

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075605.D
 Acq On : 07 Dec 2022 14:37
 Operator : JC\MD
 Sample : N5876-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EDI-12-02-SIL

Quant Time: Dec 07 15:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

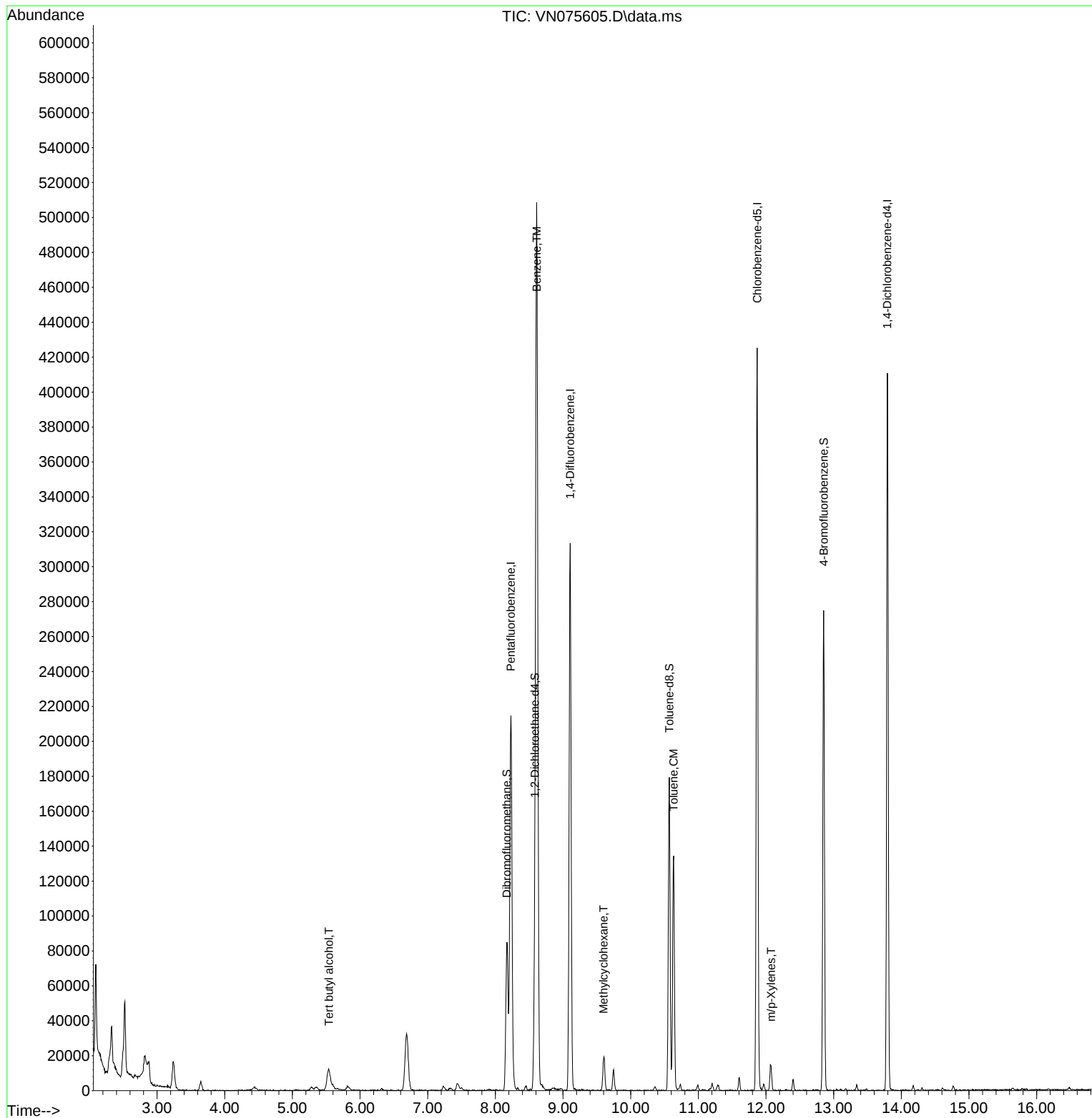
Internal Standards						
1) Pentafluorobenzene	8.229	168	170922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	261301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	50652	55.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.420%
35) Dibromofluoromethane	8.171	113	63002	55.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.300%
50) Toluene-d8	10.570	98	126136	49.027	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.853	95	93982	49.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	23875	61.989	ug/l	98
39) Methylcyclohexane	9.600	83	8974	2.878	ug/l	86
40) Benzene	8.612	78	542436	71.121	ug/l	99
52) Toluene	10.635	92	63172	12.853	ug/l	98
68) m/p-Xylenes	12.076	106	5276	1.411	ug/l	93

