

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075874.D
 Acq On : 19 Dec 2022 16:22
 Operator : JC\MD
 Sample : N6096-02 100X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Dec 20 01:30:19 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)

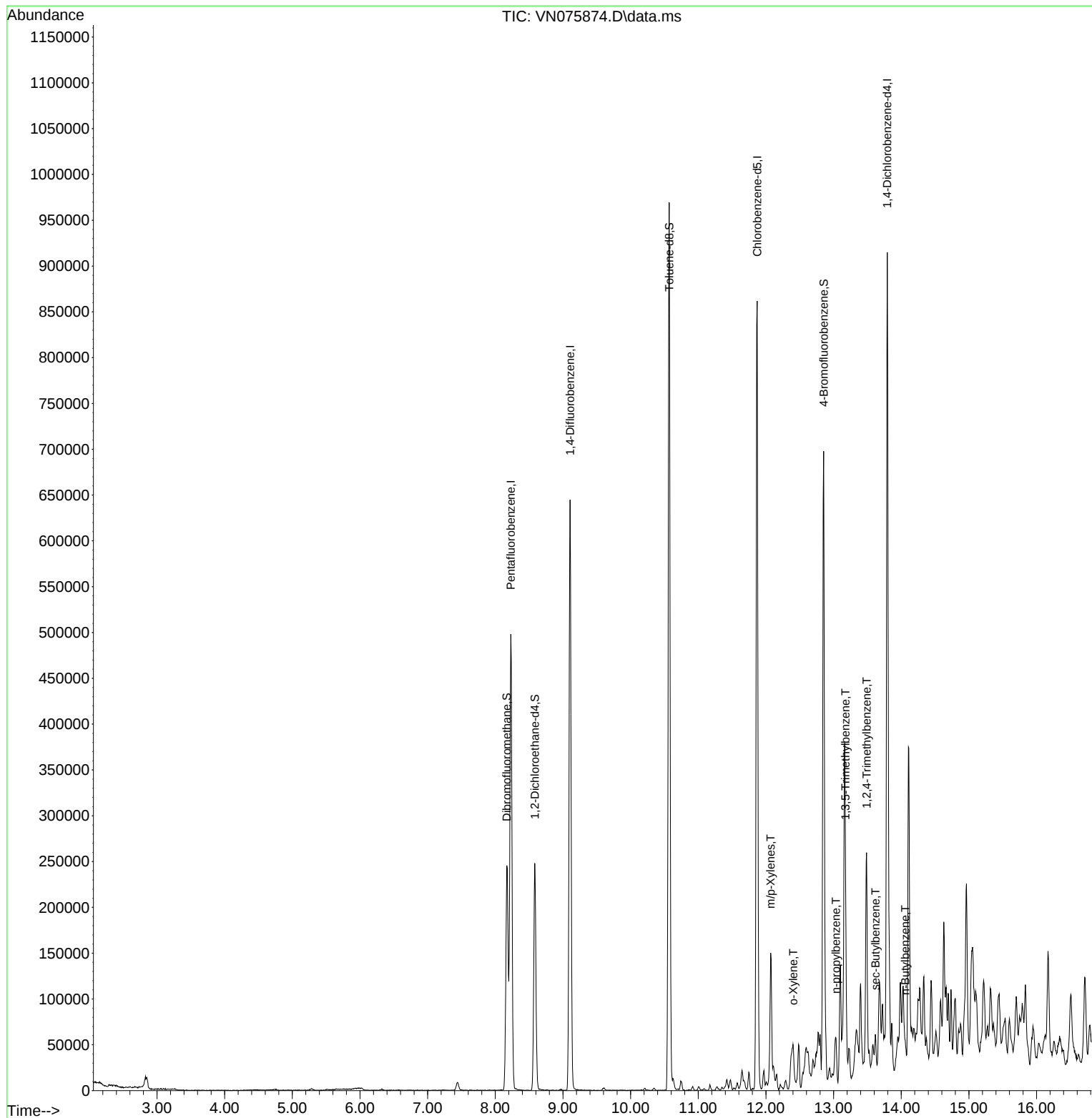
Internal Standards						
1) Pentafluorobenzene	8.230	168	385398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	528988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194135	46.302	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	92.600%	
35) Dibromofluoromethane	8.171	113	175910	47.262	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.520%	
50) Toluene-d8	10.571	98	697780	50.141	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.280%	
62) 4-Bromofluorobenzene	12.853	95	231595	50.246	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.500%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.071	106	21097	2.909	ug/l	98
69) o-Xylene	12.406	106	10036	1.398	ug/l	98
78) n-propylbenzene	13.035	91	24394	1.276	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	43485	2.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	143828	9.990	ug/l	99
85) sec-Butylbenzene	13.618	105	19014	1.077	ug/l #	77
89) n-Butylbenzene	14.059	91	14653	1.231	ug/l #	72

