

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074333.D
 Acq On : 03 Sep 2022 21:48
 Operator : JC\MD
 Sample : N4355-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: Sep 05 05:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

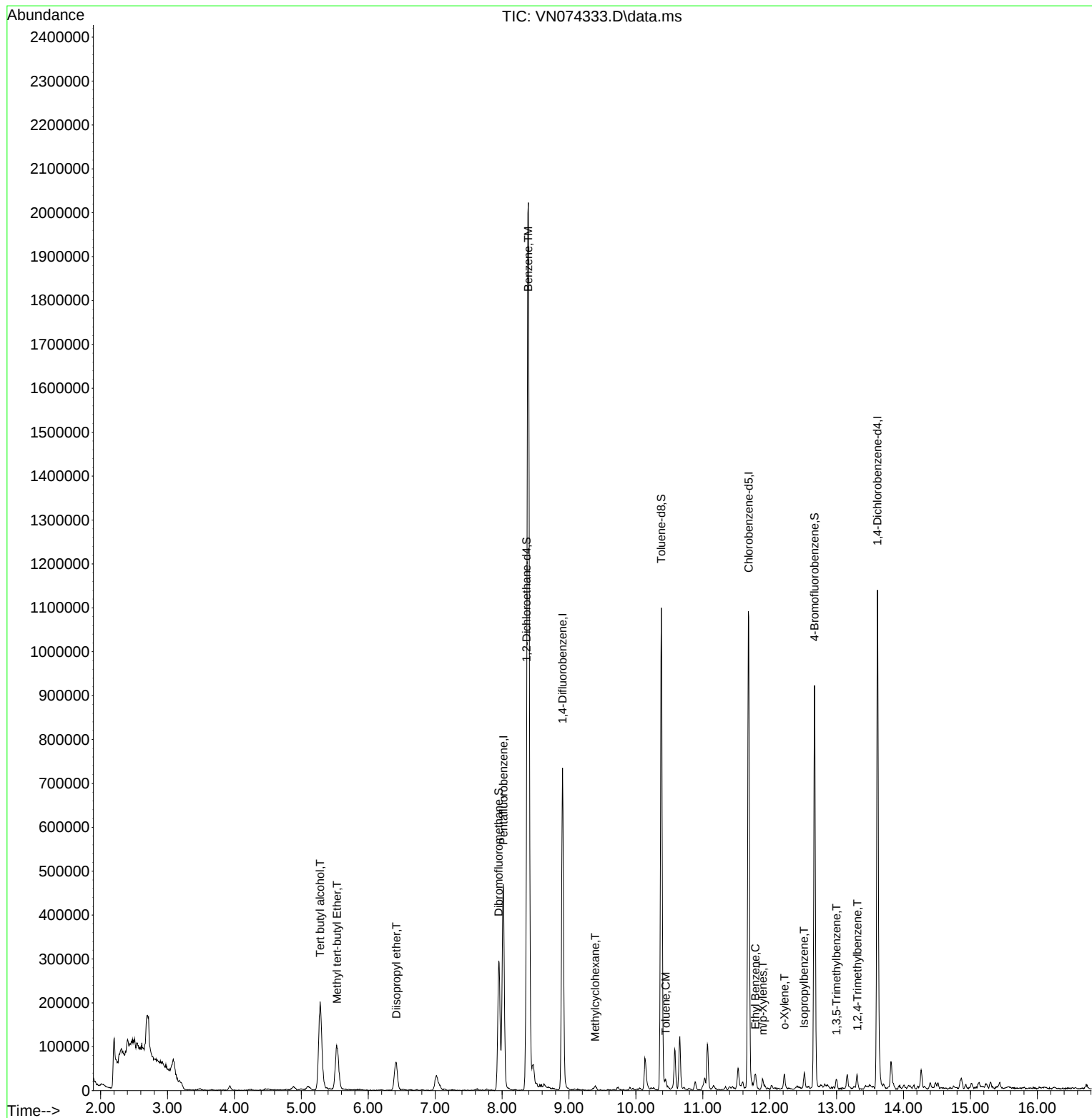
Internal Standards						
1) Pentafluorobenzene	8.022	168	333769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	623982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	612079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	286805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	247527	47.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	7.951	113	211495	51.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	10.380	98	727349	44.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.669	95	285765	48.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	339541	359.714	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	160856	12.352	ug/l	98
22) Diisopropyl ether	6.422	45	76229	6.146	ug/l #	93
39) Methylcyclohexane	9.392	83	3828	0.541	ug/l #	63
40) Benzene	8.392	78	1998519	107.951	ug/l	99
52) Toluene	10.445	92	8204	0.717	ug/l	85
67) Ethyl Benzene	11.786	91	18732	0.759	ug/l #	74
68) m/p-Xylenes	11.898	106	7301	0.793	ug/l	90
69) o-Xylene	12.221	106	8319	0.905	ug/l	96
73) Isopropylbenzene	12.516	105	15682	0.624	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	9631	0.478	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	16907	0.829	ug/l	99

