

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073380.D
 Acq On : 07 Jul 2022 18:48
 Operator : JC\MD
 Sample : N3586-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31267

Quant Time: Jul 08 03:03:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

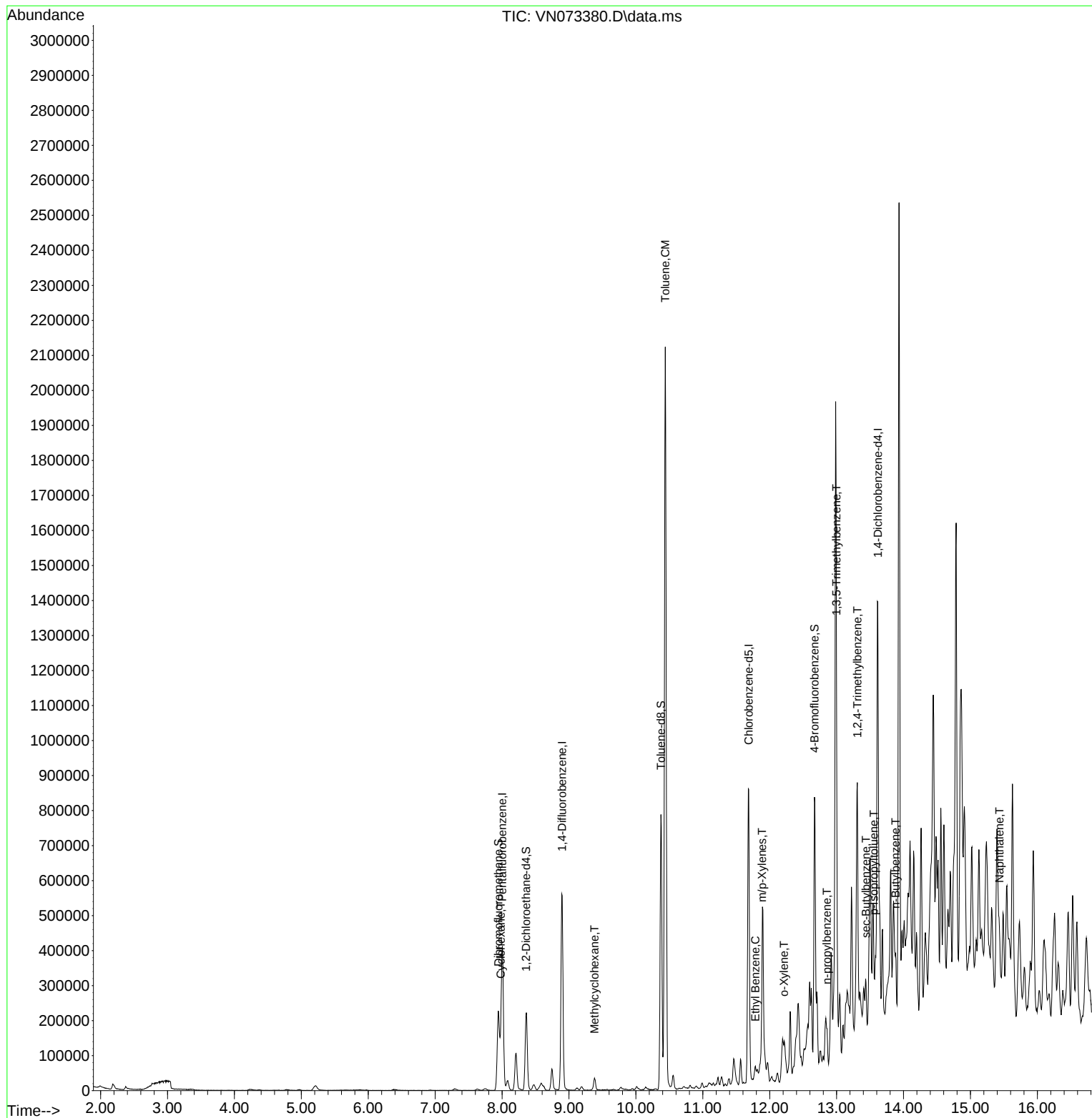
Internal Standards						
1) Pentafluorobenzene	8.004	168	308765	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	508869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	504249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	266561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.357	65	186178	41.769	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.540%
35) Dibromofluoromethane	7.945	113	153831	45.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.880%
50) Toluene-d8	10.375	98	549051	45.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.669	95	264143	57.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.320%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.981	56	20025	2.743	ug/l #	48
39) Methylcyclohexane	9.380	83	13450	2.074	ug/l #	83
52) Toluene	10.439	92	915702	92.164	ug/l	99
67) Ethyl Benzene	11.786	91	20962	1.012	ug/l	96
68) m/p-Xylenes	11.886	106	32940	4.216	ug/l	96
69) o-Xylene	12.216	106	20249	2.539	ug/l	98
78) n-propylbenzene	12.857	91	66864	2.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	92338	4.922	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	364622	19.465	ug/l	98
85) sec-Butylbenzene	13.439	105	52051	2.305	ug/l	81
86) p-Isopropyltoluene	13.557	119	47147	2.584	ug/l	96
89) n-Butylbenzene	13.880	91	119995	7.892	ug/l #	71
95) Naphthalene	15.433	128	83127	4.046	ug/l #	86

