

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075816.D
 Acq On : 15 Dec 2022 14:35
 Operator : JC\MD
 Sample : N5990-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120722-1

Quant Time: Dec 16 03:09:23 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)

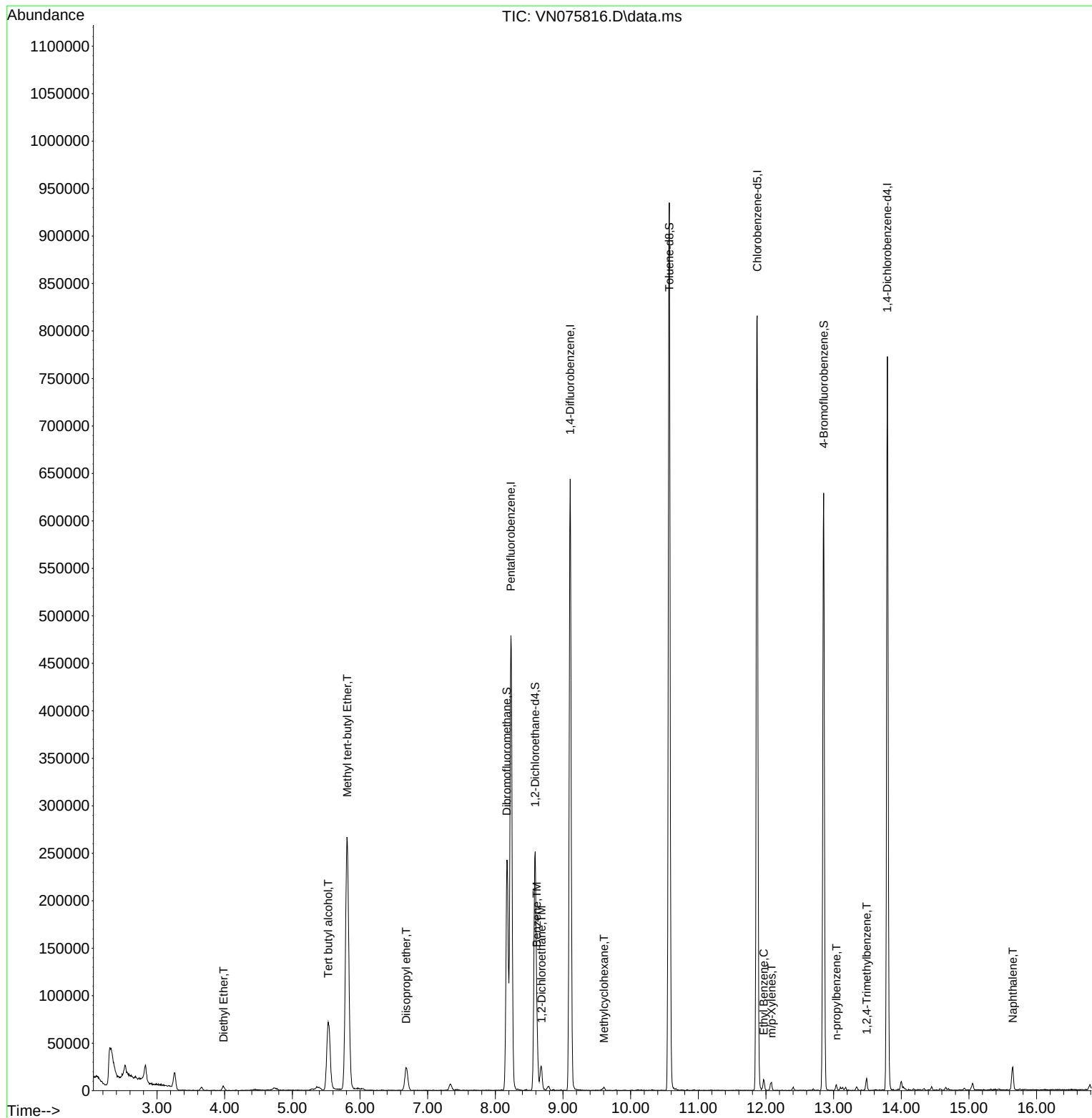
Internal Standards						
1) Pentafluorobenzene	8.230	168	382509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	195782	47.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.100%
35) Dibromofluoromethane	8.171	113	177293	47.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	10.571	98	680697	49.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.853	95	211182	46.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	2790	1.250	ug/l	96
11) Tert butyl alcohol	5.530	59	139541	236.982	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	478844	42.892	ug/l	95
22) Diisopropyl ether	6.683	45	28731	2.984	ug/l #	94
39) Methylcyclohexane	9.606	83	1870	0.316	ug/l #	90
40) Benzene	8.612	78	54258	3.581	ug/l	100
42) 1,2-Dichloroethane	8.683	62	22104	4.388	ug/l	100
67) Ethyl Benzene	11.965	91	8591	0.486	ug/l	94
68) m/p-Xylenes	12.082	106	3154	0.450	ug/l	94
78) n-propylbenzene	13.041	91	5737	0.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	7613	0.586	ug/l	99
95) Naphthalene	15.647	128	26025	4.289	ug/l	99

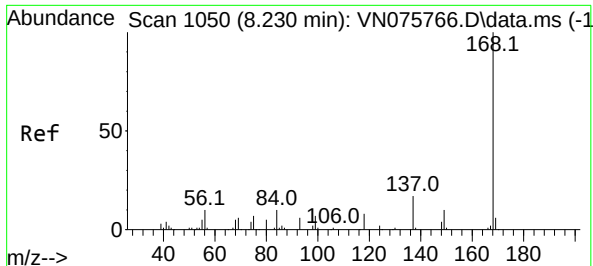
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075816.D
Acq On : 15 Dec 2022 14:35
Operator : JC\MD
Sample : N5990-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

Quant Time: Dec 16 03:09:23 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

