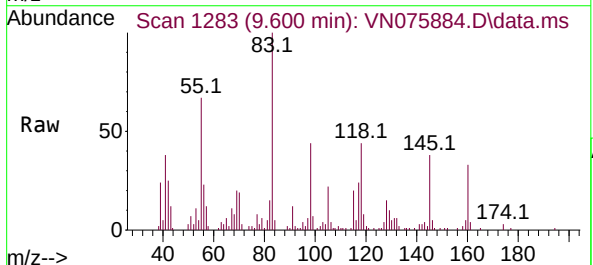


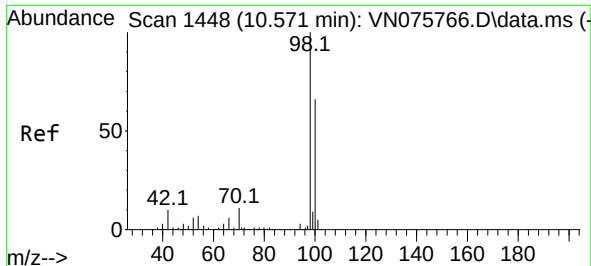
Tgt Ion:113 Resp: 187903
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 19.6 16.1 24.1



#39
Methylcyclohexane
Concen: 7.859 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion: 83 Resp: 50545
Ion Ratio Lower Upper
83 100
55 65.1 51.4 77.0
98 44.9 39.8 59.8

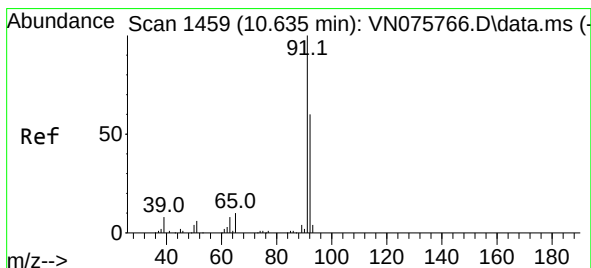
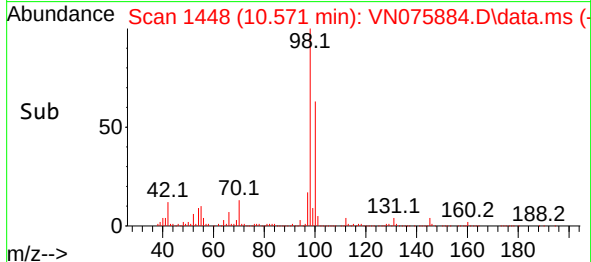
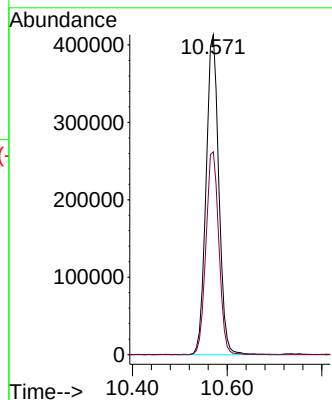
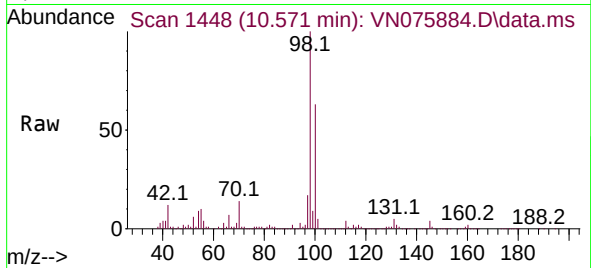




#50
Toluene-d8
Concen: 51.398 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

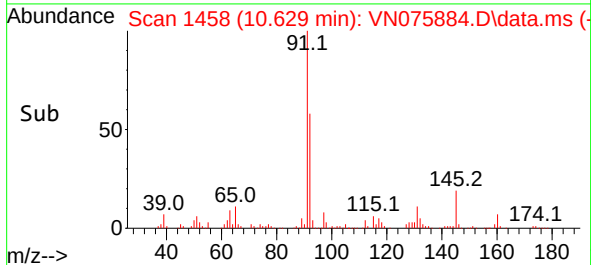
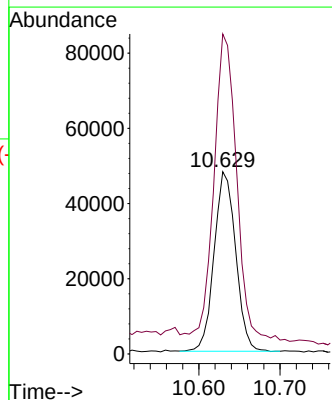
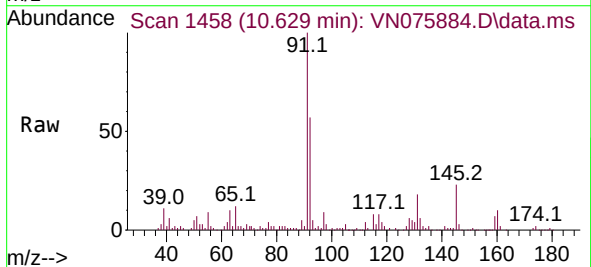
Instrument :
MSVOA_N
ClientSampleId :
COMP-1DL