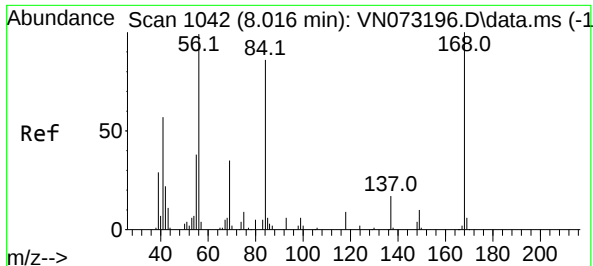
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
Data File : VN073380.D
Acq On : 07 Jul 2022 18:48
Operator : JC\MD
Sample : N3586-01
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31267

Quant Time: Jul 08 03:03:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

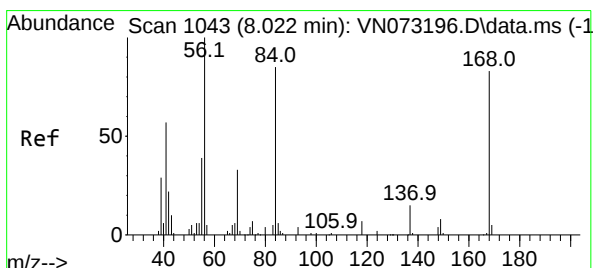
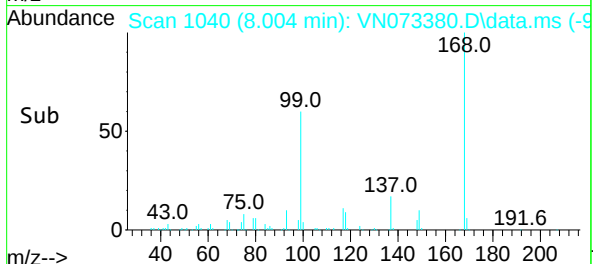
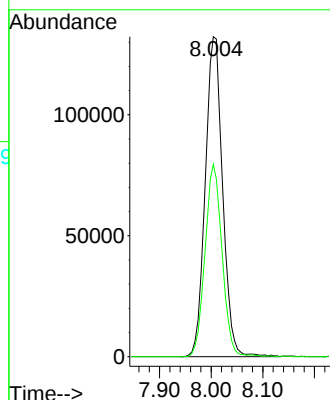
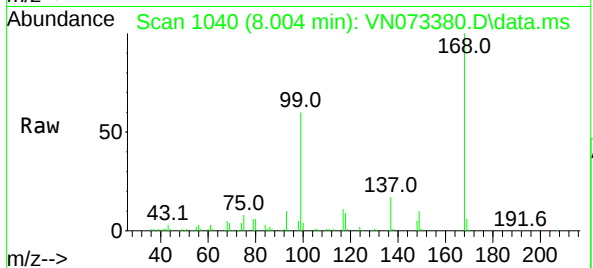