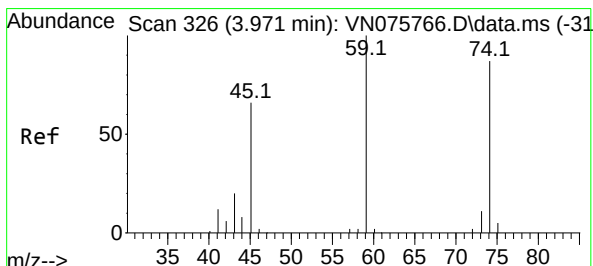
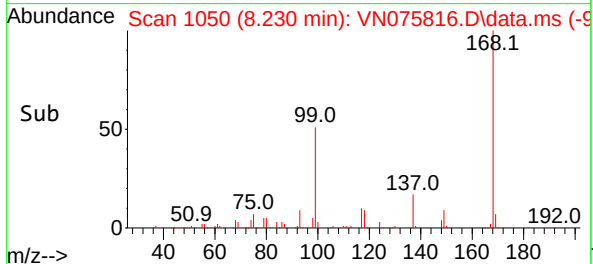
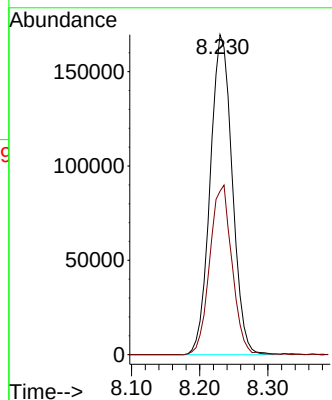
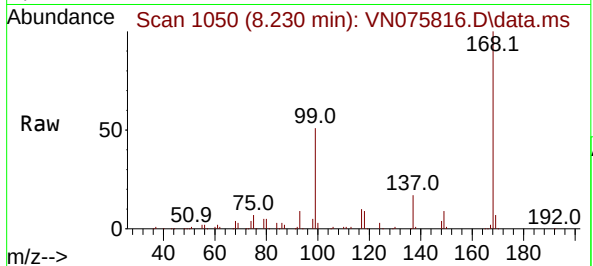




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

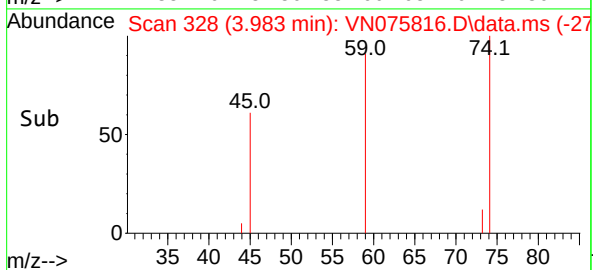
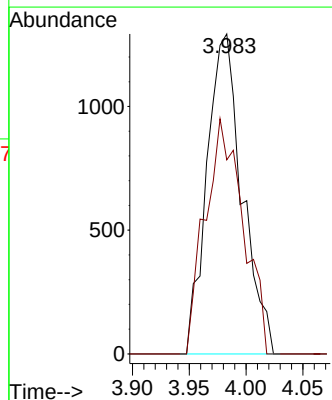
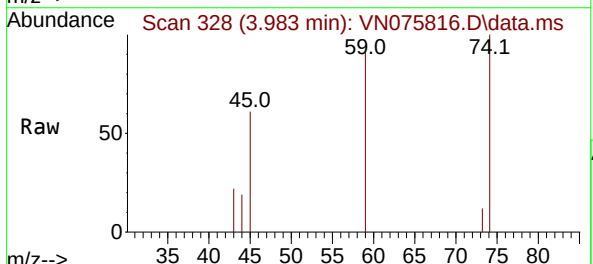
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

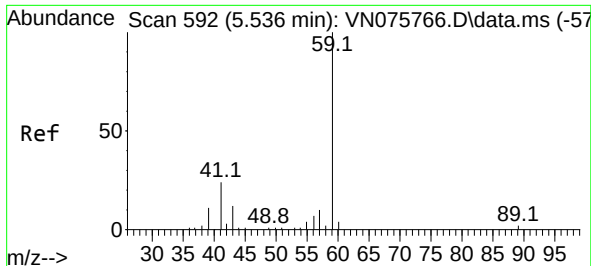
Tgt Ion:168 Resp: 382509
Ion Ratio Lower Upper
168 100
99 51.1 44.2 66.4



#8
Diethyl Ether
Concen: 1.250 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.012 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 74 Resp: 2790
Ion Ratio Lower Upper
74 100
45 79.2 37.8 113.4

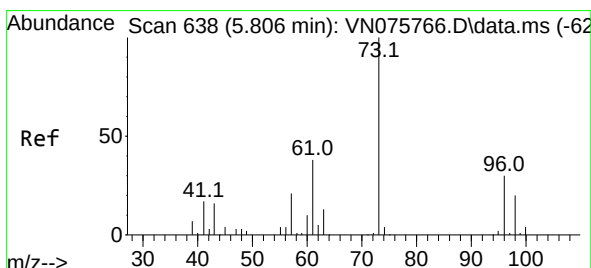
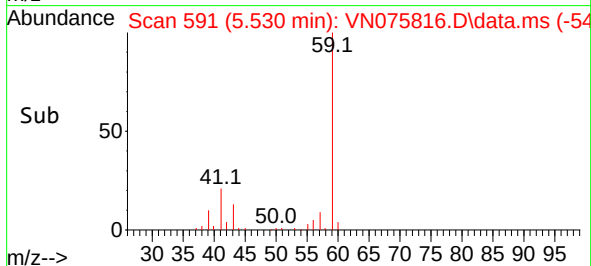
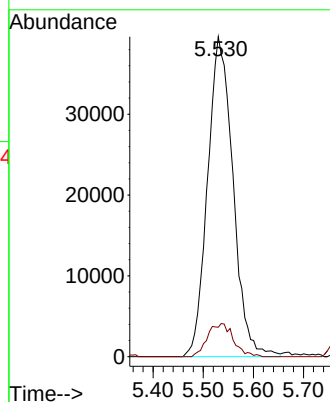
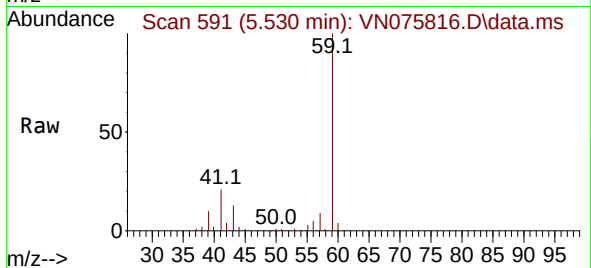