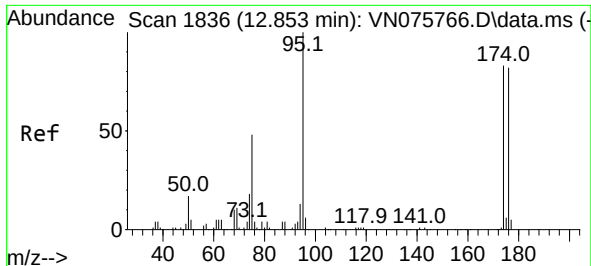
Tgt Ion: 98 Resp: 771210
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#52
Toluene
Concen: 8.226 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion: 92 Resp: 88116
Ion Ratio Lower Upper
92 100
91 181.0 137.3 205.9

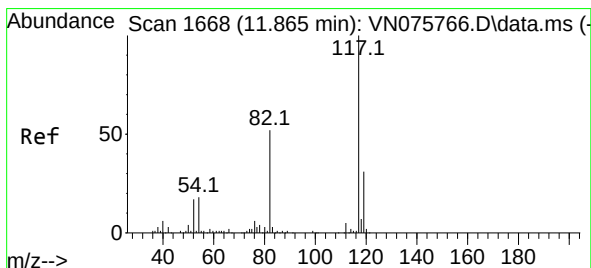
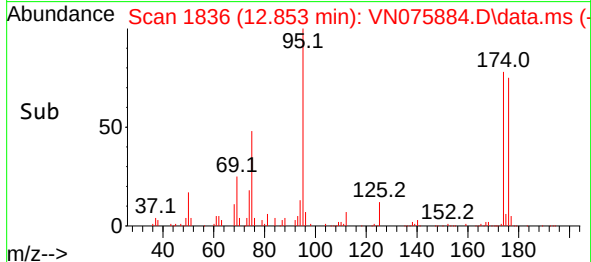
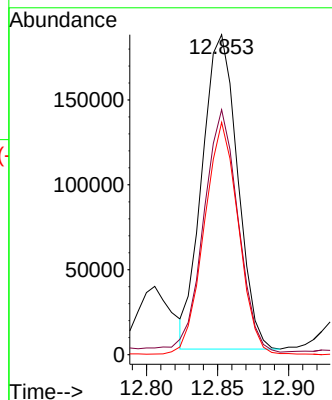
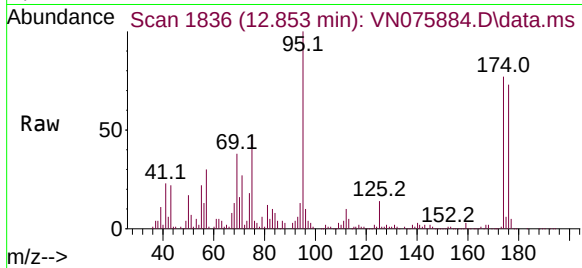




#62
4-Bromofluorobenzene
Concen: 64.674 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

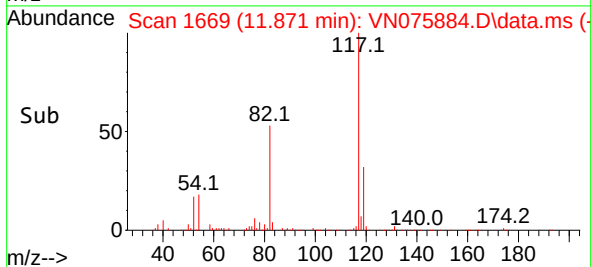
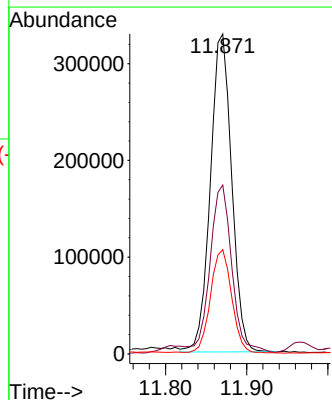
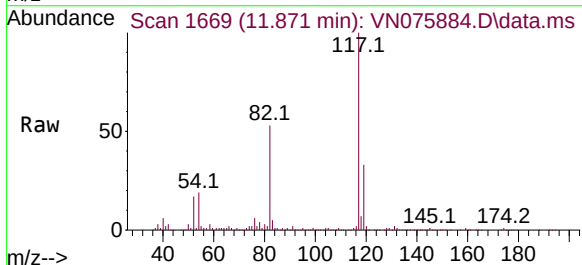
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ClientSampleId :
COMP-1DL