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

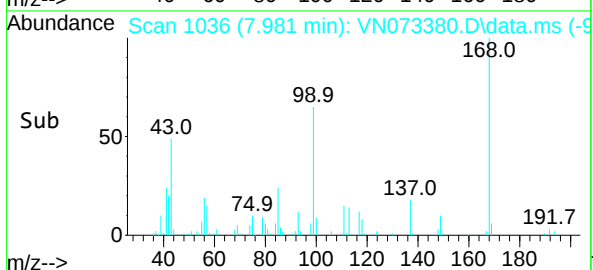
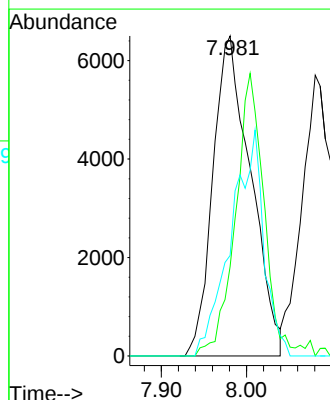
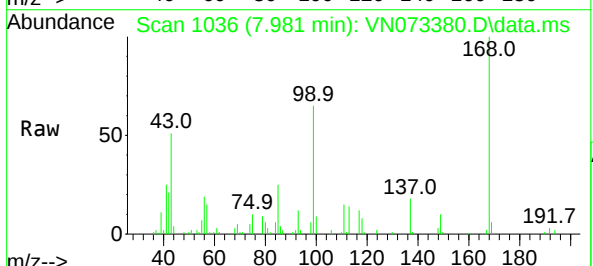
Instrument :
MSVOA_N
ClientSampleId :
31267

Tgt Ion:168 Resp: 308765
Ion Ratio Lower Upper
168 100
99 60.1 42.3 63.5



#31
Cyclohexane
Concen: 2.743 ug/l
RT: 7.981 min Scan# 1036
Delta R.T. -0.041 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 56 Resp: 20025
Ion Ratio Lower Upper
56 100
69 27.9 27.8 41.8
84 31.4 76.9 115.3#

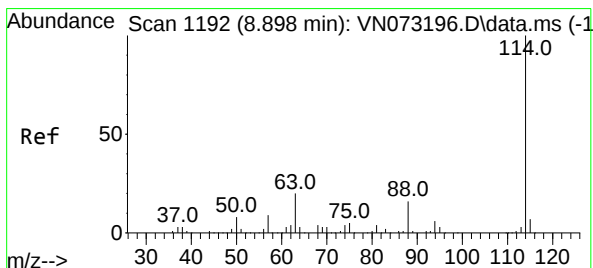
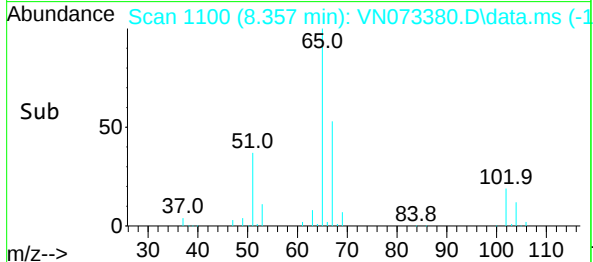
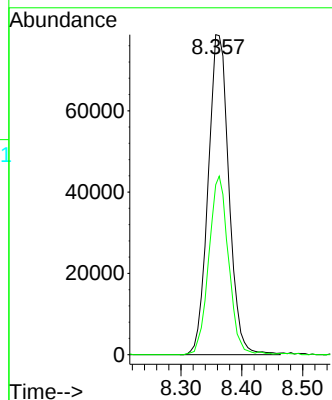
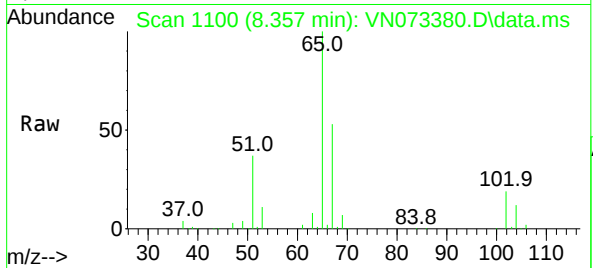