#11
Tert butyl alcohol
Concen: 236.982 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

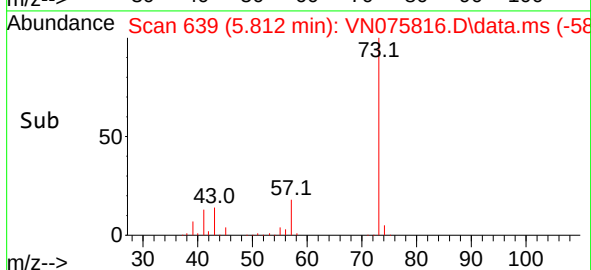
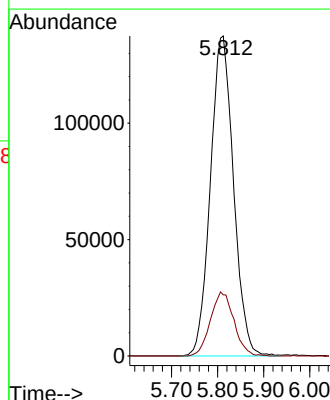
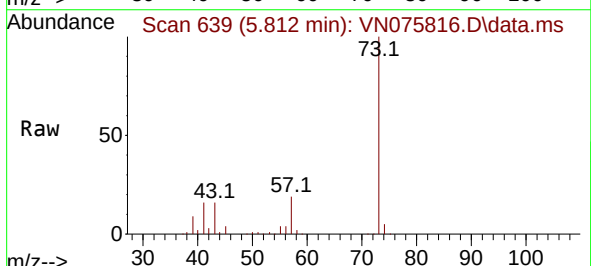
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

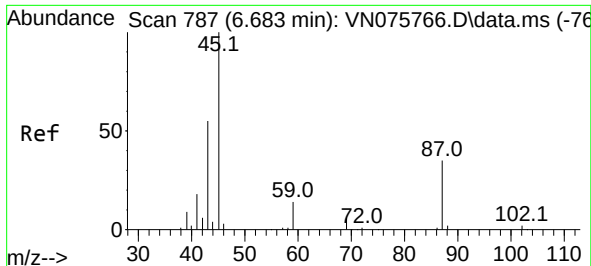
Tgt Ion: 59 Resp: 139541
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#19
Methyl tert-butyl Ether
Concen: 42.892 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 73 Resp: 478844
Ion Ratio Lower Upper
73 100
57 19.1 17.1 25.7

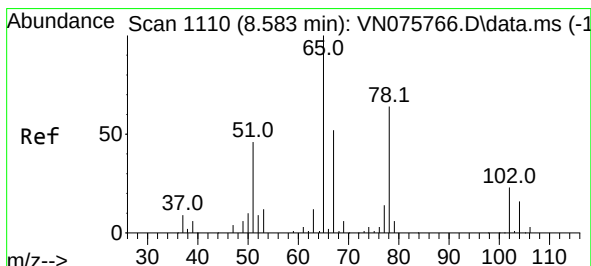
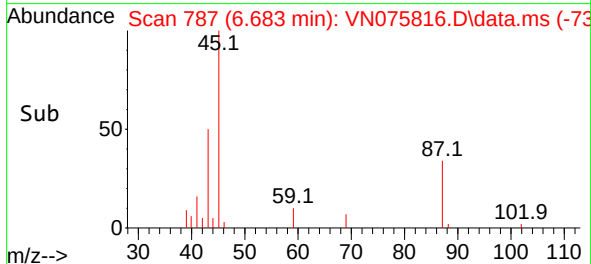
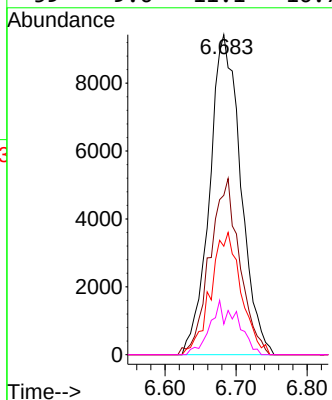
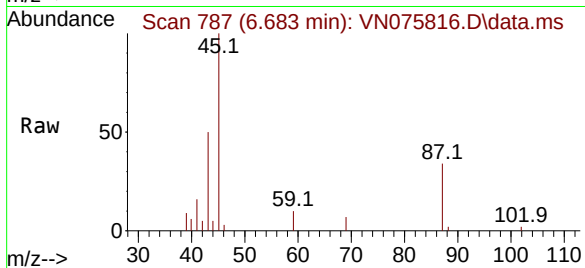




#22
Diisopropyl ether
Concen: 2.984 ug/l
RT: 6.683 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

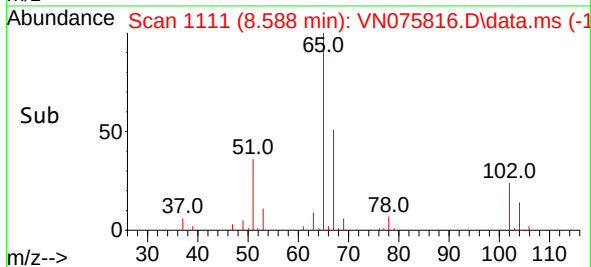
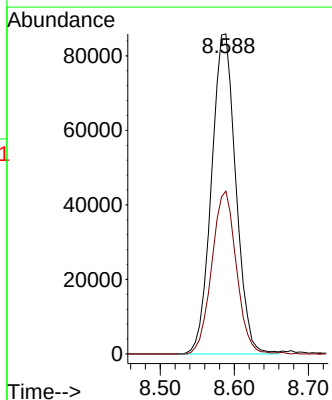
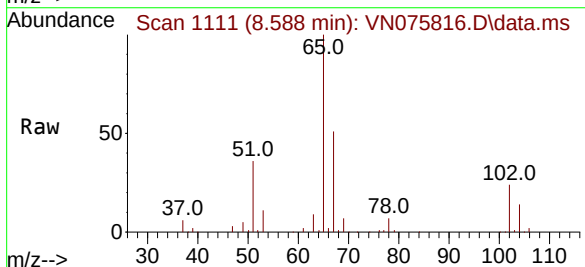
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