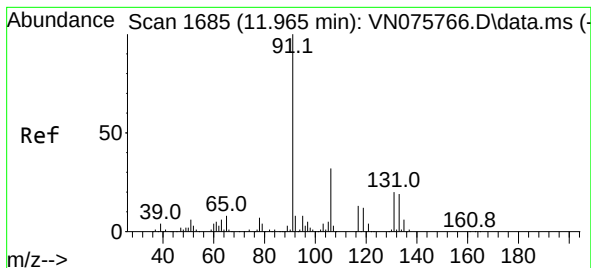
Tgt Ion: 95 Resp: 321411
Ion Ratio Lower Upper
95 100
174 74.4 0.0 171.6
176 71.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion: 117 Resp: 600450
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.5 24.6 37.0





#67

Ethyl Benzene

Concen: 19.626 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

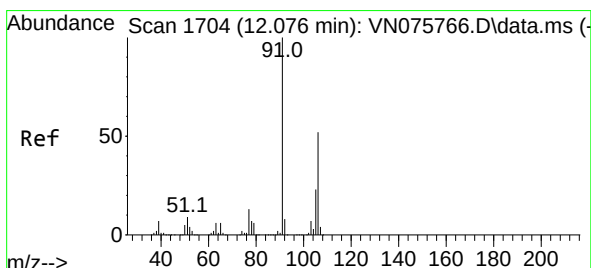
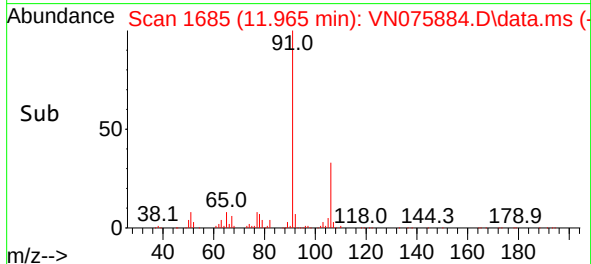
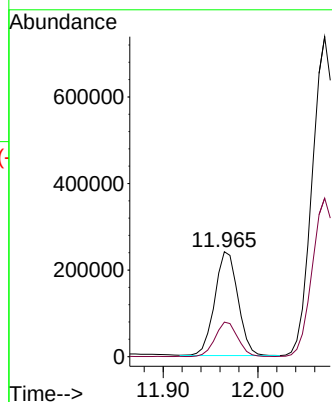
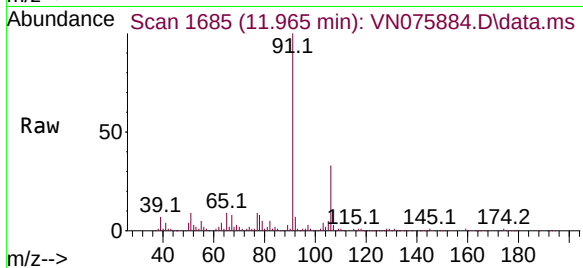
COMP-1DL