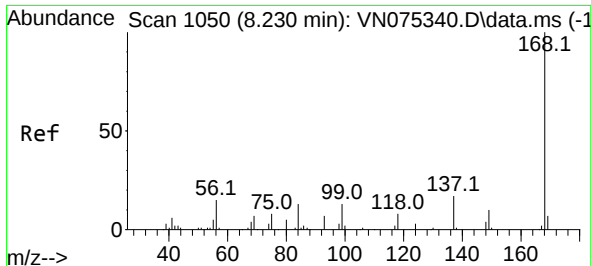
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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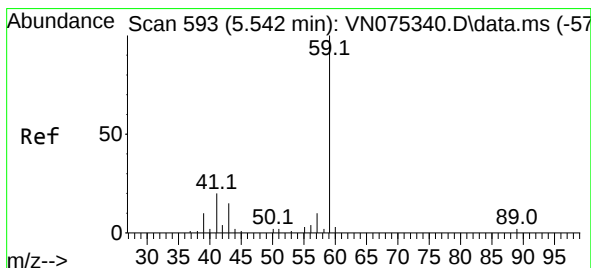
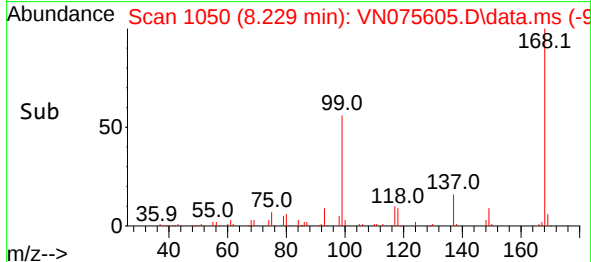
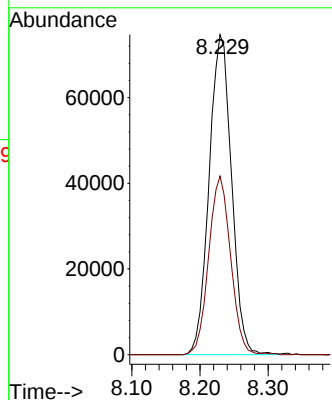
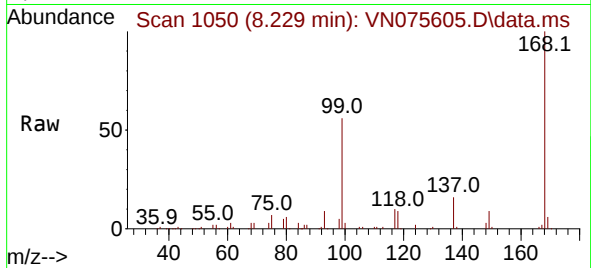




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

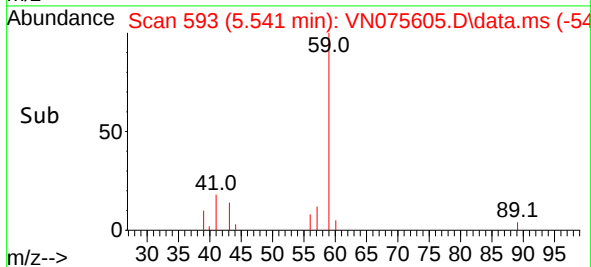
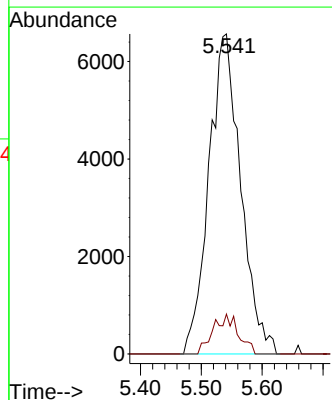
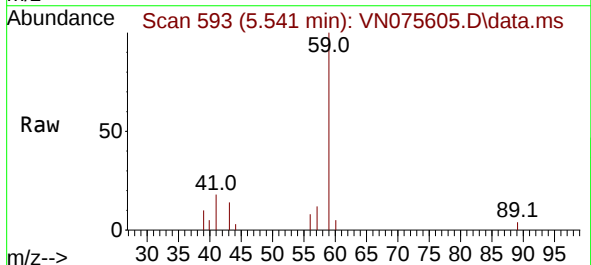
Instrument :
MSVOA_N
ClientSampleId :
EDI-12-02-SIL