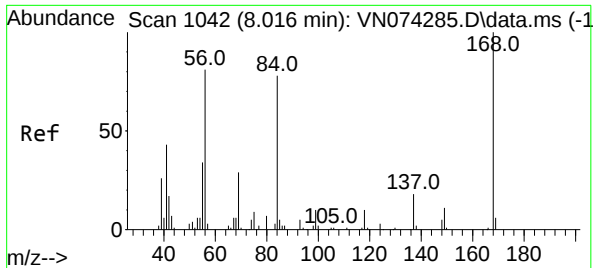
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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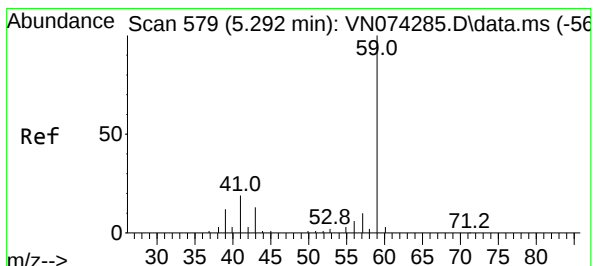
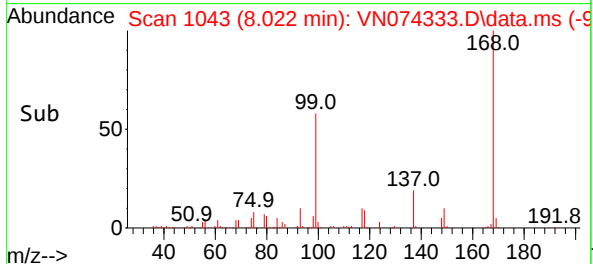
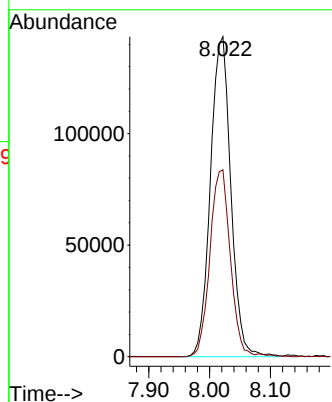
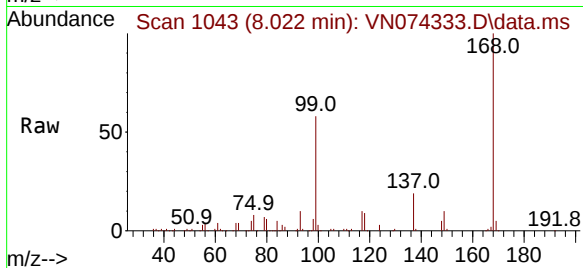




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

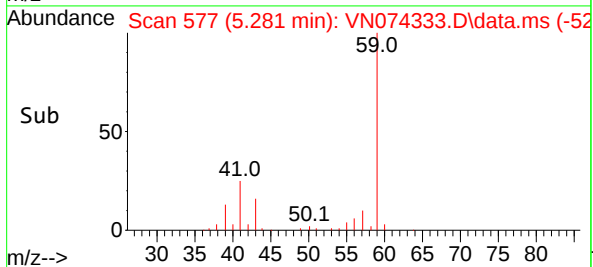
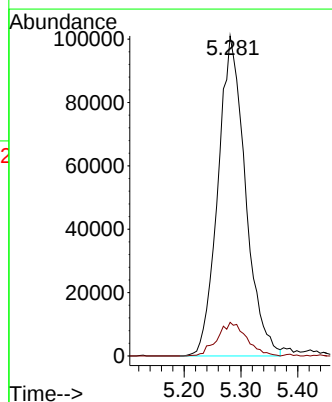
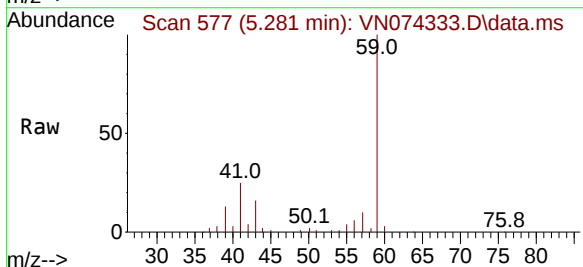
Instrument :
MSVOA_N
ClientSampleId :
MW-40

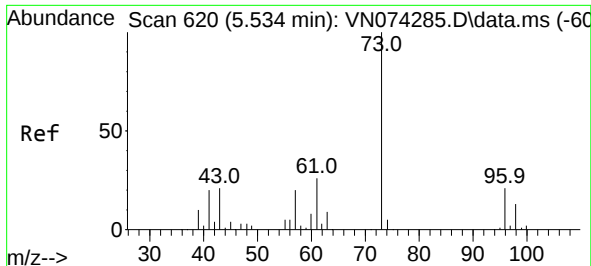
Tgt Ion:168 Resp: 333769
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 359.714 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion: 59 Resp: 339541
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

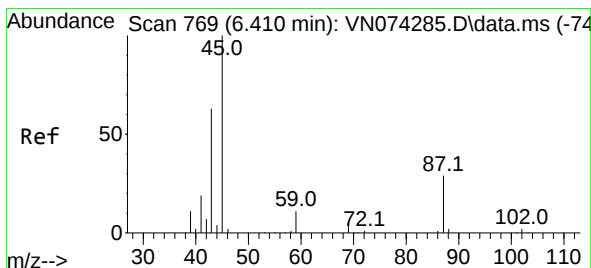
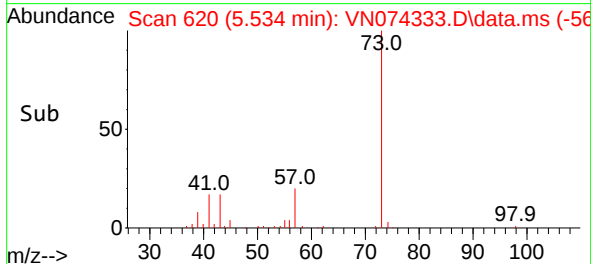
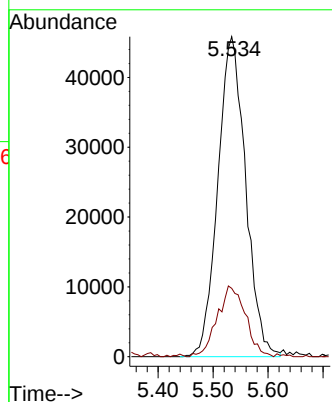
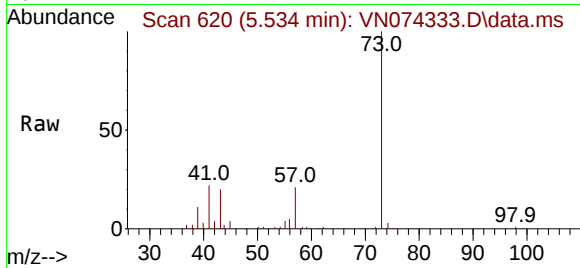




#19
Methyl tert-butyl Ether
Concen: 12.352 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