Tgt Ion: 91 Resp: 408226

Ion Ratio Lower Upper

91 100

106 33.0 25.7 38.5



#68

m/p-Xylenes

Concen: 81.869 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075884.D

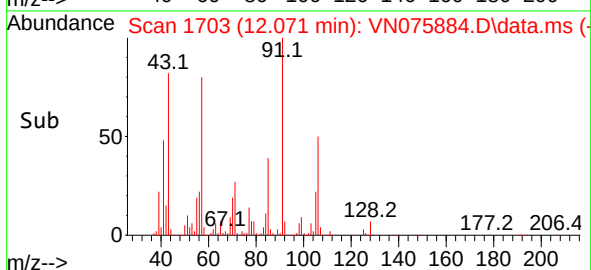
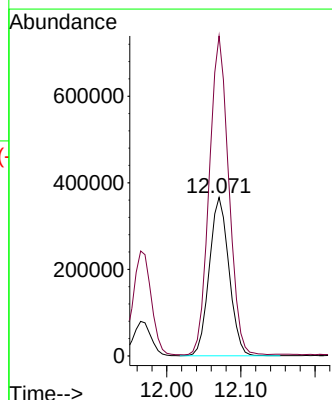
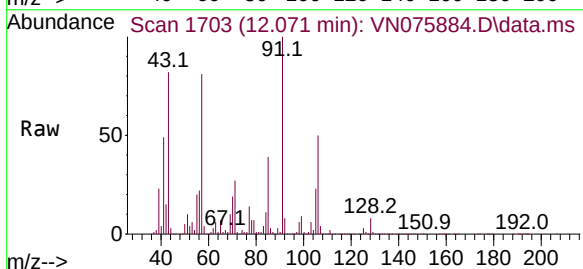
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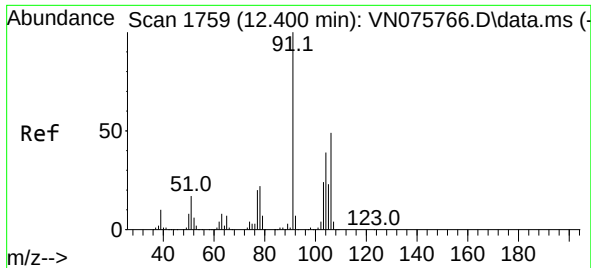
Tgt Ion:106 Resp: 673996

Ion Ratio Lower Upper

106 100

91 199.5 156.6 235.0

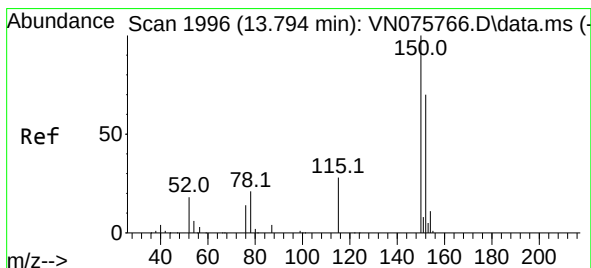
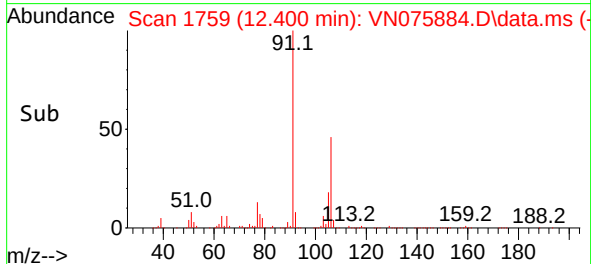
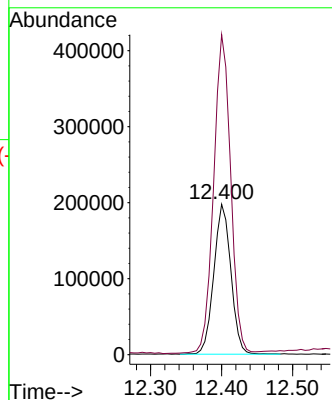
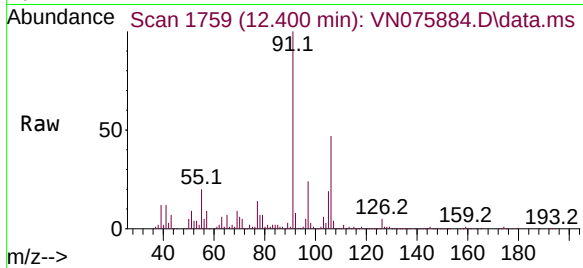




#69
o-Xylene
Concen: 40.426 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