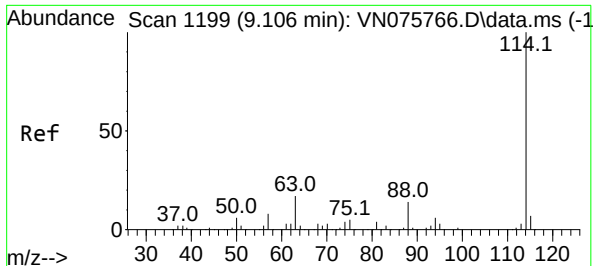
Tgt Ion:	45	Resp:	28731
Ion	Ratio	Lower	Upper
45	100		
43	49.8	44.2	66.4
87	33.9	28.3	42.5
59	9.6	11.1	16.7



#33
1,2-Dichloroethane-d4
Concen: 47.048 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion:	65	Resp:	195782
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VN075816.D

Acq: 15 Dec 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

DUP120722-1

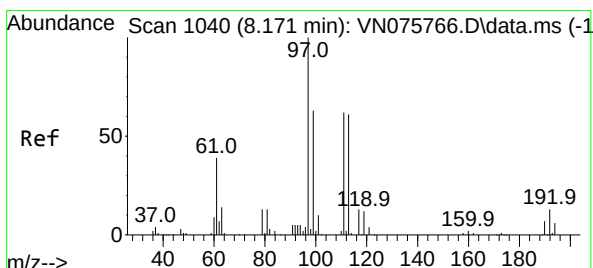
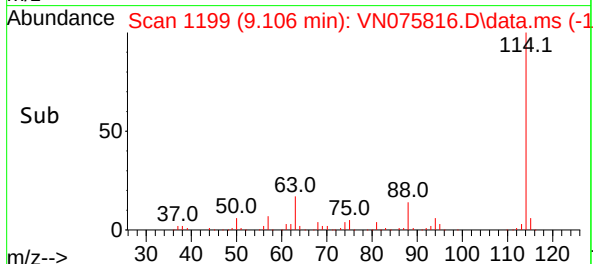
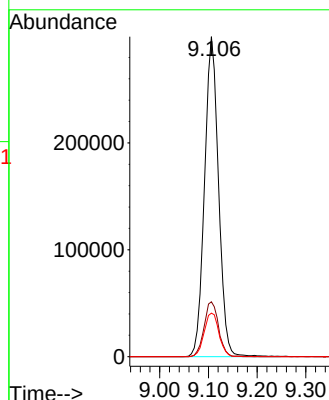
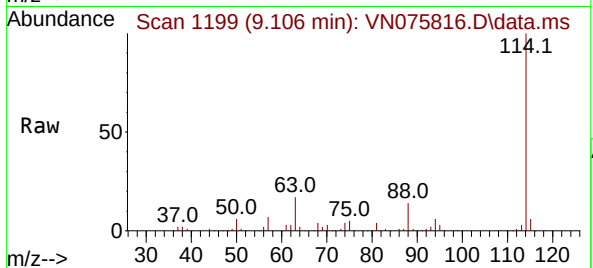
Tgt Ion:114 Resp: 596955

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 13.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.958 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075816.D

Acq: 15 Dec 2022 14:35

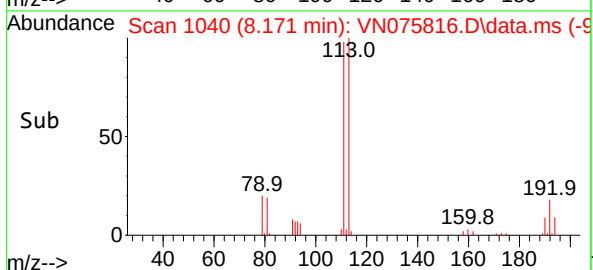
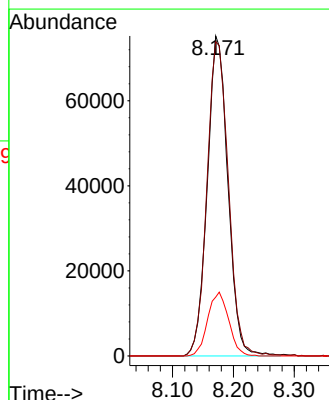
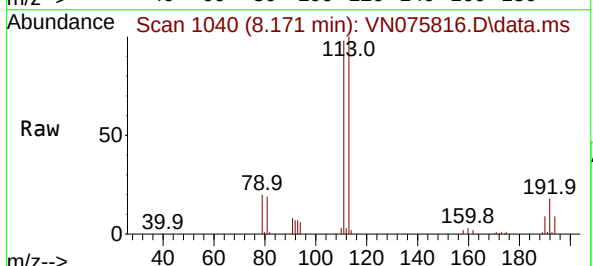
Tgt Ion:113 Resp: 177293

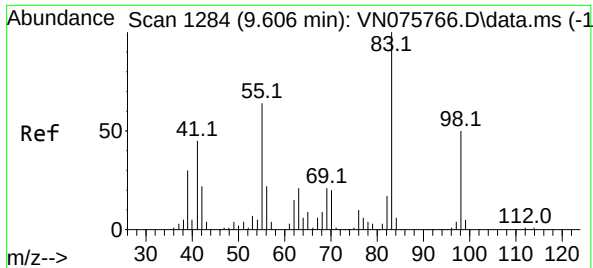
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 20.3 16.1 24.1