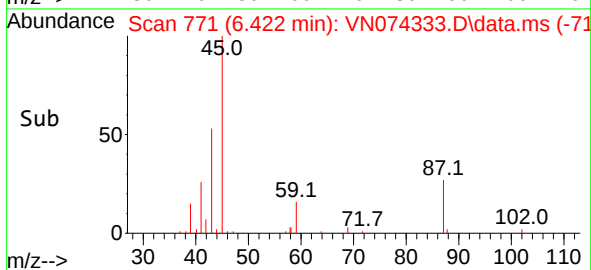
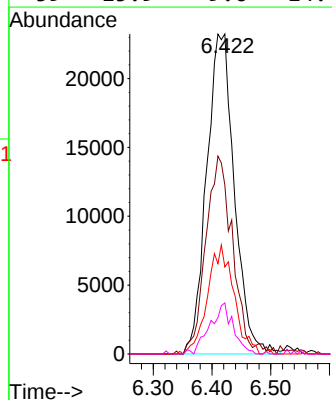
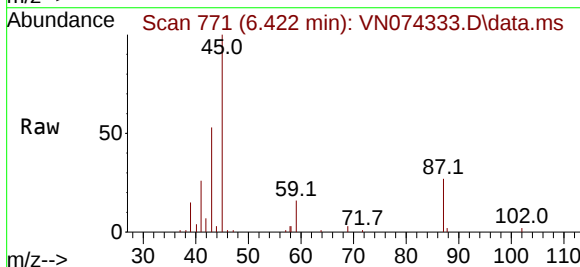
Instrument :
MSVOA_N
ClientSampleId :
MW-40

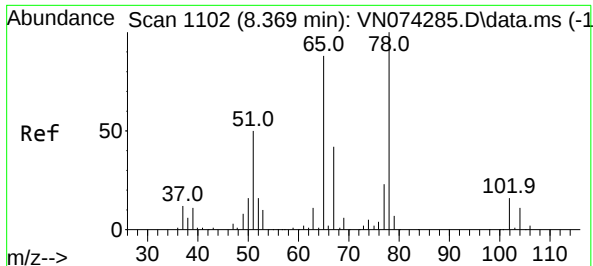
Tgt Ion: 73 Resp: 160856
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



#22
Diisopropyl ether
Concen: 6.146 ug/l
RT: 6.422 min Scan# 771
Delta R.T. 0.006 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion: 45 Resp: 76229
Ion Ratio Lower Upper
45 100
43 52.8 46.6 70.0
87 27.2 24.3 36.5
59 15.9 9.6 14.4#





#33

1,2-Dichloroethane-d4

Concen: 47.575 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074333.D

Acq: 03 Sep 2022 21:48

Instrument :

MSVOA_N

ClientSampleId :

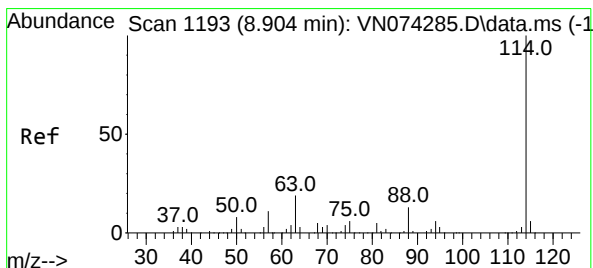
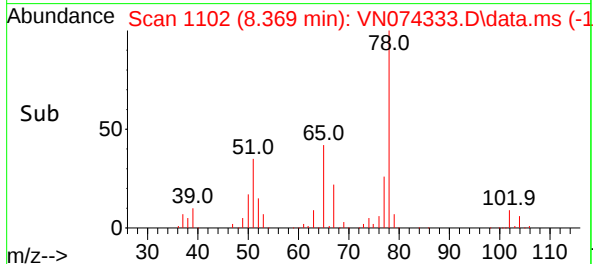
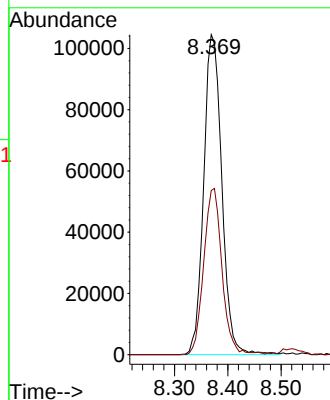
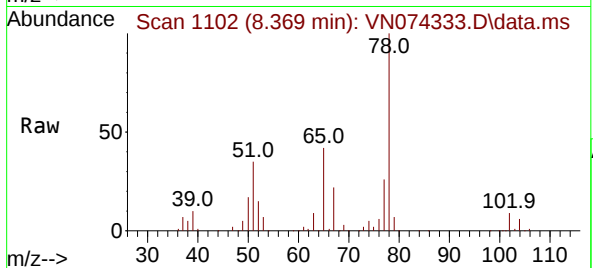
MW-40

Tgt Ion: 65 Resp: 247527

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074333.D

Acq: 03 Sep 2022 21:48

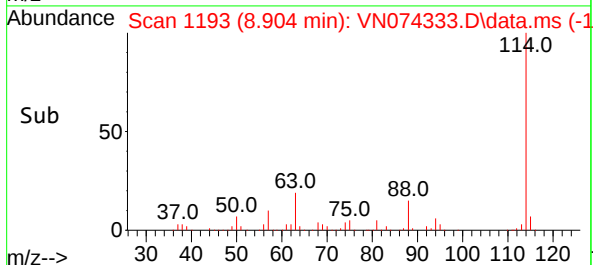
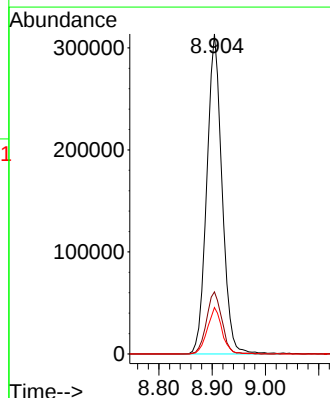
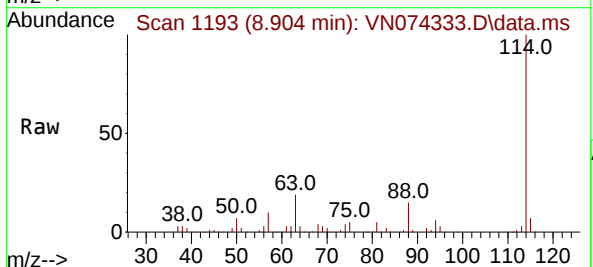
Tgt Ion: 114 Resp: 623982