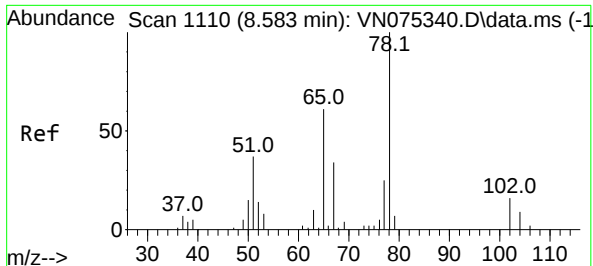
Tgt Ion:168 Resp: 170922
Ion Ratio Lower Upper
168 100
99 55.8 51.6 77.4



#11
Tert butyl alcohol
Concen: 61.989 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

Tgt Ion: 59 Resp: 23875
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7





#33

1,2-Dichloroethane-d4

Concen: 55.207 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075605.D

Acq: 07 Dec 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

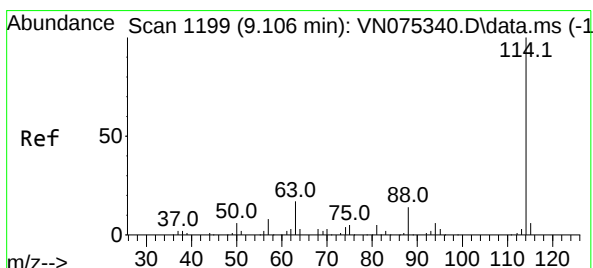
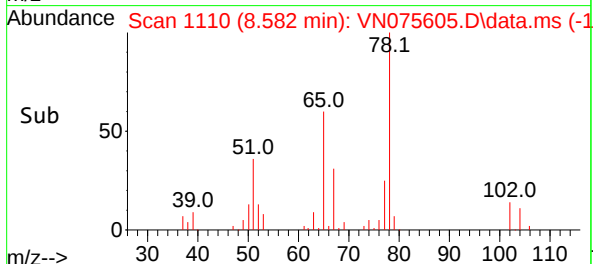
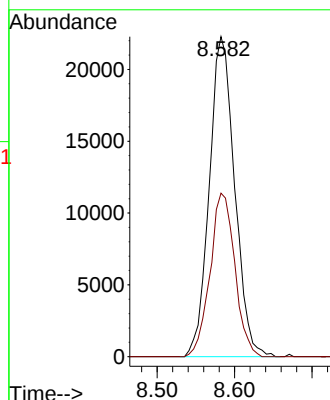
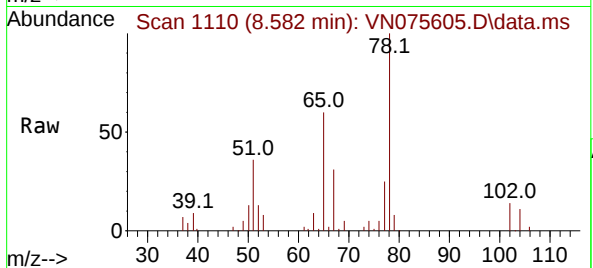
EDI-12-02-SIL