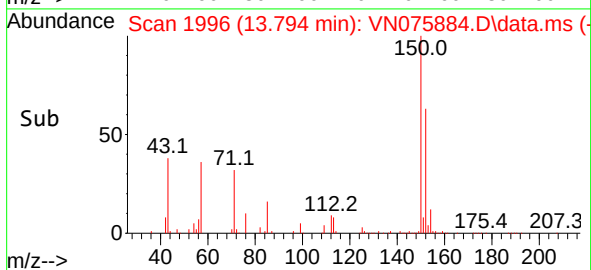
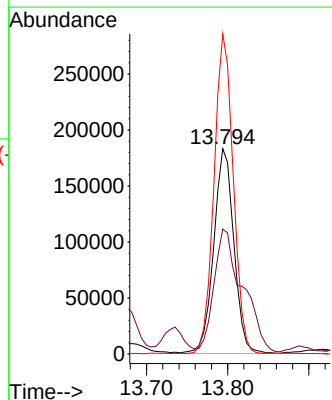
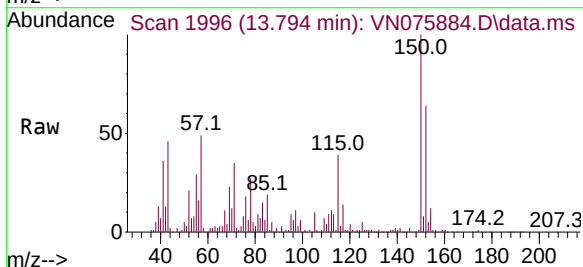
Instrument :
MSVOA_N
ClientSampleId :
COMP-1DL

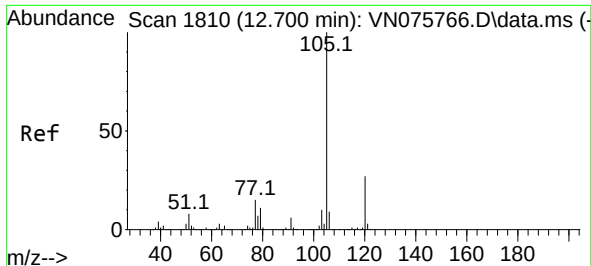
Tgt Ion:106 Resp: 329355
Ion Ratio Lower Upper
106 100
91 212.7 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion:152 Resp: 315307
Ion Ratio Lower Upper
152 100
115 84.2 29.1 87.4
150 149.0 0.0 347.0

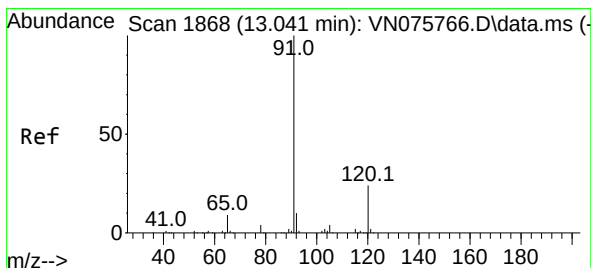
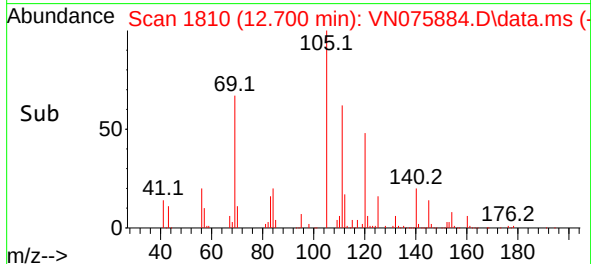
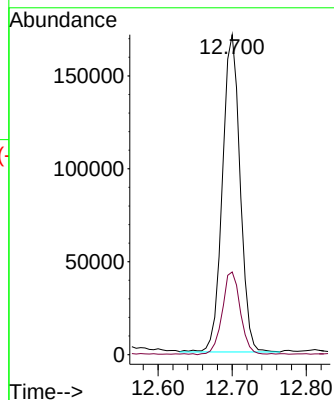
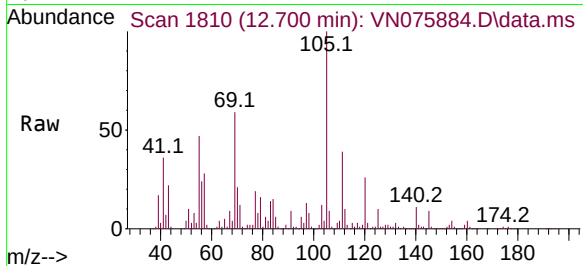




#73
Isopropylbenzene
Concen: 12.401 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