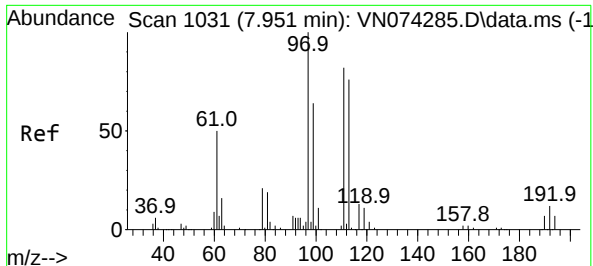
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.150 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074333.D

Acq: 03 Sep 2022 21:48

Instrument :

MSVOA_N

ClientSampleId :

MW-40

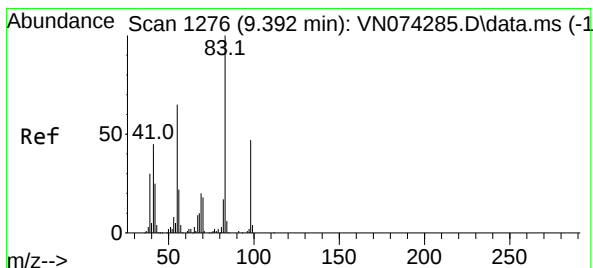
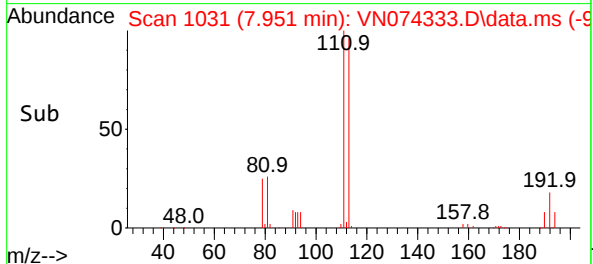
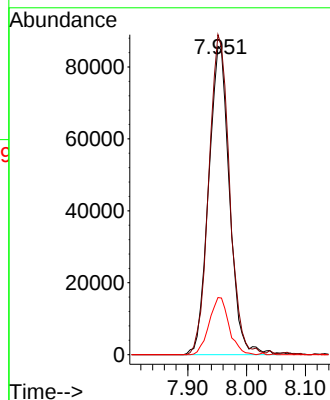
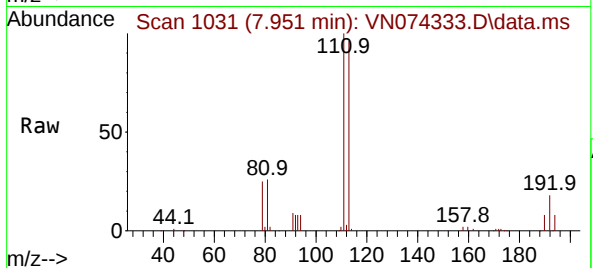
Tgt Ion:113 Resp: 211495

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.6 17.0 25.6



#39

Methylcyclohexane

Concen: 0.541 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074333.D

Acq: 03 Sep 2022 21:48

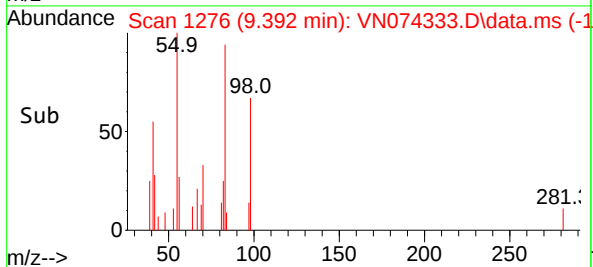
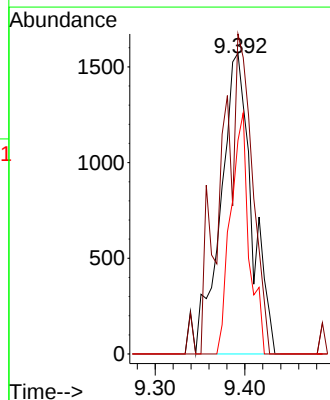
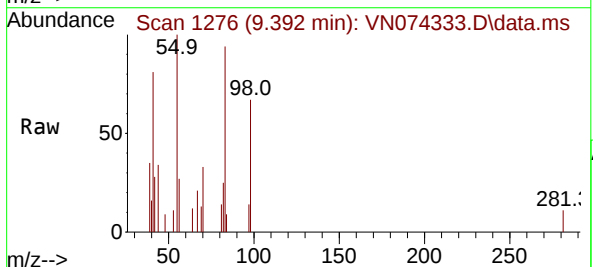
Tgt Ion: 83 Resp: 3828