#33
1,2-Dichloroethane-d4
Concen: 41.769 ug/l
RT: 8.357 min Scan# 1100
Delta R.T. -0.012 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

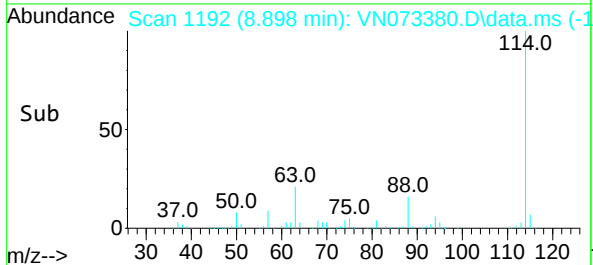
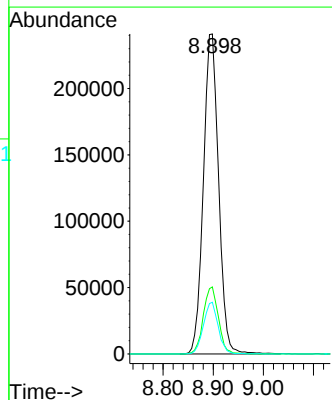
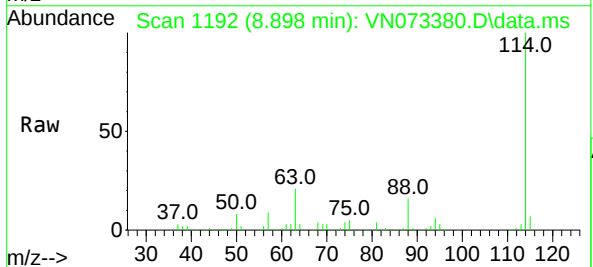
Instrument :
MSVOA_N
ClientSampleId :
31267

Tgt Ion: 65 Resp: 186178
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion:114 Resp: 508869
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 16.1 0.0 32.6

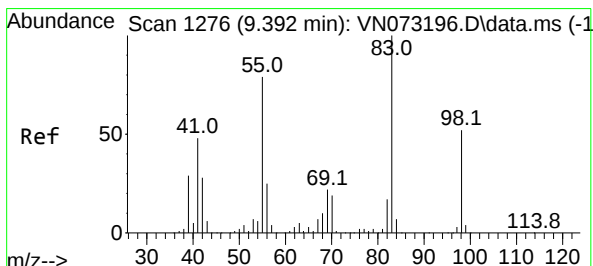
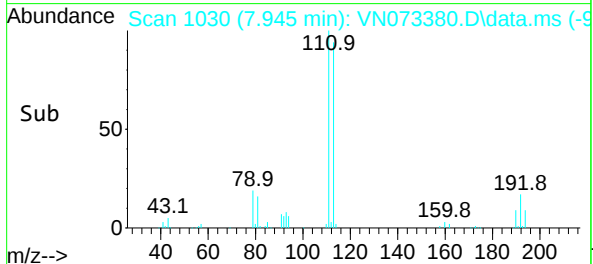
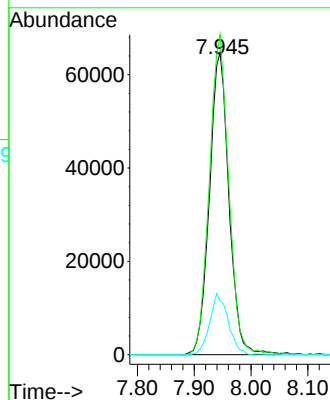
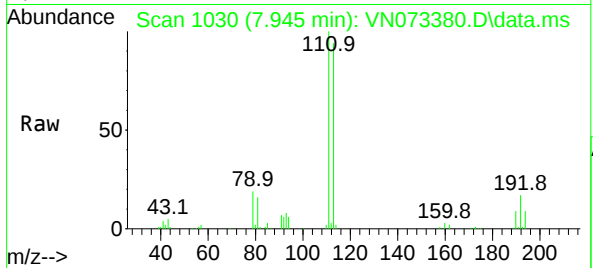