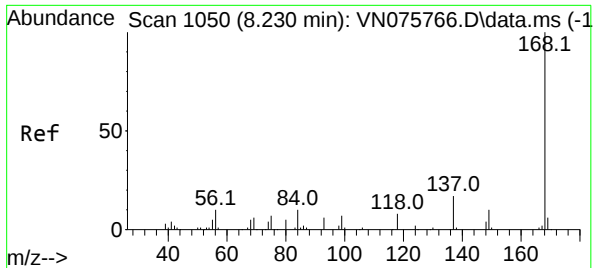
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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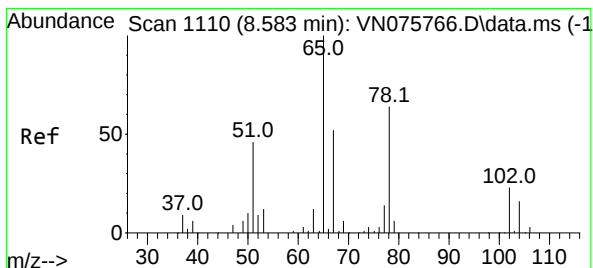
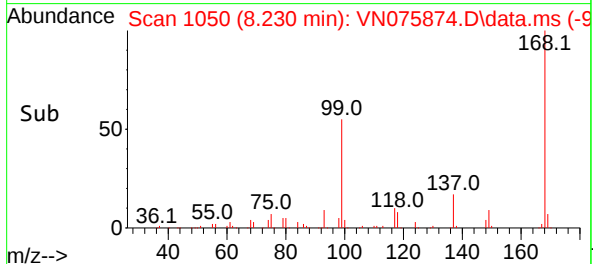
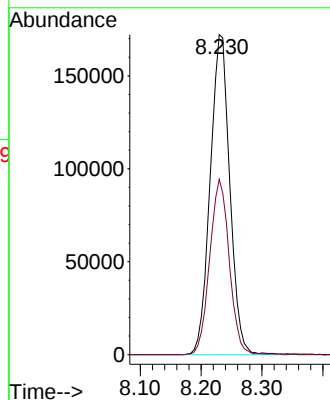
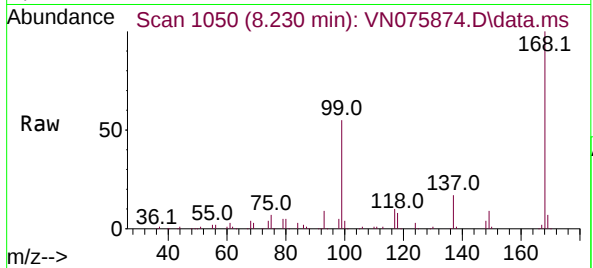




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

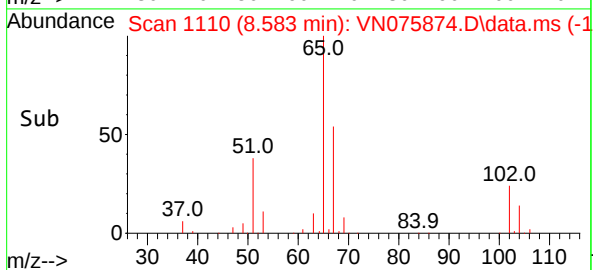
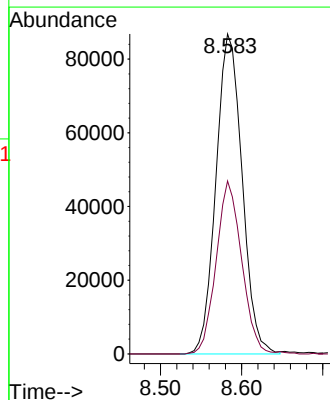
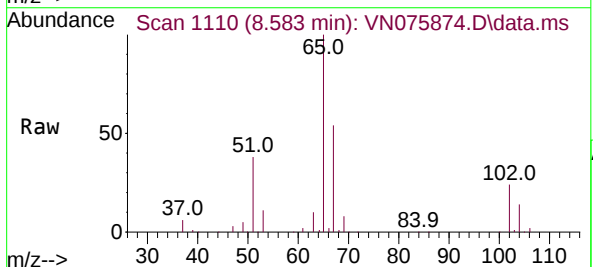
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