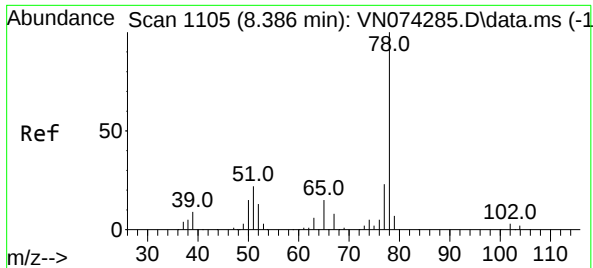
Ion Ratio Lower Upper

83 100

55 106.4 57.8 86.8#

98 70.9 39.4 59.2#

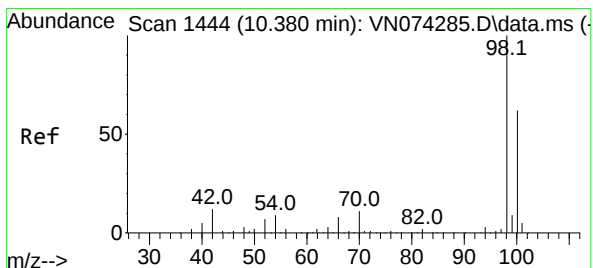
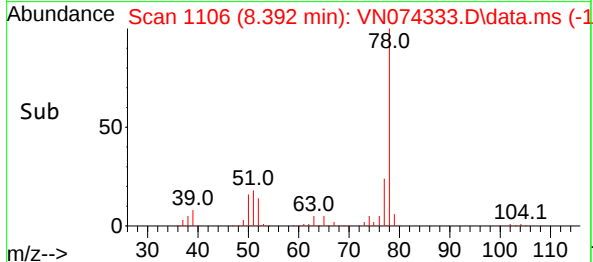
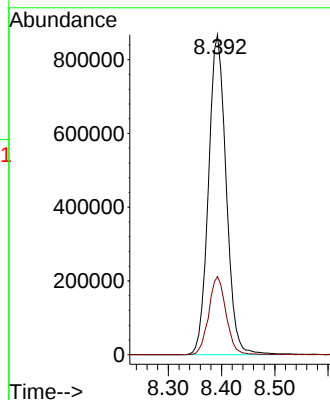
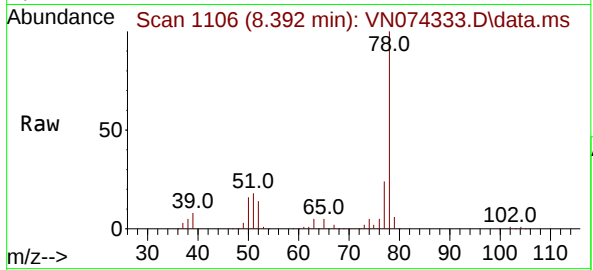




#40
Benzene
Concen: 107.951 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

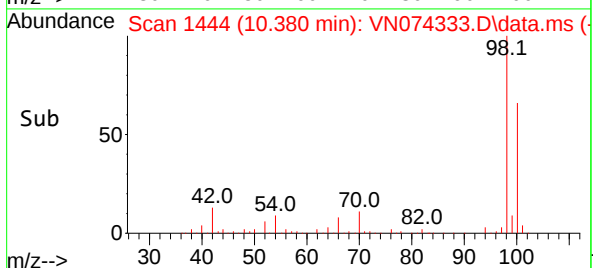
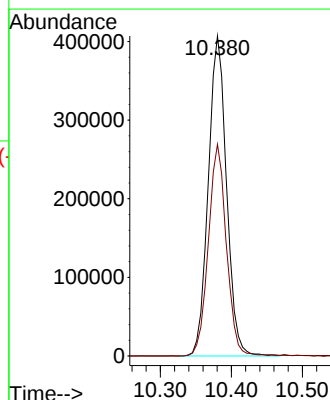
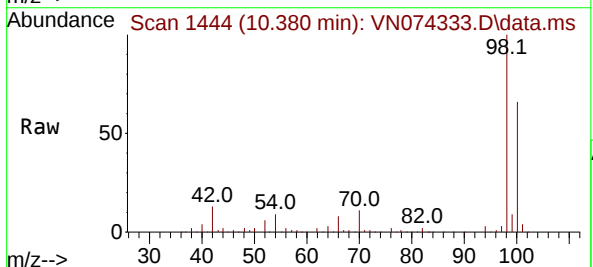
Instrument :
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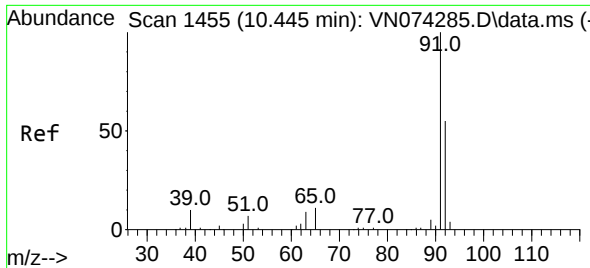
Tgt Ion: 78 Resp: 1998519
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



#50
Toluene-d8
Concen: 44.610 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion: 98 Resp: 727349
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

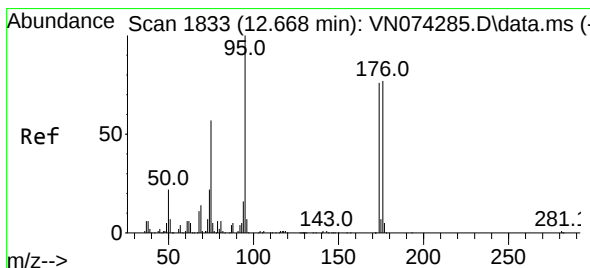
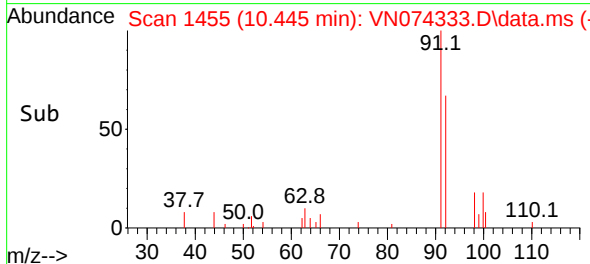
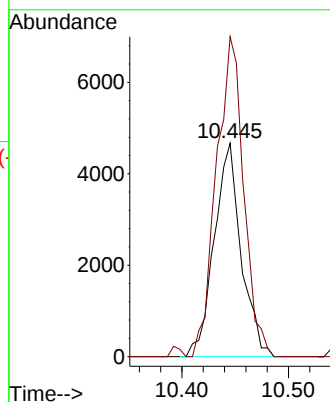
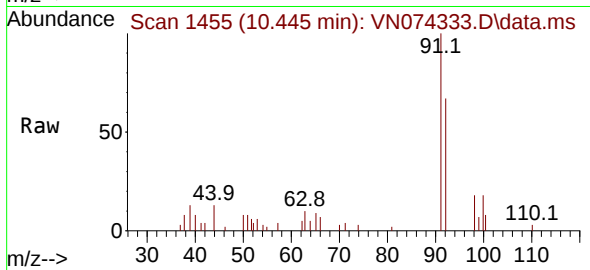