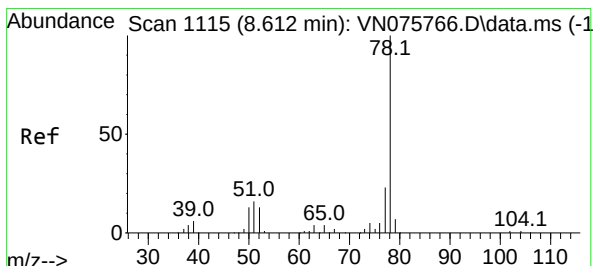
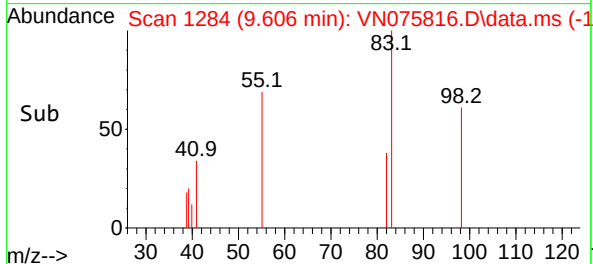
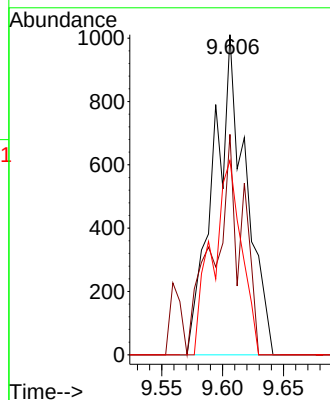
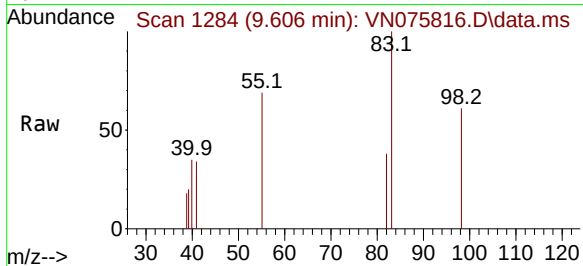




#39
Methylcyclohexane
Concen: 0.316 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

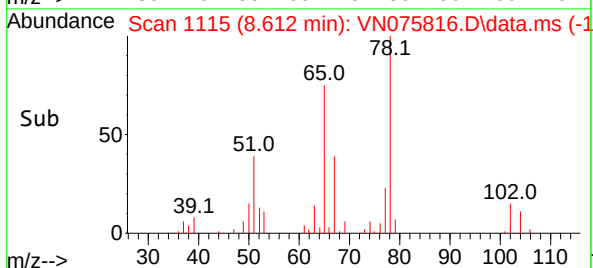
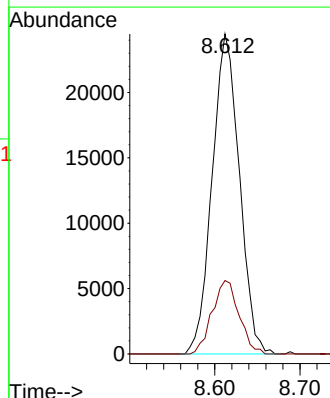
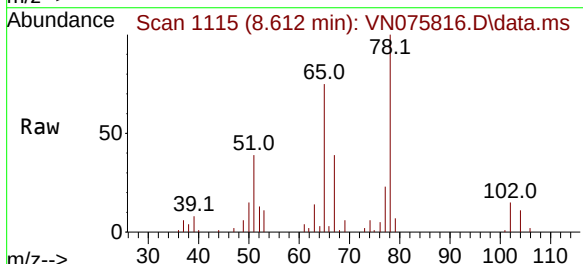
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

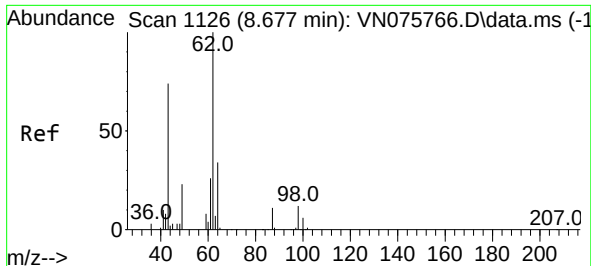
Tgt Ion: 83 Resp: 1870
Ion Ratio Lower Upper
83 100
55 68.8 51.4 77.0
98 60.7 39.8 59.8#



#40
Benzene
Concen: 3.581 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 78 Resp: 54258
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7





#42

1,2-Dichloroethane

Concen: 4.388 ug/l

RT: 8.683 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN075816.D

Acq: 15 Dec 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

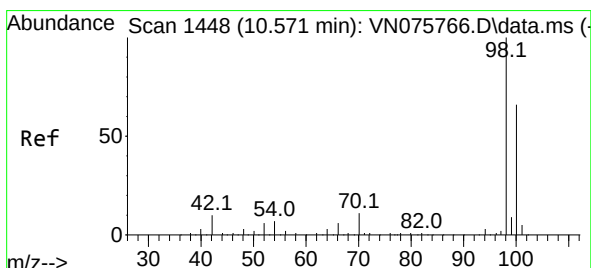
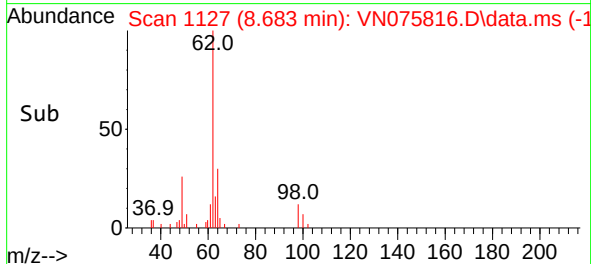
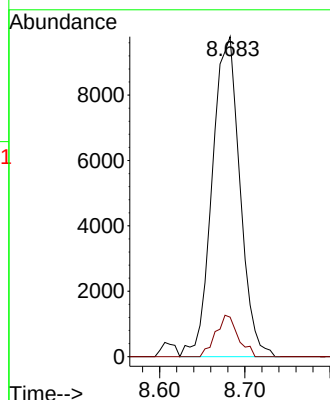
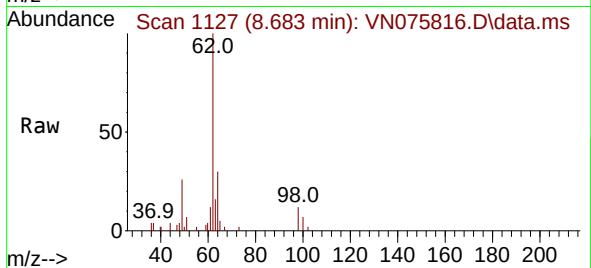
DUP120722-1