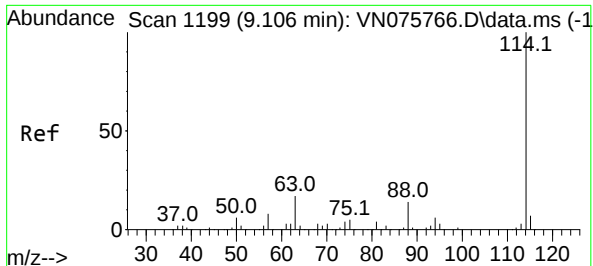
Tgt Ion:168 Resp: 385398
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.302 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion: 65 Resp: 194135
Ion Ratio Lower Upper
65 100
67 52.8 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: VN075874.D

Acq: 19 Dec 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

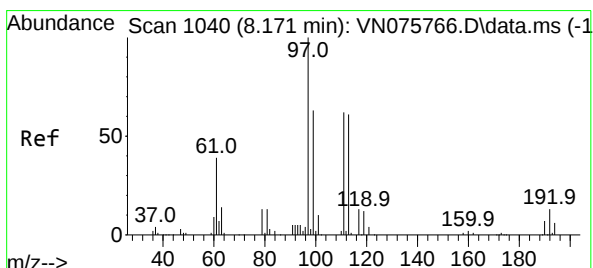
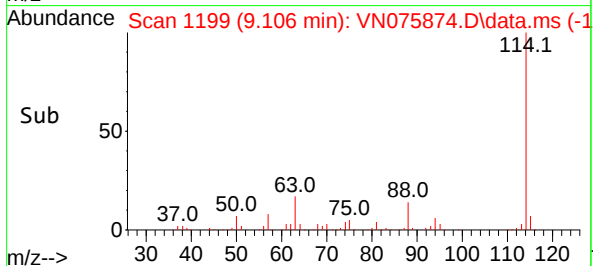
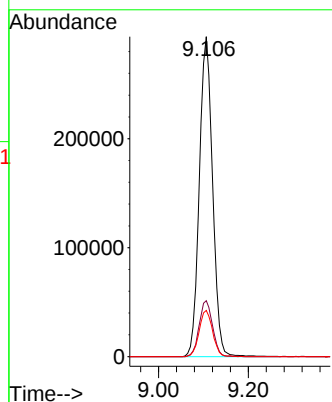
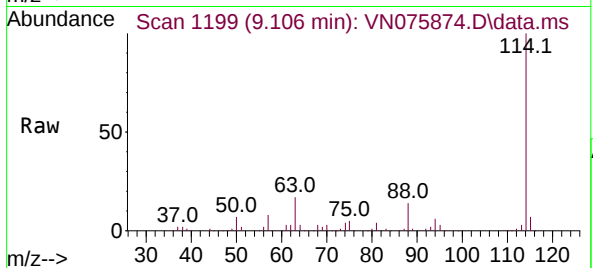
Tgt Ion:114 Resp: 601020

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.262 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075874.D

Acq: 19 Dec 2022 16:22

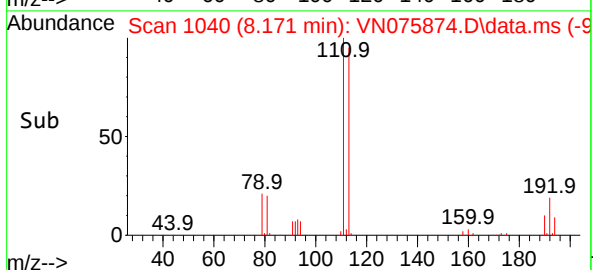
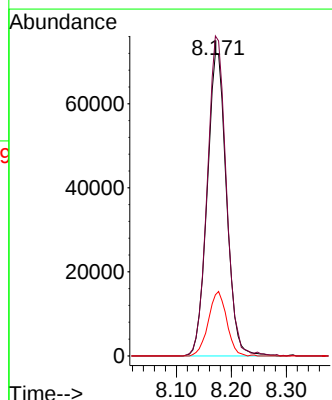
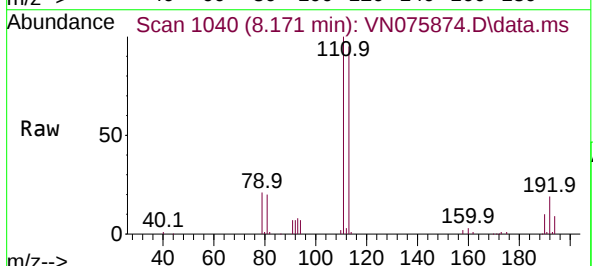
Tgt Ion:113 Resp: 175910

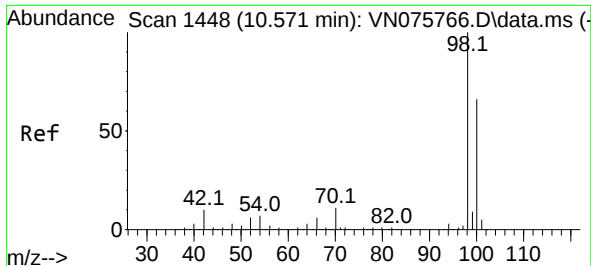
Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 20.1 16.1 24.1