#52
Toluene
Concen: 0.717 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

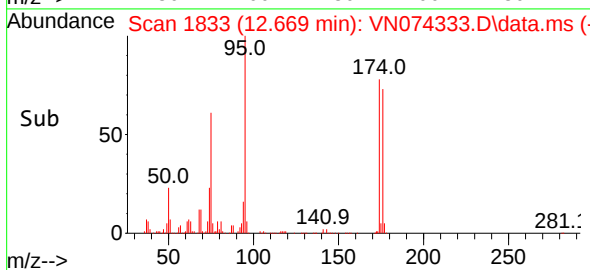
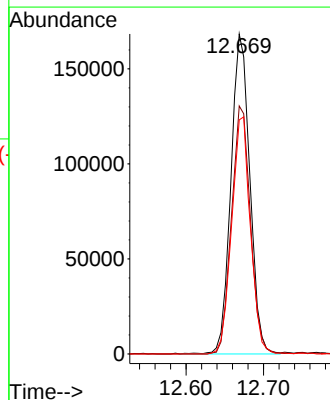
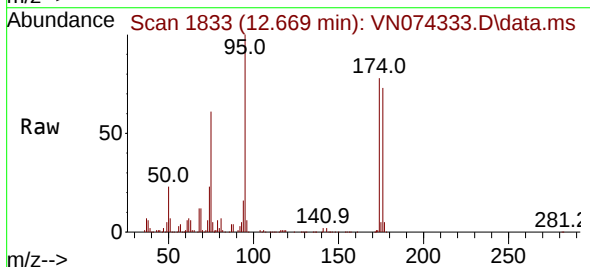
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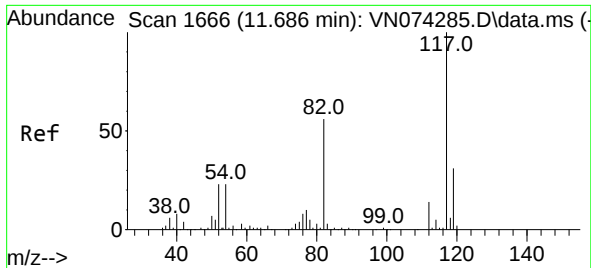
Tgt Ion: 92 Resp: 8204
Ion Ratio Lower Upper
92 100
91 152.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.018 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion: 95 Resp: 285765
Ion Ratio Lower Upper
95 100
174 77.6 0.0 167.6
176 73.5 0.0 163.4

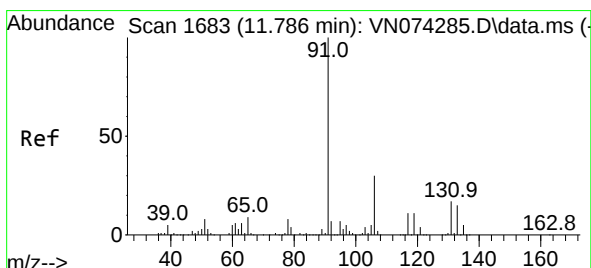
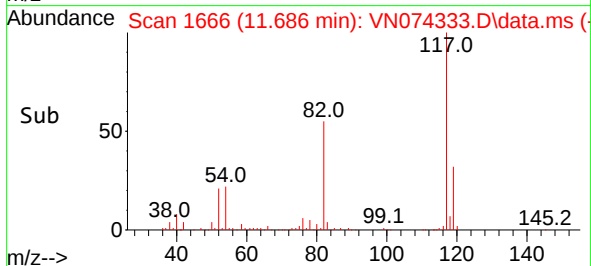
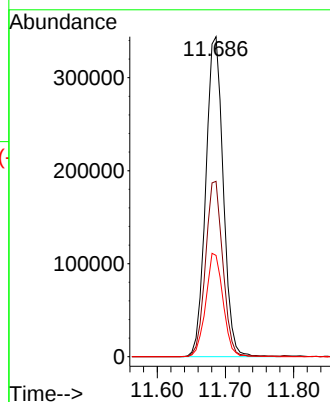
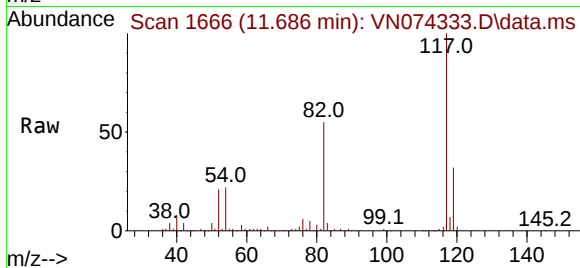




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

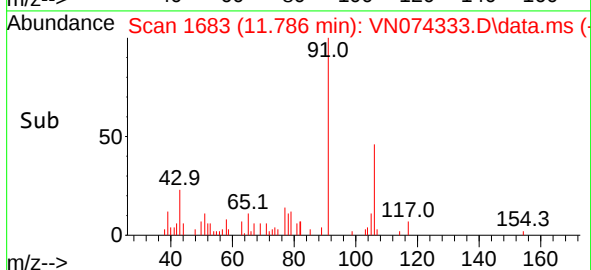
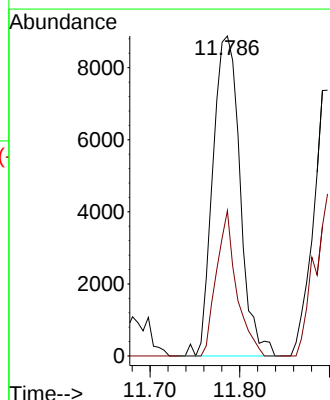
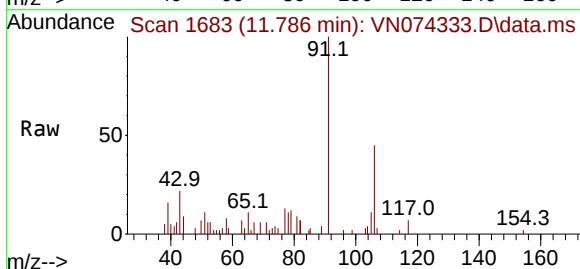
Instrument :
MSVOA_N
ClientSampleId :
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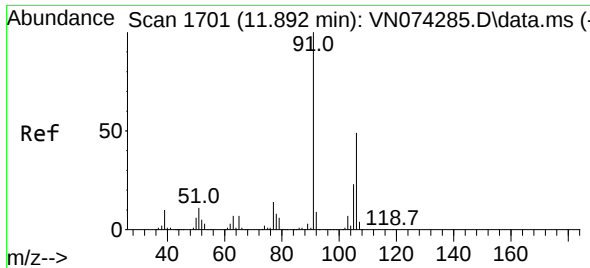
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.2
119	31.6	25.4	38.0