#35
Dibromofluoromethane
Concen: 45.437 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

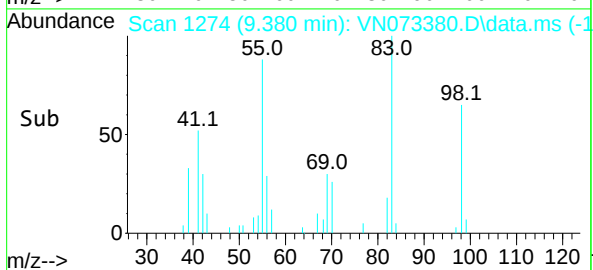
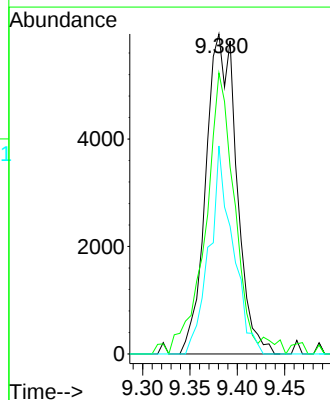
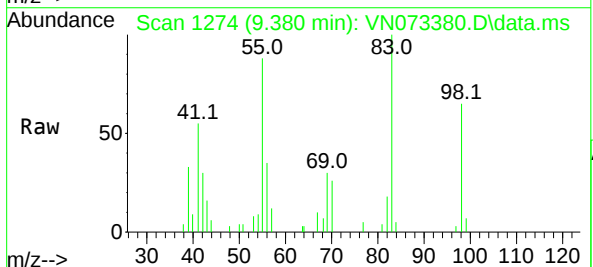
Instrument :
MSVOA_N
ClientSampleId :
31267

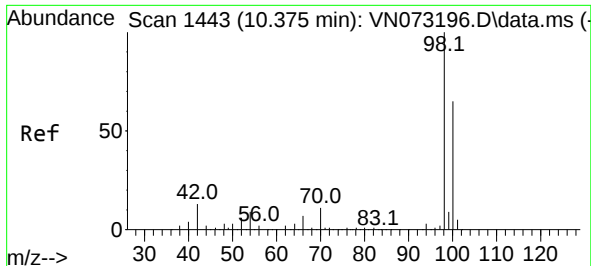
Tgt Ion:113 Resp: 153831
Ion Ratio Lower Upper
113 100
111 105.7 81.4 122.0
192 19.2 17.0 25.6



#39
Methylcyclohexane
Concen: 2.074 ug/l
RT: 9.380 min Scan# 1274
Delta R.T. -0.011 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 83 Resp: 13450
Ion Ratio Lower Upper
83 100
55 83.5 57.8 86.8
98 65.0 39.4 59.2#