Tgt Ion: 65 Resp: 50652

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075605.D

Acq: 07 Dec 2022 14:37

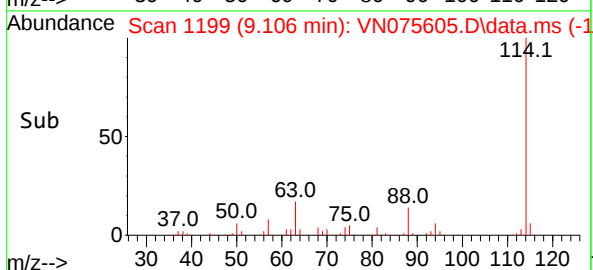
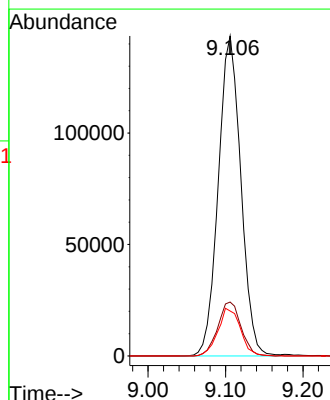
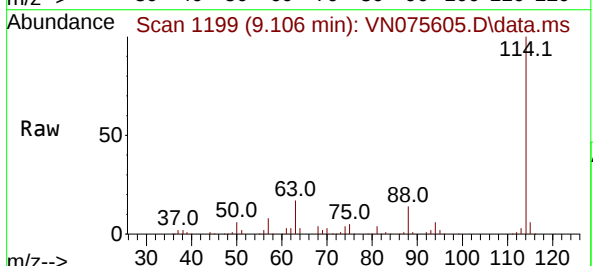
Tgt Ion: 114 Resp: 290784

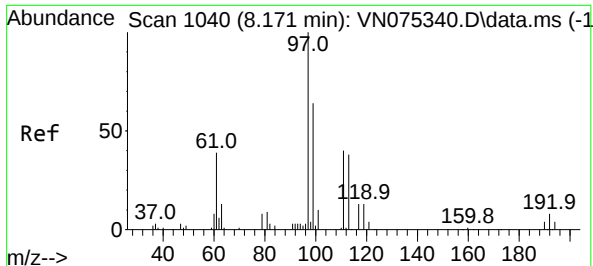
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.154 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075605.D

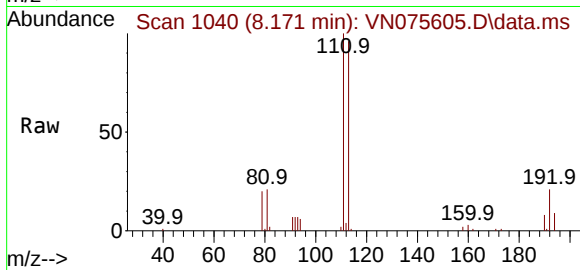
Acq: 07 Dec 2022 14:37

Instrument :

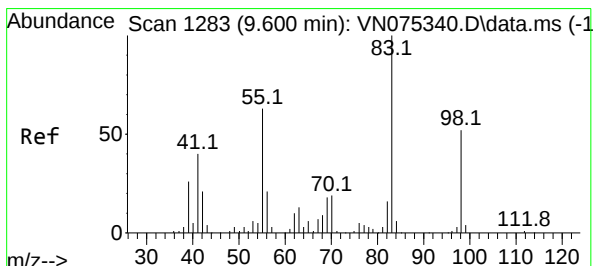
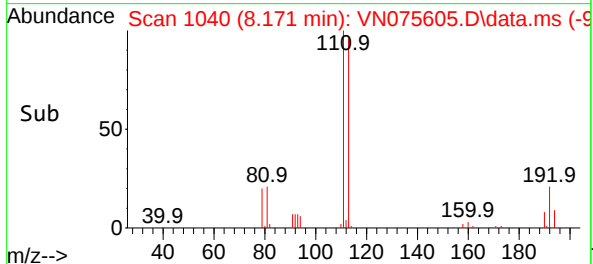
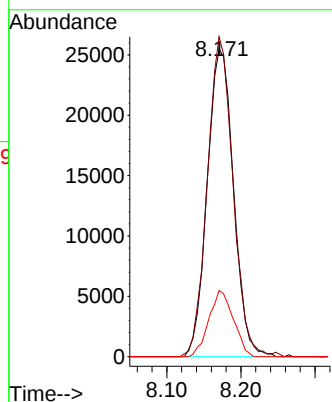
MSVOA_N

ClientSampleId :

EDI-12-02-SIL



Tgt Ion:	113	Resp:	63002
Ion Ratio	Lower	Upper	
113	100		
111	101.1	80.5	120.7
192	20.0	13.2	19.8#