#67
Ethyl Benzene
Concen: 0.759 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	45.4	24.9	37.3

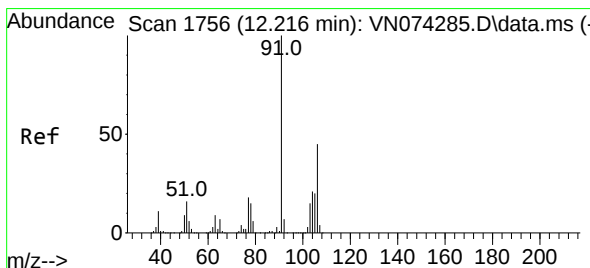
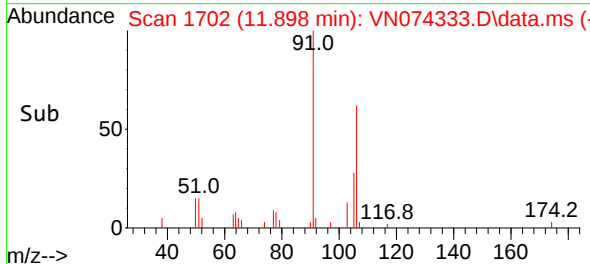
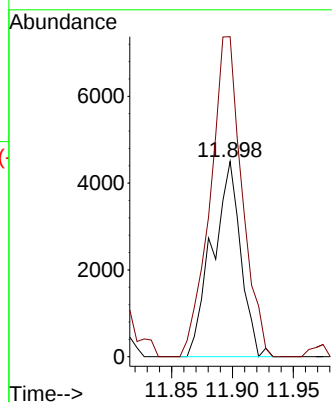
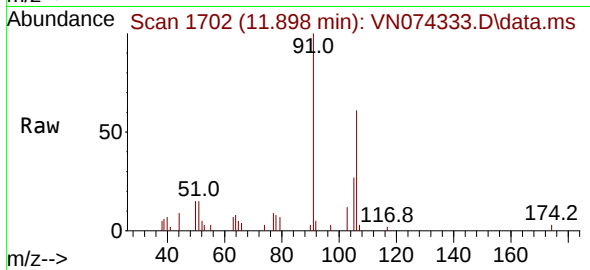




#68
m/p-Xylenes
Concen: 0.793 ug/l
RT: 11.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

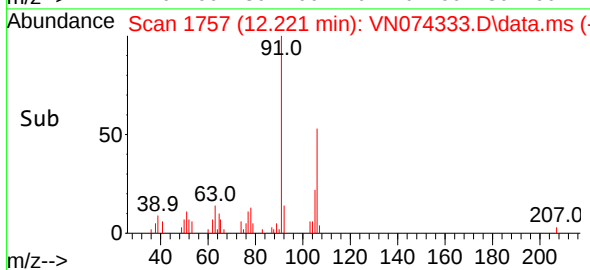
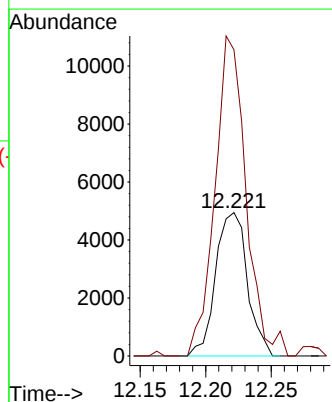
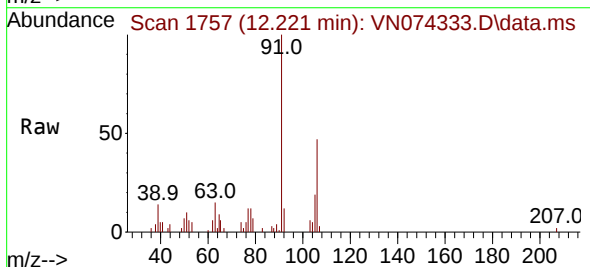
Instrument :
MSVOA_N
ClientSampleId :
MW-40

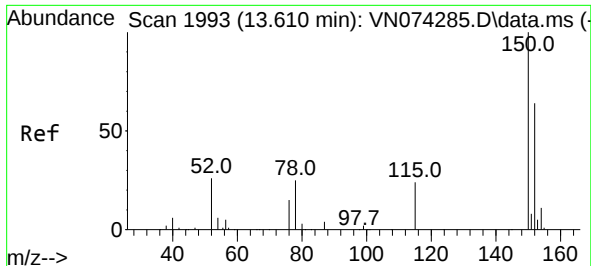
Tgt Ion:106 Resp: 7301
Ion Ratio Lower Upper
106 100
91 183.2 158.9 238.3



#69
o-Xylene
Concen: 0.905 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion:106 Resp: 8319
Ion Ratio Lower Upper
106 100
91 218.0 106.0 318.0