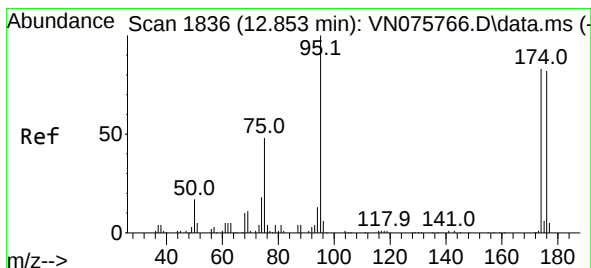
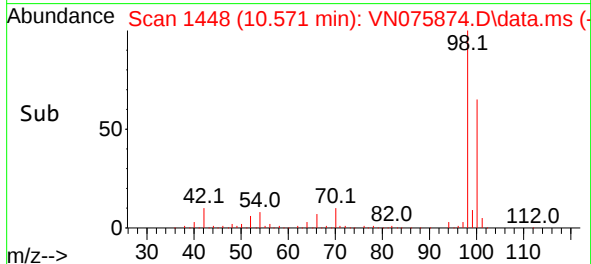
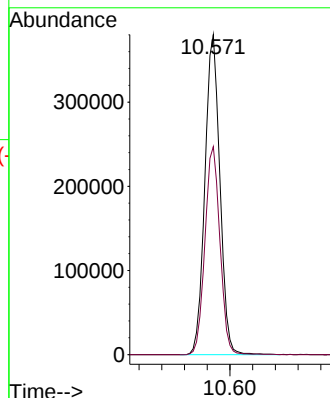
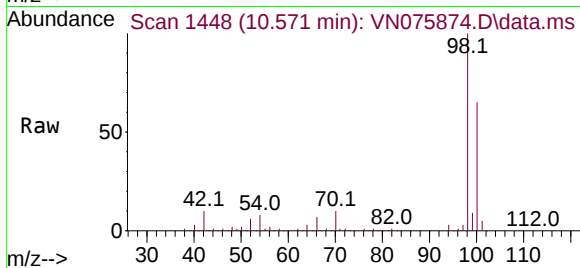




#50
Toluene-d8
Concen: 50.141 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

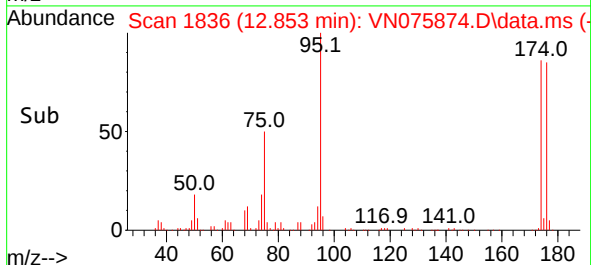
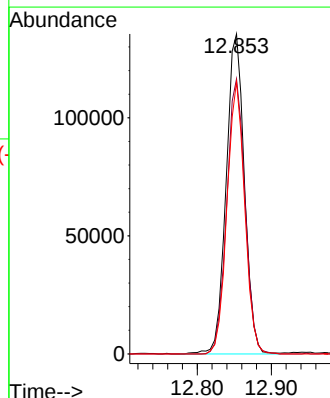
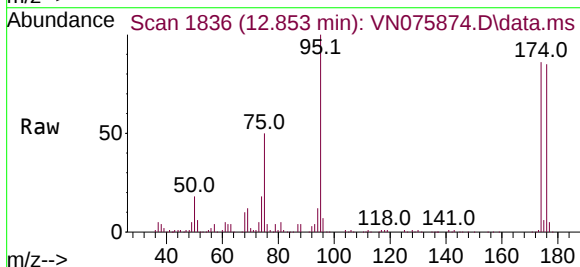
Instrument :
MSVOA_N
ClientSampleId :
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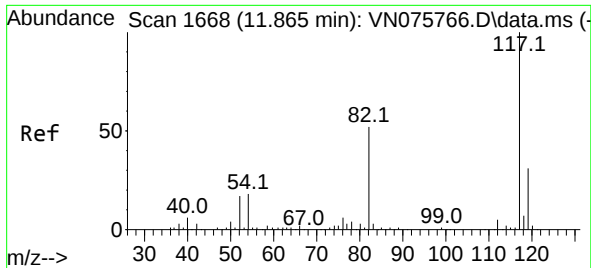
Tgt Ion: 98 Resp: 697780
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.246 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion: 95 Resp: 231595
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 82.0 0.0 169.2