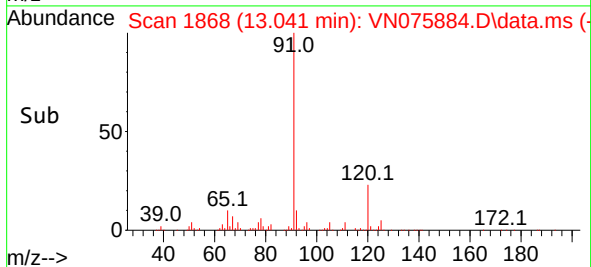
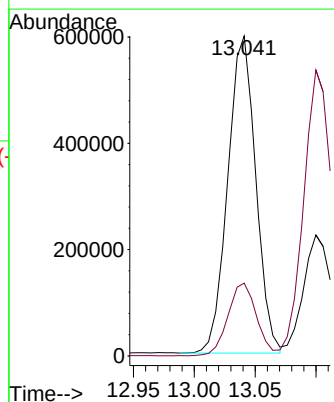
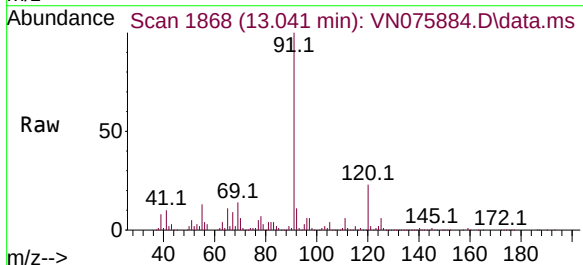
Instrument :
MSVOA_N
ClientSampleId :
COMP-1DL

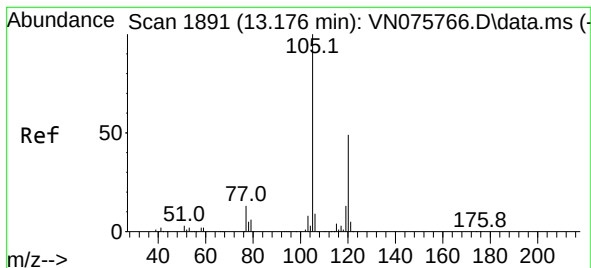
Tgt Ion:105 Resp: 282563
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#78
n-propylbenzene
Concen: 37.970 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075884.D
Acq: 19 Dec 2022 20:22

Tgt Ion: 91 Resp: 954232
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1





#80

1,3,5-Trimethylbenzene

Concen: 93.452 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

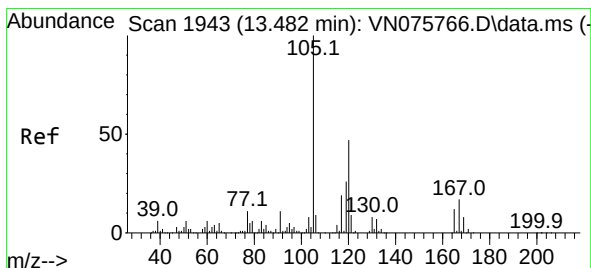
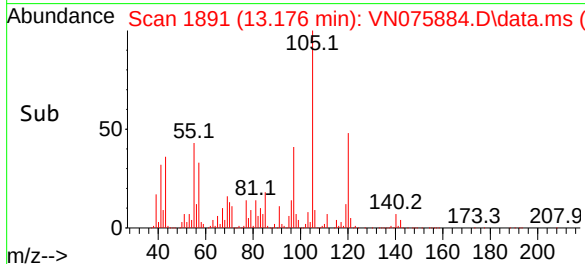
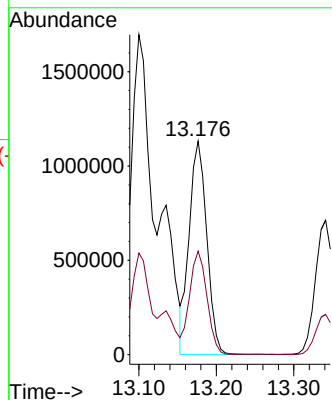
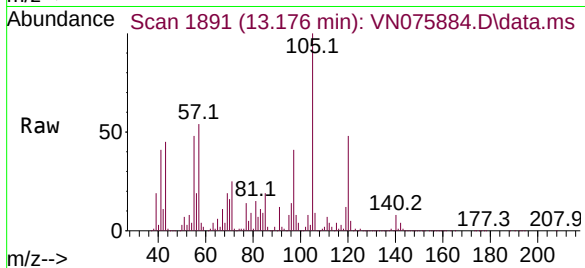
COMP-1DL

Tgt Ion:105 Resp: 1782159

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 302.867 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075884.D