#39

Methylcyclohexane

Concen: 2.878 ug/l

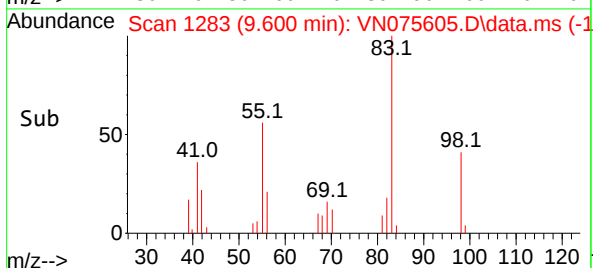
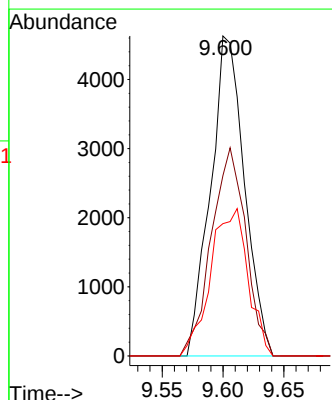
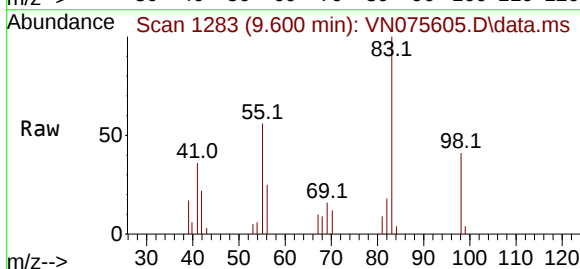
RT: 9.600 min Scan# 1283

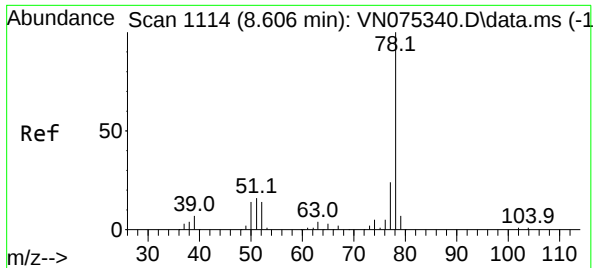
Delta R.T. -0.000 min

Lab File: VN075605.D

Acq: 07 Dec 2022 14:37

Tgt Ion:	83	Resp:	8974
Ion Ratio	Lower	Upper	
83	100		
55	56.3	53.6	80.4
98	41.3	41.1	61.7

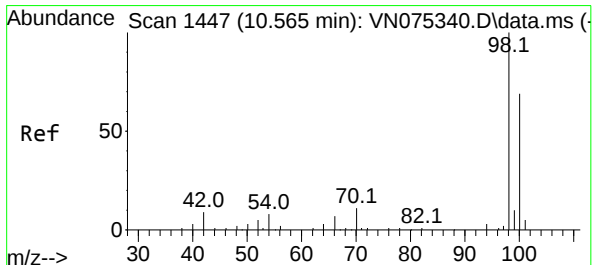
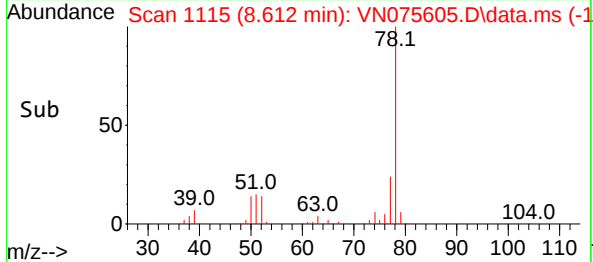
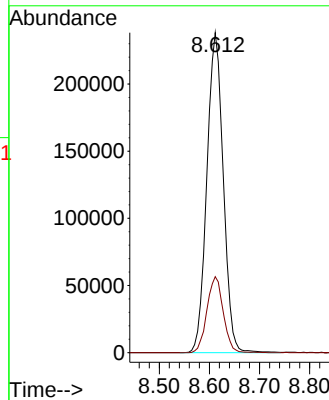
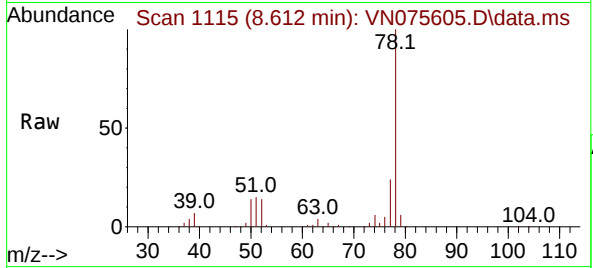