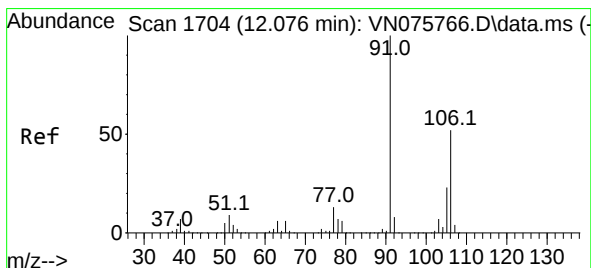
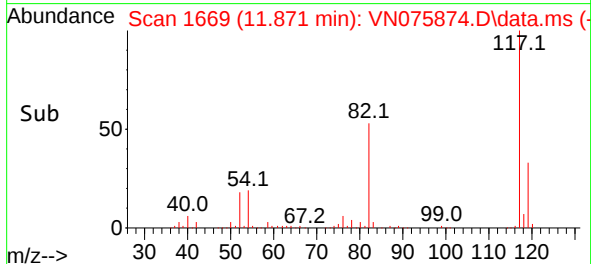
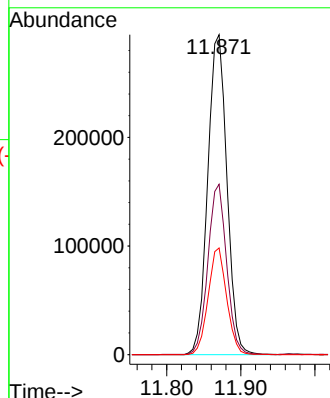
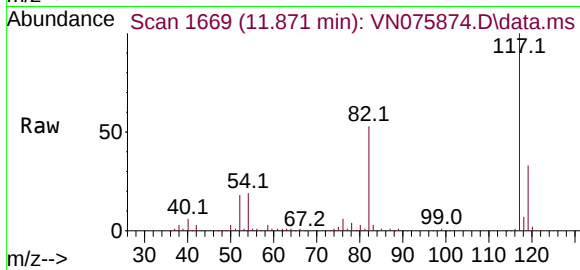




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

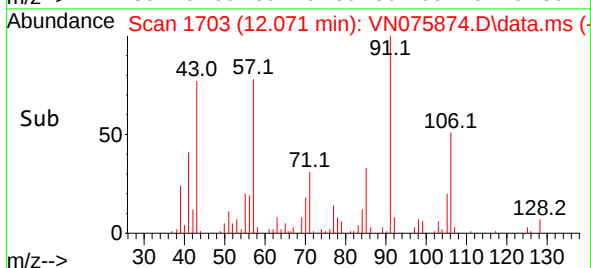
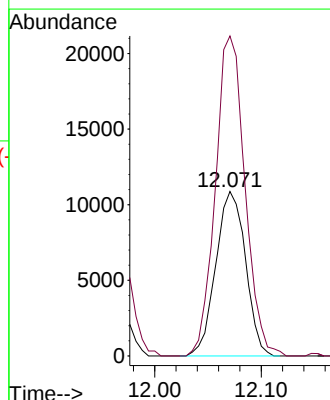
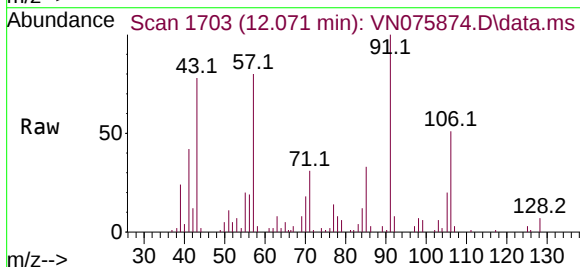
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

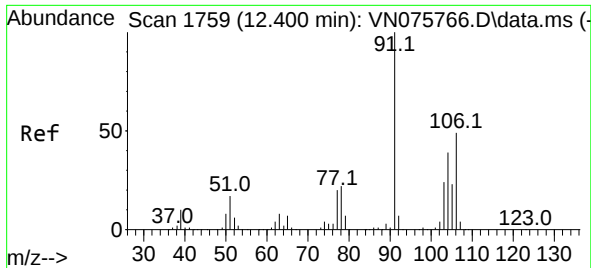
Tgt Ion:117 Resp: 528988
Ion Ratio Lower Upper
117 100
82 53.2 41.3 61.9
119 33.3 24.6 37.0



#68
m/p-Xylenes
Concen: 2.909 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion:106 Resp: 21097
Ion Ratio Lower Upper
106 100
91 193.5 156.6 235.0