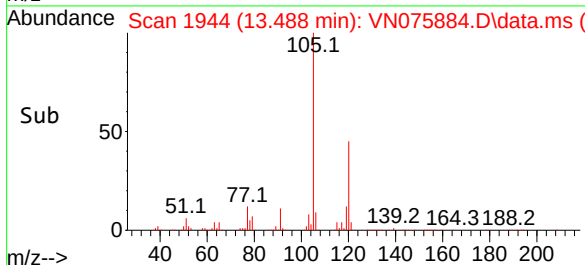
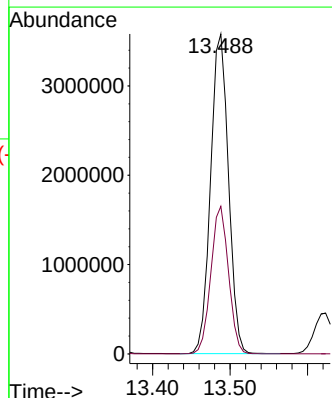
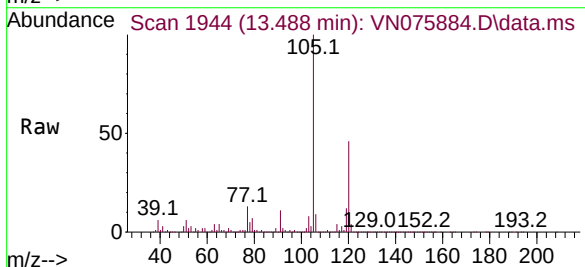
Acq: 19 Dec 2022 20:22

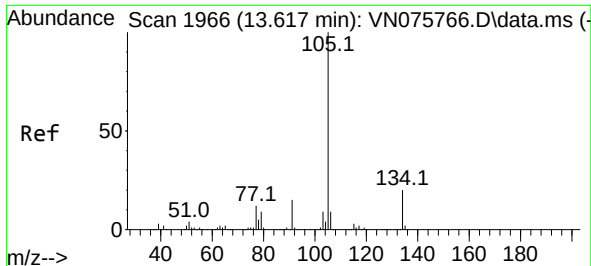
Tgt Ion:105 Resp: 5729778

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8

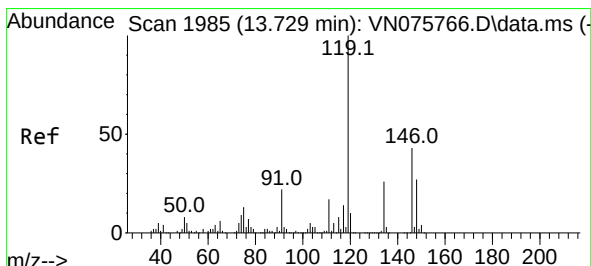
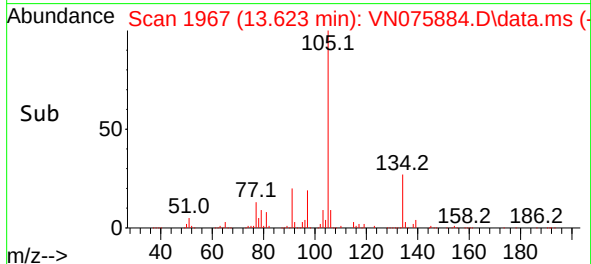
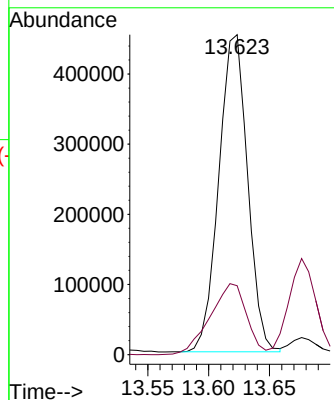
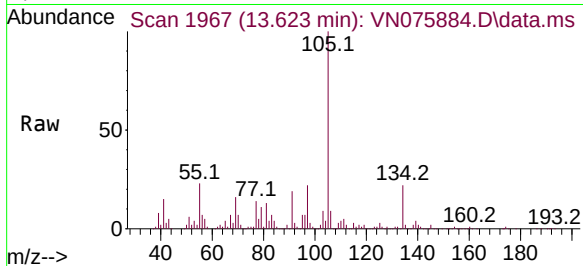




#85
 sec-Butylbenzene
 Concen: 32.087 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN075884.D
 Acq: 19 Dec 2022 20:22