Tgt Ion: 62 Resp: 22104

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.8



#50

Toluene-d8

Concen: 49.247 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075816.D

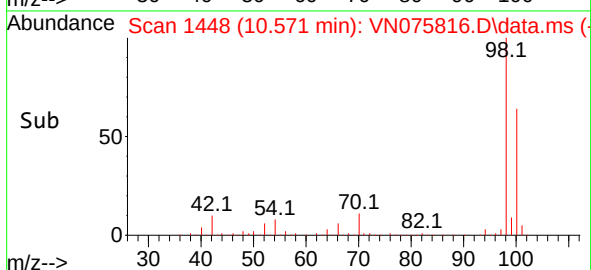
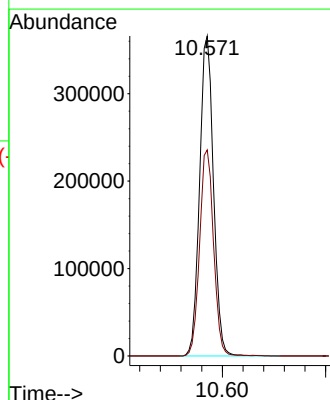
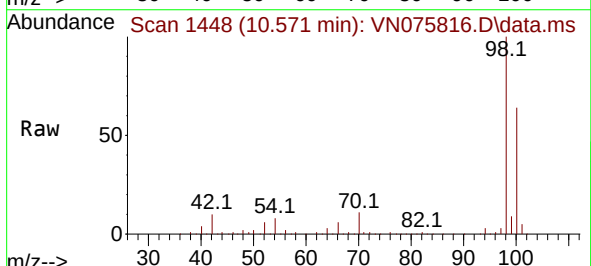
Acq: 15 Dec 2022 14:35

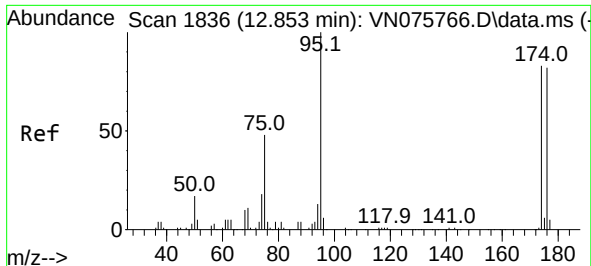
Tgt Ion: 98 Resp: 680697

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

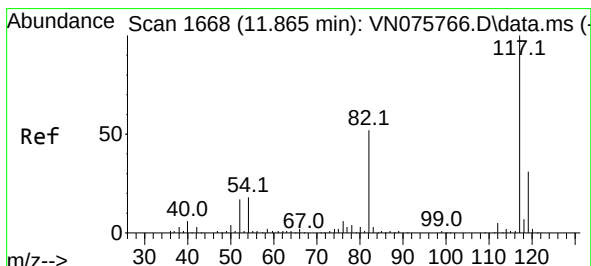
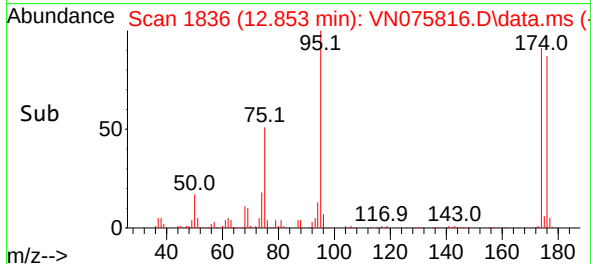
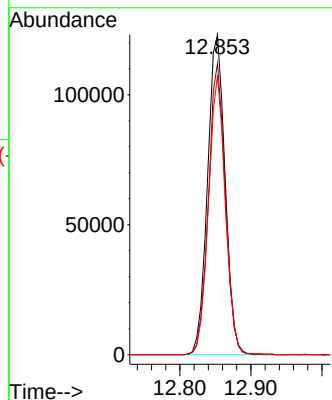
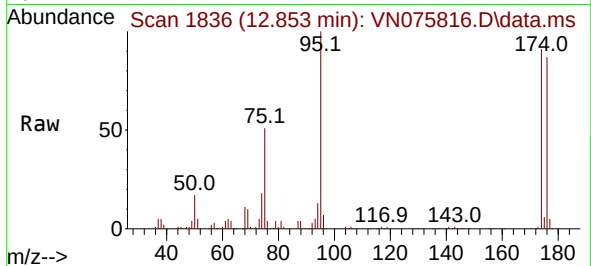




#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

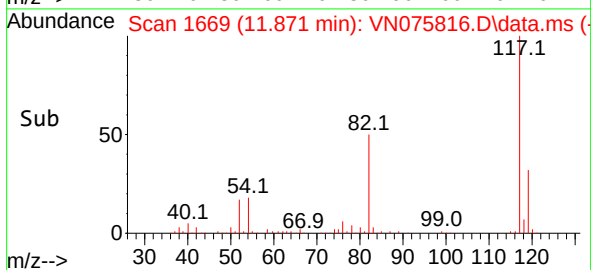
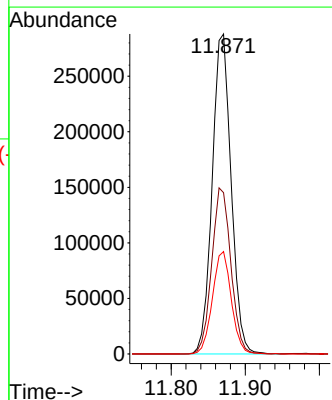
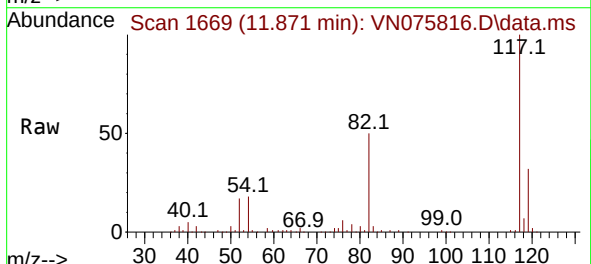
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