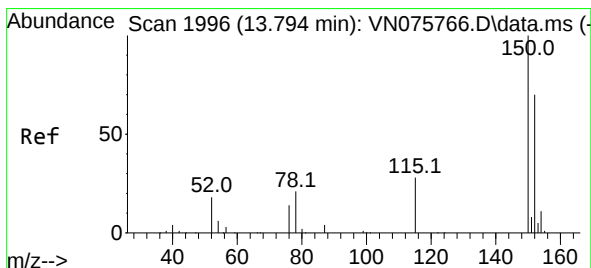
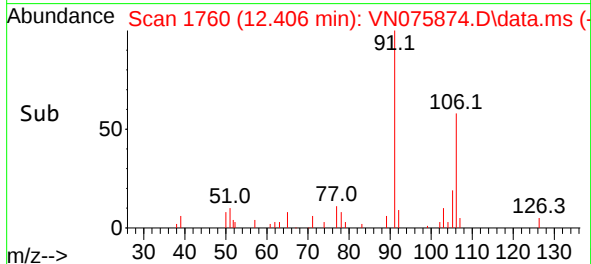
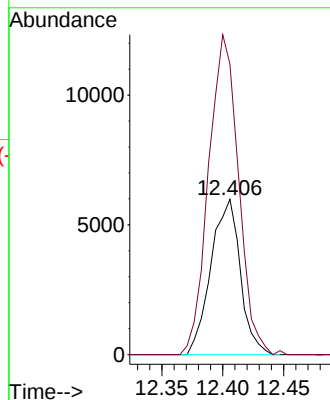
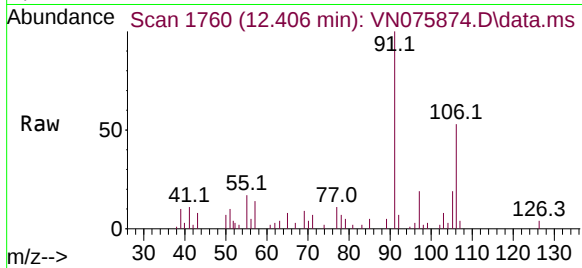




#69
o-Xylene
Concen: 1.398 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

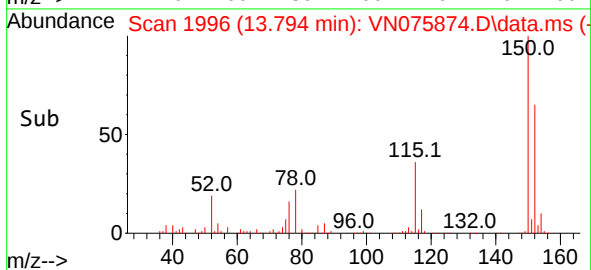
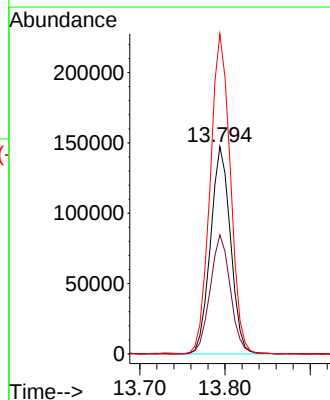
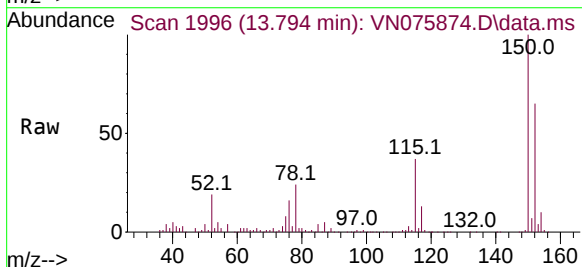
Instrument :
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ClientSampleId :
COMP-1

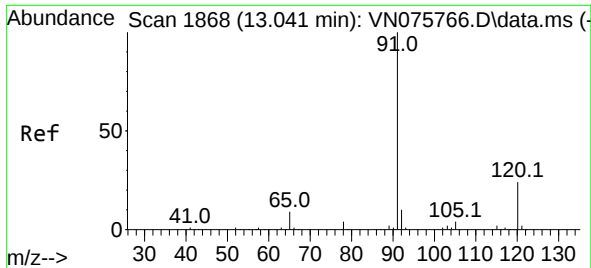
Tgt Ion:106 Resp: 10036
Ion Ratio Lower Upper
106 100
91 210.4 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion:152 Resp: 239952
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 156.1 0.0 347.0