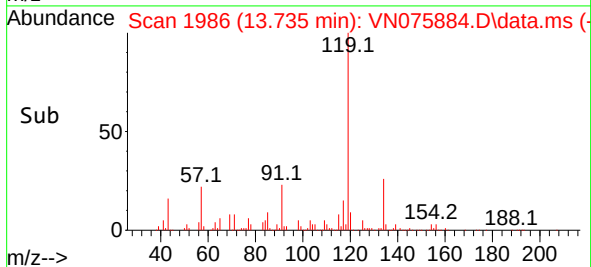
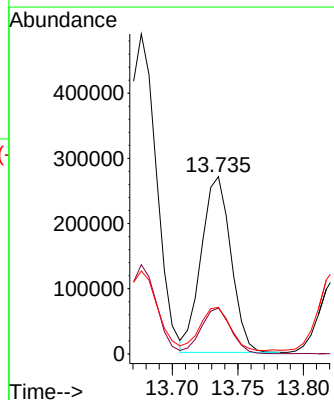
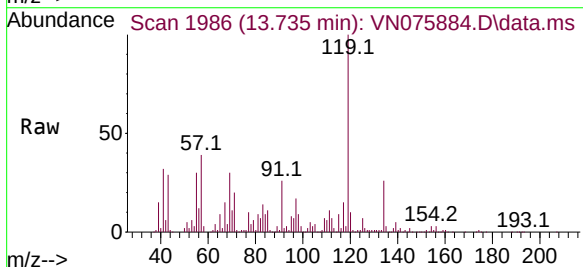
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1DL

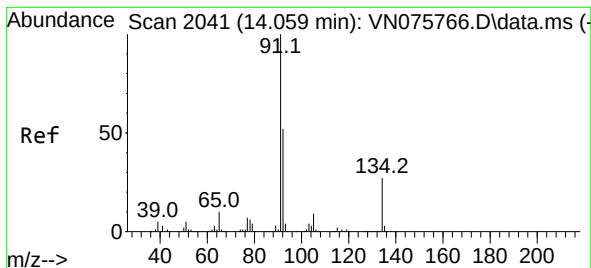
Tgt Ion:105 Resp: 744645
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.011 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075884.D
 Acq: 19 Dec 2022 20:22

Tgt Ion:119 Resp: 425039
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.8 11.2 33.6





#89

n-Butylbenzene

Concen: 41.960 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

COMP-1DL

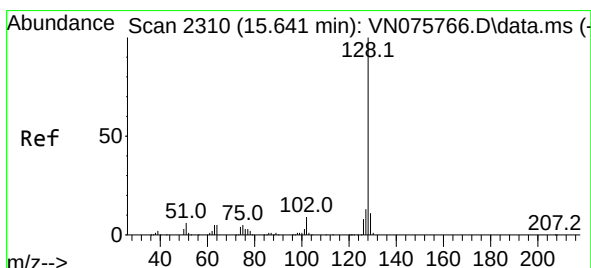
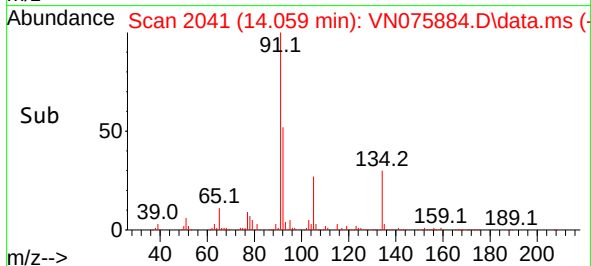
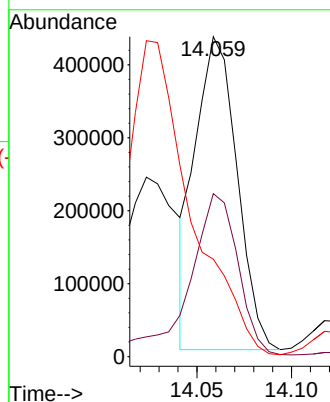
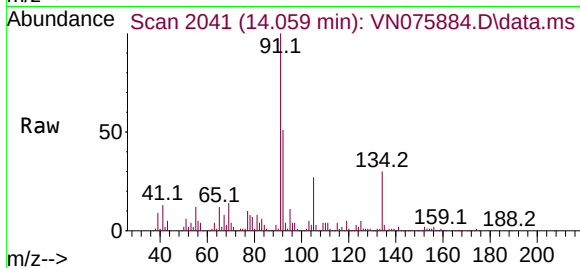
Tgt Ion: 91 Resp: 656413

Ion Ratio Lower Upper

91 100

92 59.2 26.4 79.2

134 0.0 13.4 40.2#



#95

Naphthalene

Concen: 16.521 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075884.D

Acq: 19 Dec 2022 20:22

Tgt Ion:128 Resp: 257337

Ion Ratio Lower Upper

128 100

127 9.5 10.4 15.6#

129 6.4 8.7 13.1#