#40
Benzene
Concen: 71.121 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

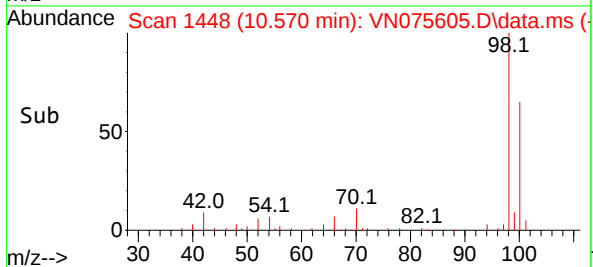
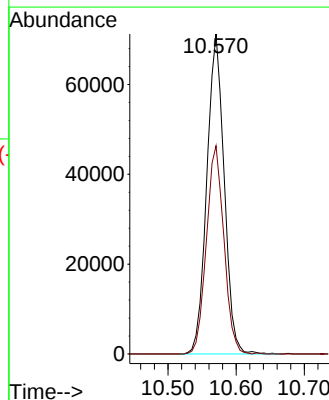
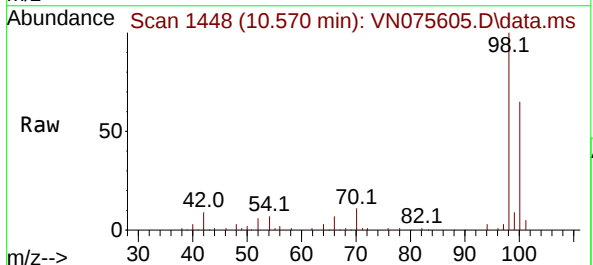
Instrument :
MSVOA_N
ClientSampleId :
EDI-12-02-SIL

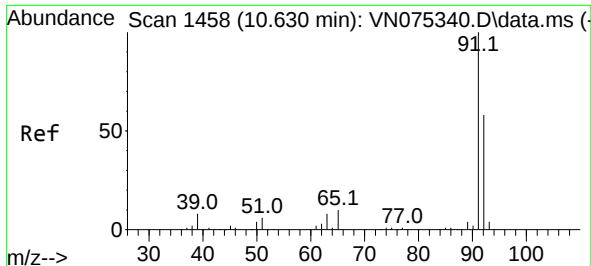
Tgt Ion: 78 Resp: 542436
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



#50
Toluene-d8
Concen: 49.027 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

Tgt Ion: 98 Resp: 126136
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

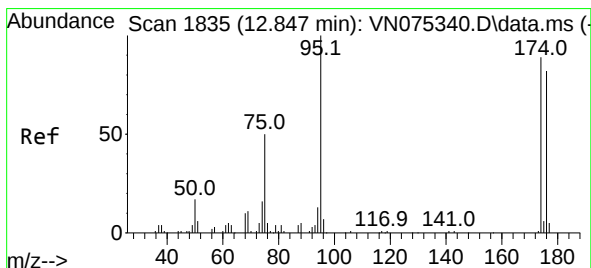
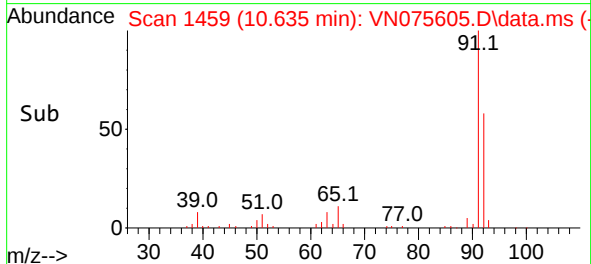
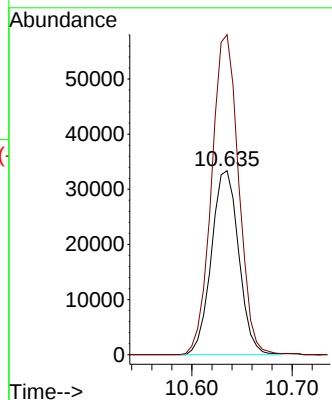
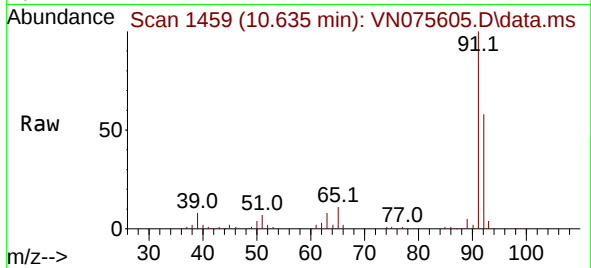