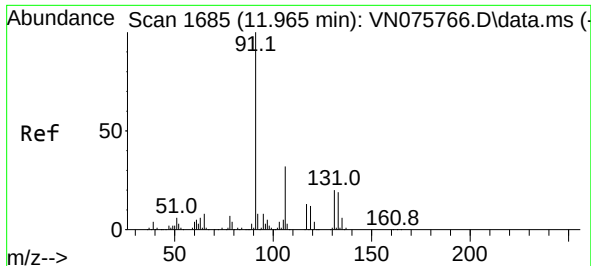
Tgt Ion: 95 Resp: 211182
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 83.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 117 Resp: 510805
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.0 24.6 37.0





#67

Ethyl Benzene

Concen: 0.486 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075816.D

Acq: 15 Dec 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

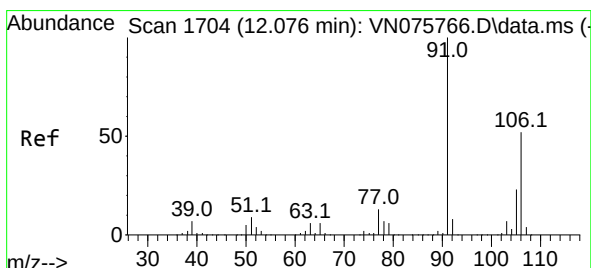
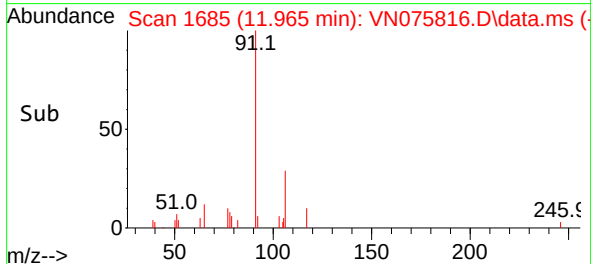
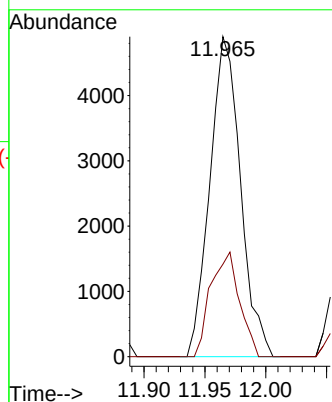
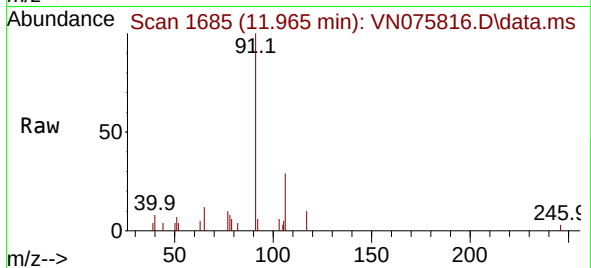
DUP120722-1

Tgt Ion: 91 Resp: 8591

Ion Ratio Lower Upper

91 100

106 28.9 25.7 38.5



#68

m/p-Xylenes

Concen: 0.450 ug/l

RT: 12.082 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN075816.D

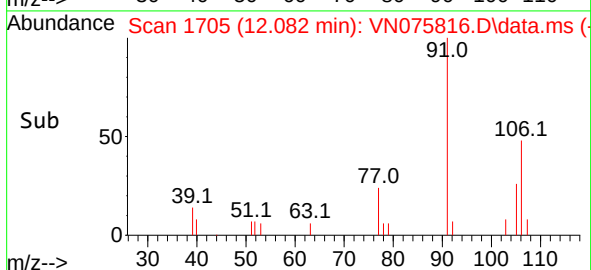
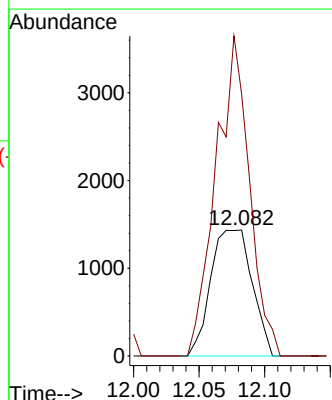
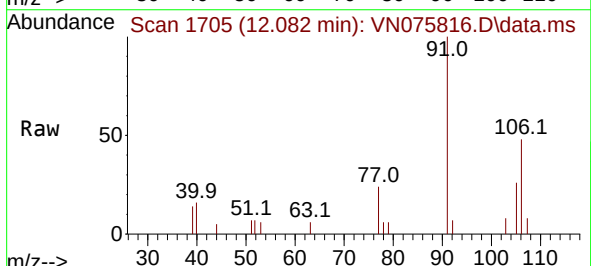
Acq: 15 Dec 2022 14:35