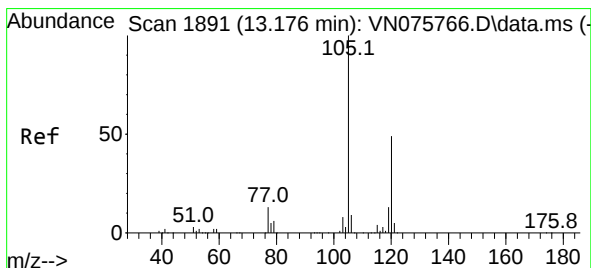
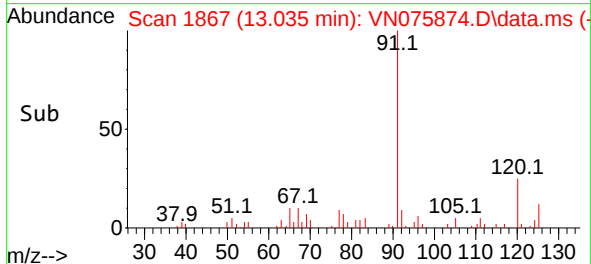
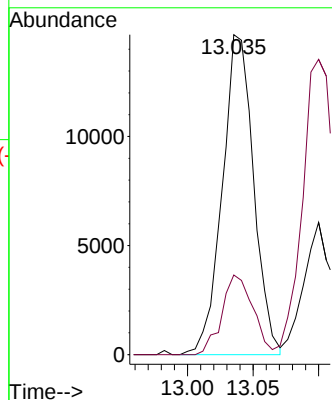
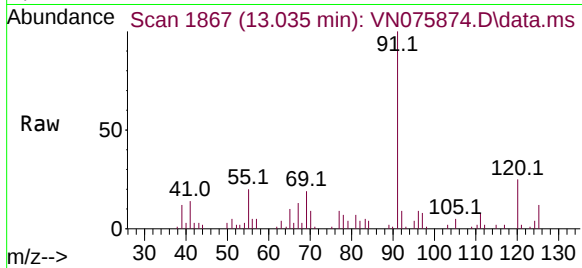




#78
n-propylbenzene
Concen: 1.276 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

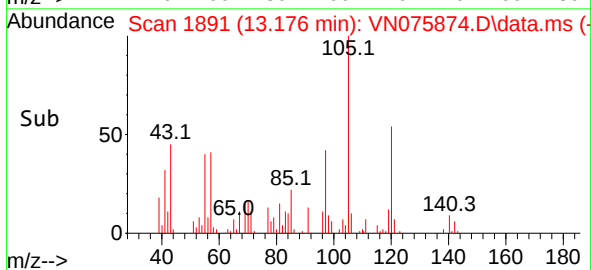
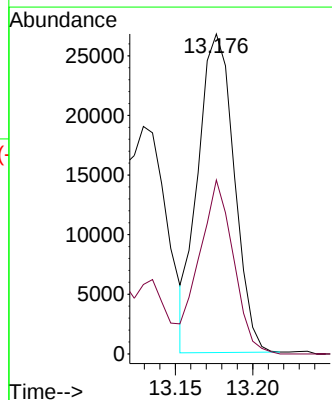
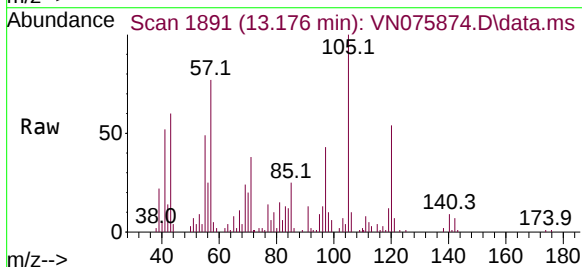
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ClientSampleId :
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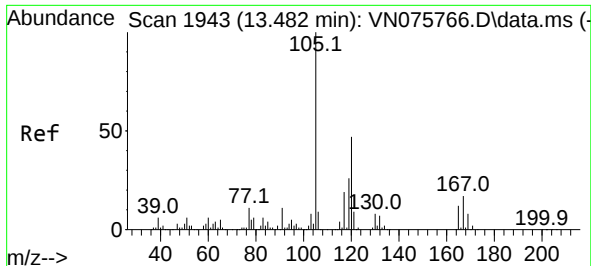
Tgt Ion: 91 Resp: 24394
Ion Ratio Lower Upper
91 100
120 24.7 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 2.996 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion: 105 Resp: 43485
Ion Ratio Lower Upper
105 100
120 51.0 24.7 74.1