#52
Toluene
Concen: 12.853 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

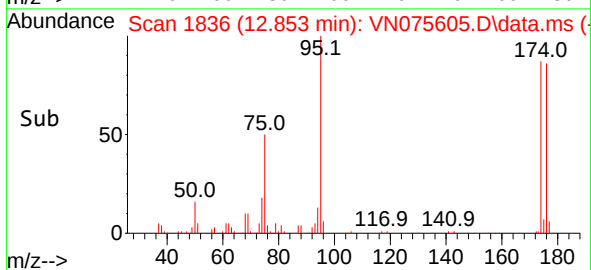
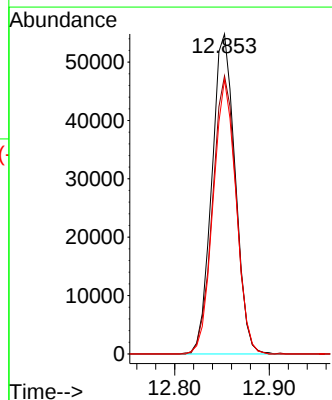
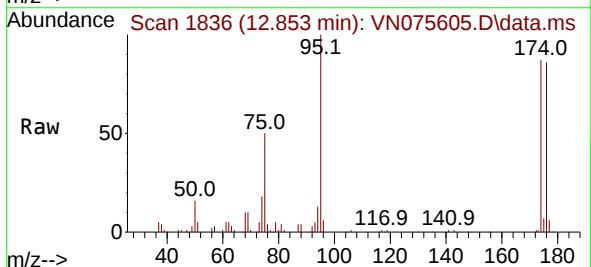
Instrument :
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ClientSampleId :
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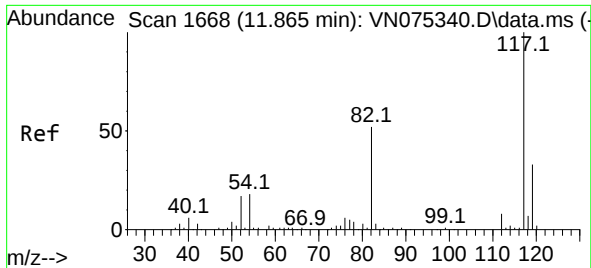
Tgt Ion: 92 Resp: 63172
Ion Ratio Lower Upper
92 100
91 172.7 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 49.491 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

Tgt Ion: 95 Resp: 93982
Ion Ratio Lower Upper
95 100
174 87.7 0.0 147.4
176 84.1 0.0 142.2

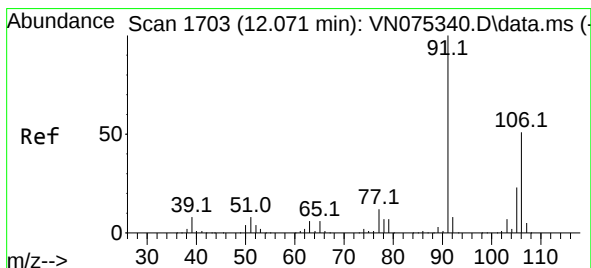
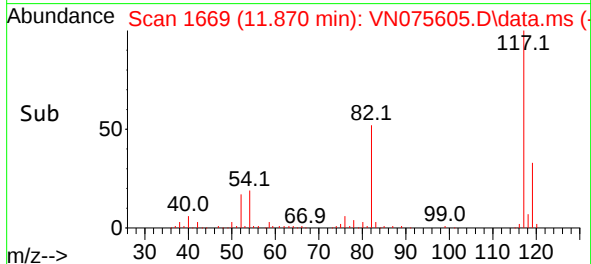
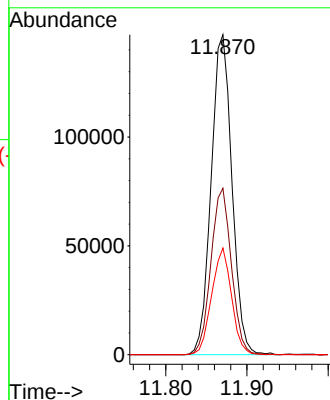
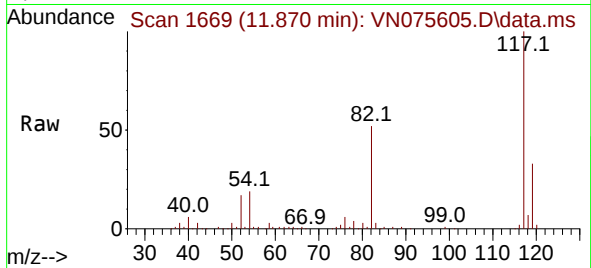