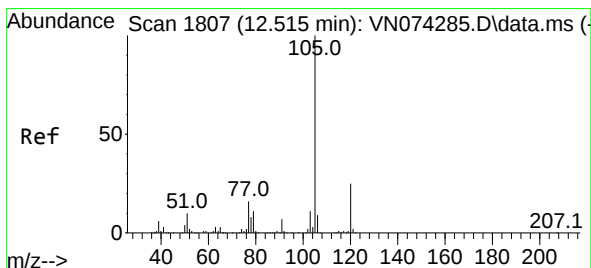
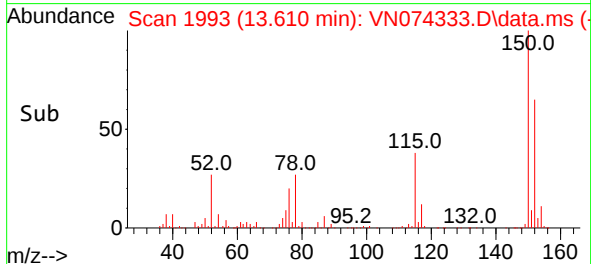
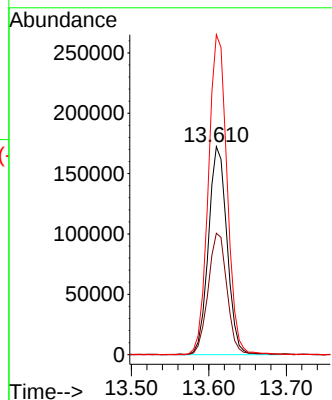
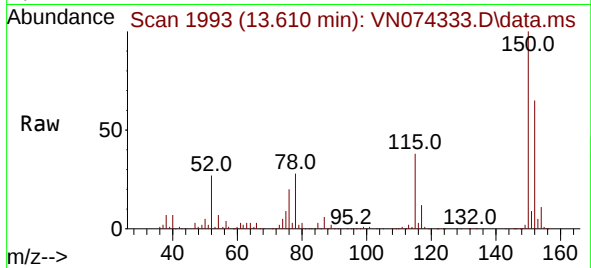




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

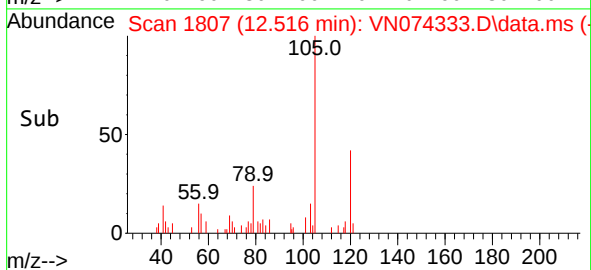
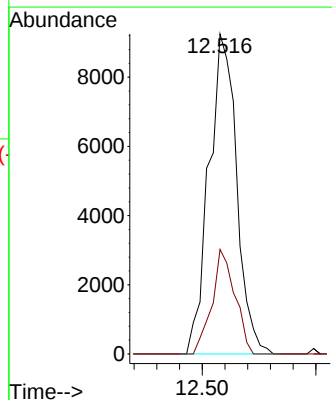
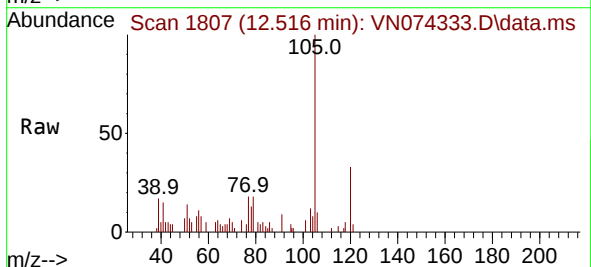
Instrument :
MSVOA_N
ClientSampleId :
MW-40

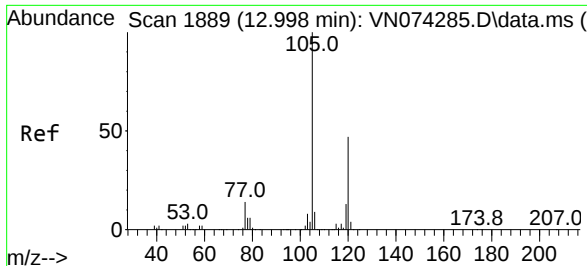
Tgt Ion:152 Resp: 286805
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 155.1 0.0 356.2



#73
Isopropylbenzene
Concen: 0.624 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074333.D
Acq: 03 Sep 2022 21:48

Tgt Ion:105 Resp: 15682
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

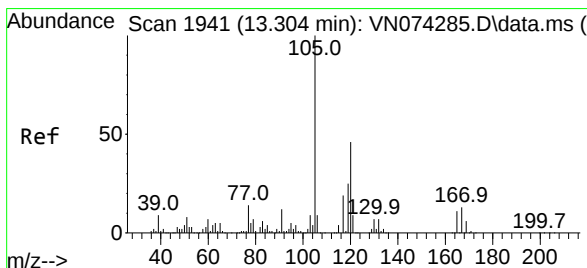
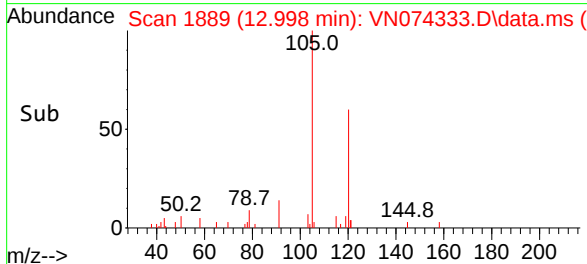
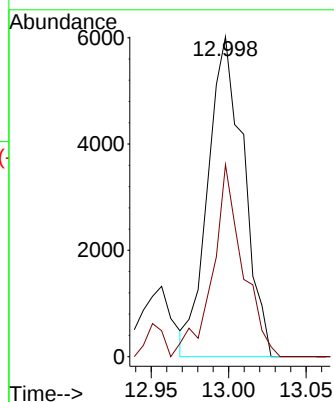
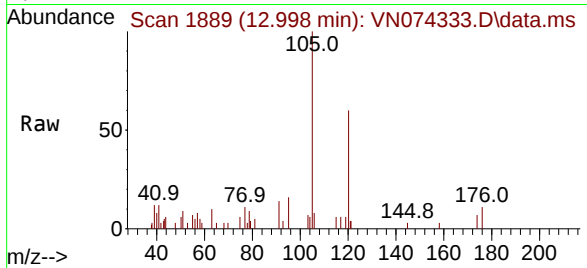




#80
 1,3,5-Trimethylbenzene
 Concen: 0.478 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN074333.D
 Acq: 03 Sep 2022 21:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Tgt Ion:105 Resp: 9631
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.829 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074333.D
 Acq: 03 Sep 2022 21:48

Tgt Ion:105 Resp: 16907
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.8