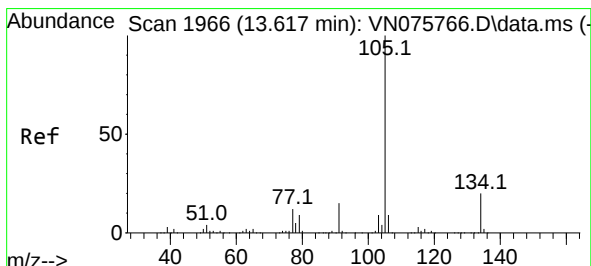
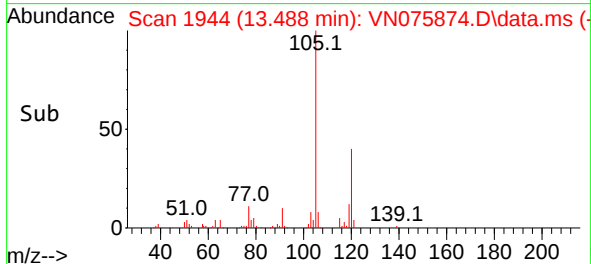
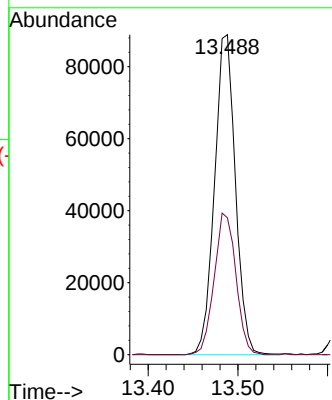
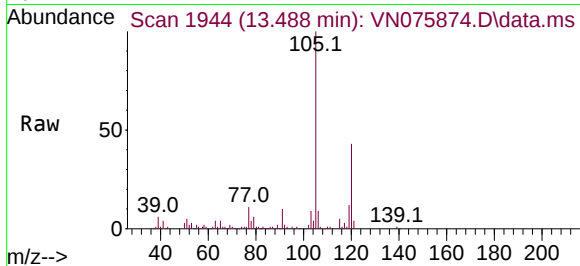




#84
1,2,4-Trimethylbenzene
Concen: 9.990 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

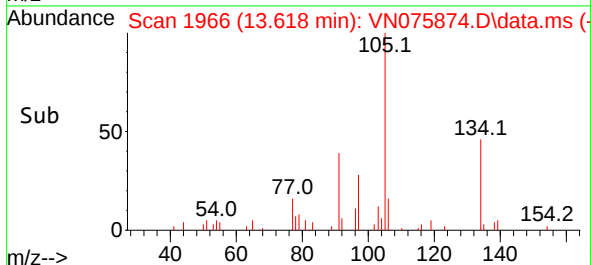
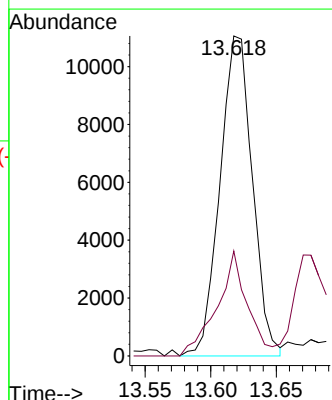
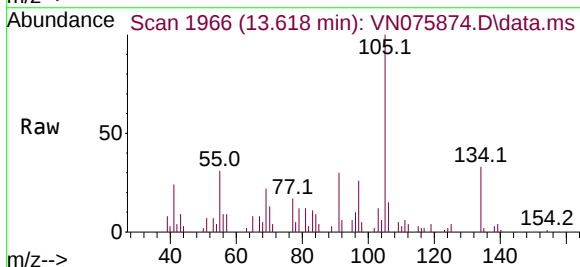
Instrument :
MSVOA_N
ClientSampleId :
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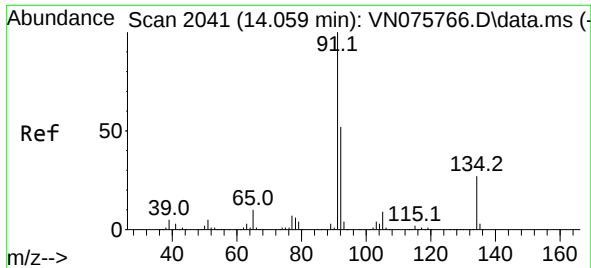
Tgt Ion:105 Resp: 143828
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.077 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN075874.D
Acq: 19 Dec 2022 16:22

Tgt Ion:105 Resp: 19014
Ion Ratio Lower Upper
105 100
134 30.5 10.1 30.1#





#89

n-Butylbenzene

Concen: 1.231 ug/l

RT: 14.059 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN075874.D

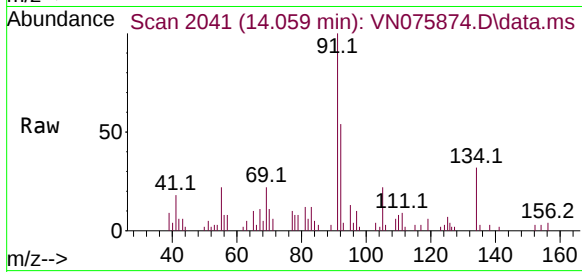
Acq: 19 Dec 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	91	Resp:	14653
Ion	Ratio	Lower	Upper
91	100		
92	63.7	26.4	79.2
134	0.0	13.4	40.2#