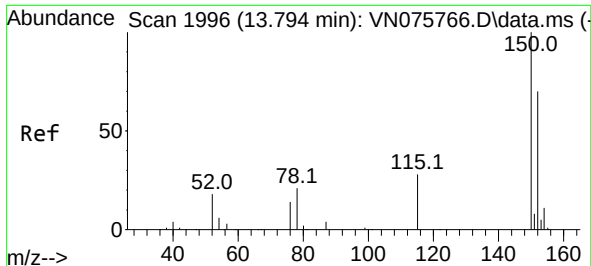
Tgt Ion: 106 Resp: 3154

Ion Ratio Lower Upper

106 100

91 205.5 156.6 235.0

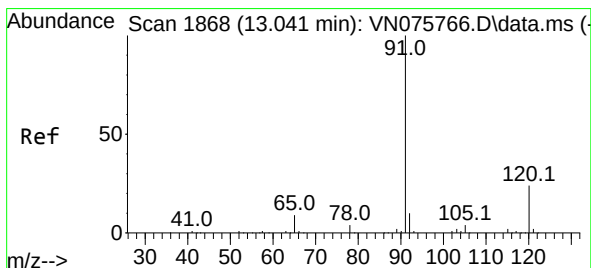
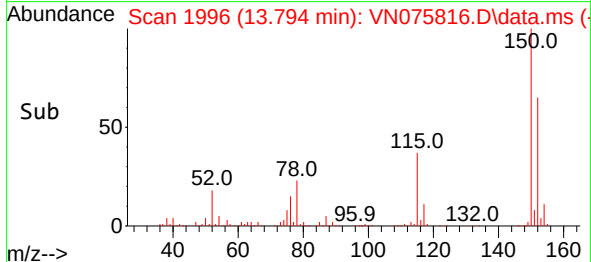
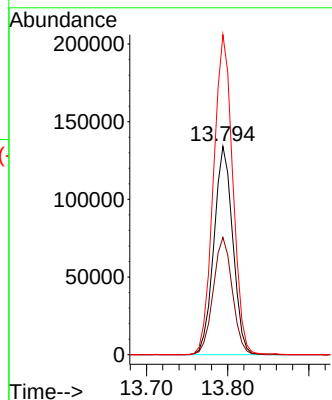
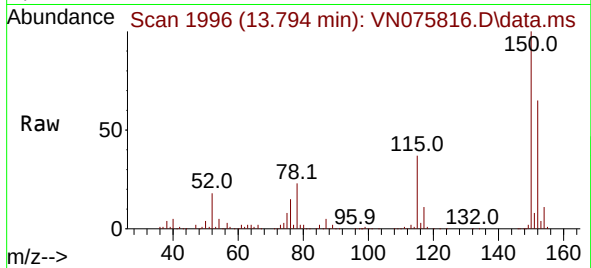




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

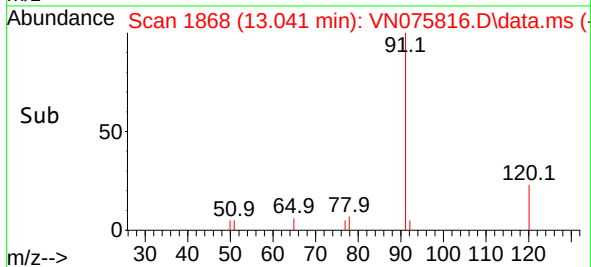
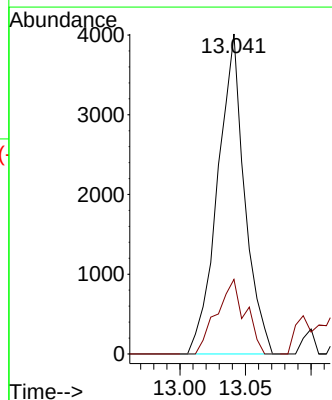
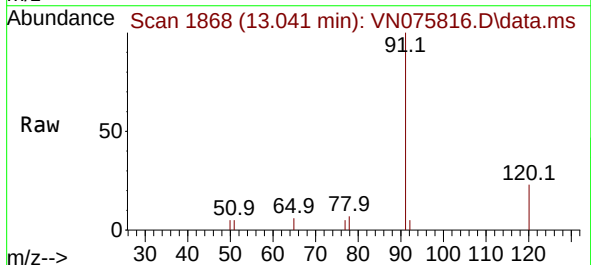
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-1

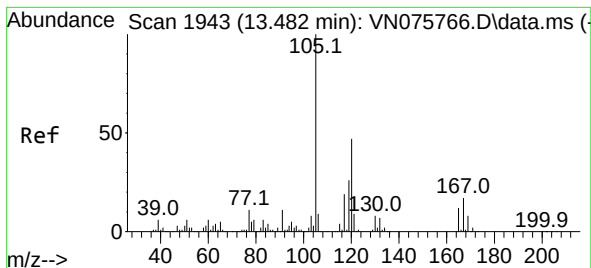
Tgt Ion:152 Resp: 216651
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.4
150 157.2 0.0 347.0



#78
n-propylbenzene
Concen: 0.332 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075816.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 91 Resp: 5737
Ion Ratio Lower Upper
91 100
120 24.9 12.0 36.1





#84

1,2,4-Trimethylbenzene

Concen: 0.586 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075816.D

Acq: 15 Dec 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

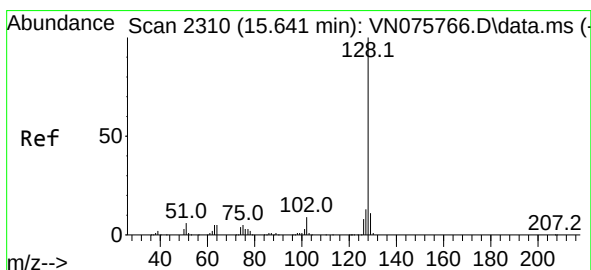
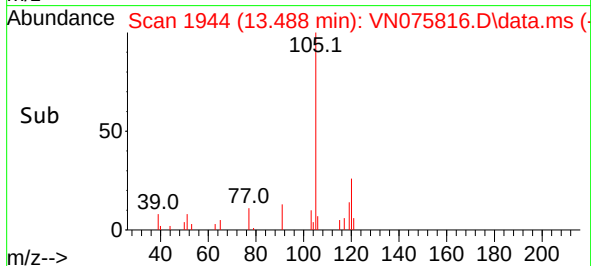
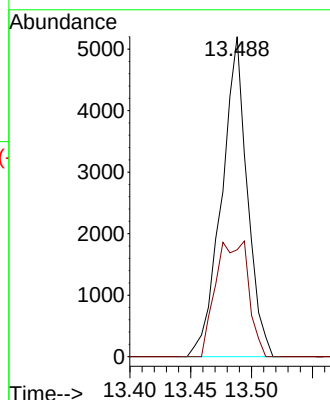
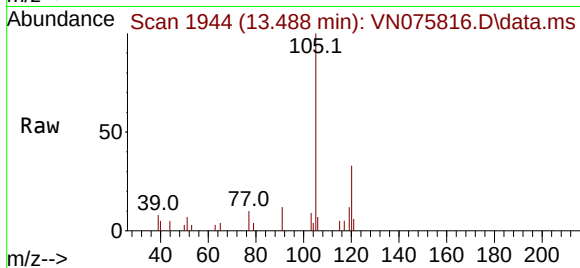
DUP120722-1

Tgt Ion:105 Resp: 7613

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#95

Naphthalene

Concen: 4.289 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075816.D

Acq: 15 Dec 2022 14:35

Tgt Ion:128 Resp: 26025

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.6 8.7 13.1