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

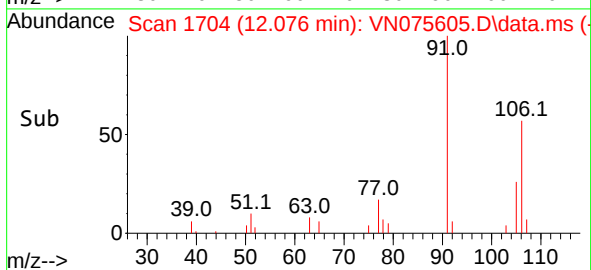
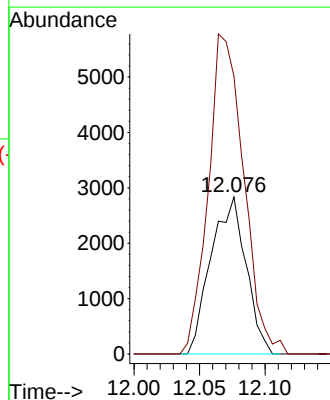
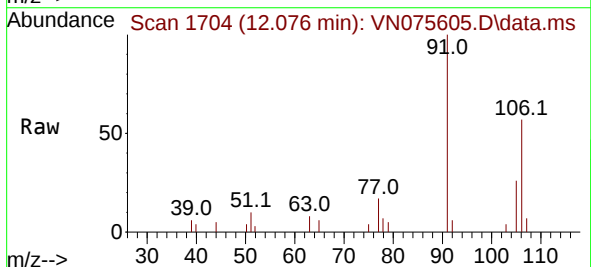
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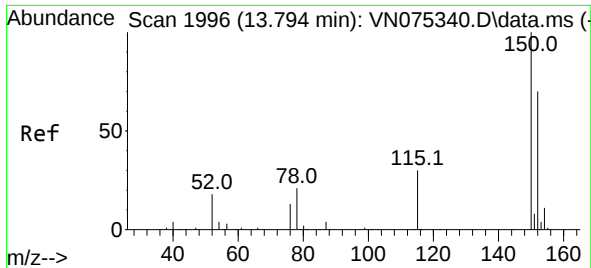
Tgt Ion:117 Resp: 261301
Ion Ratio Lower Upper
117 100
82 52.0 43.1 64.7
119 33.4 25.5 38.3



#68
m/p-Xylenes
Concen: 1.411 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075605.D
Acq: 07 Dec 2022 14:37

Tgt Ion:106 Resp: 5276
Ion Ratio Lower Upper
106 100
91 205.8 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075605.D

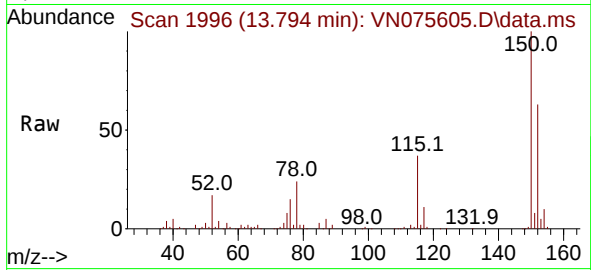
Acq: 07 Dec 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

EDI-12-02-SIL



Tgt Ion:152 Resp: 116630

Ion Ratio Lower Upper

152 100

115 58.3 30.2 90.6

150 157.8 0.0 348.4