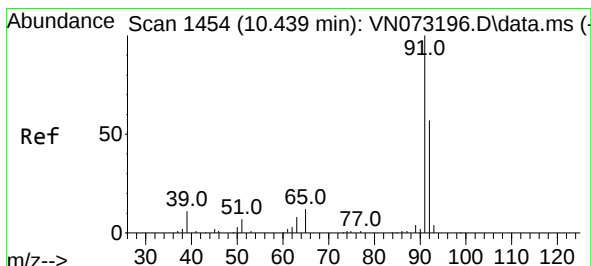
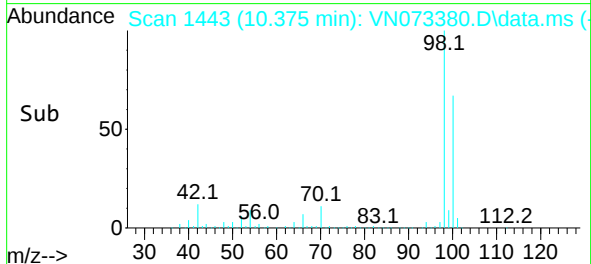
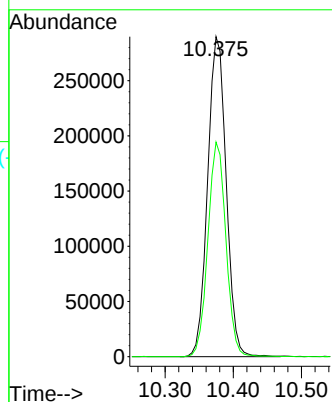
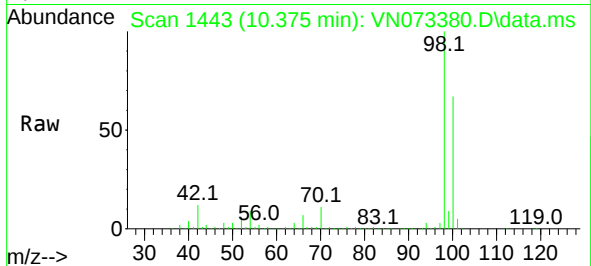




#50
Toluene-d8
Concen: 45.661 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

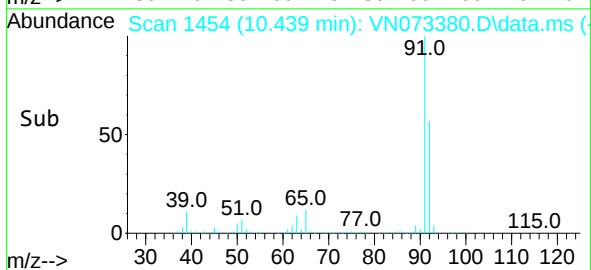
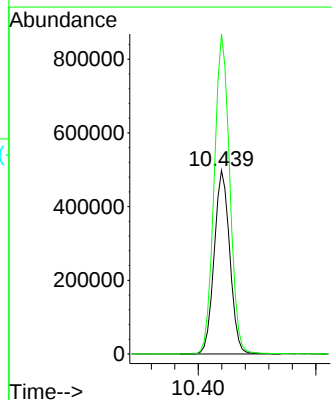
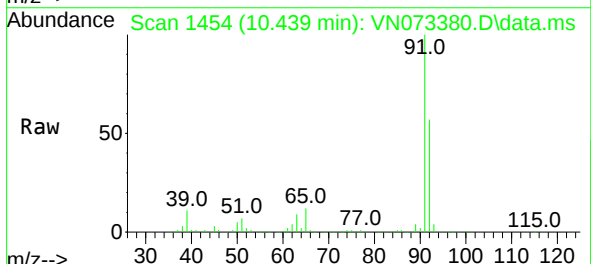
Instrument :
MSVOA_N
ClientSampleId :
31267

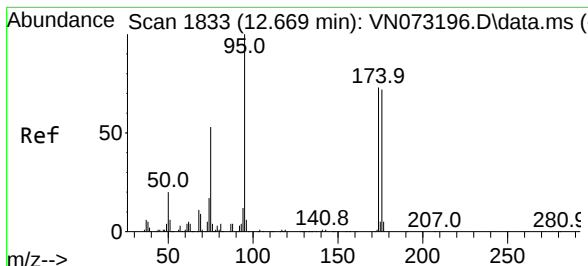
Tgt Ion: 98 Resp: 549051
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 92.164 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 92 Resp: 915702
Ion Ratio Lower Upper
92 100
91 174.1 138.6 207.8

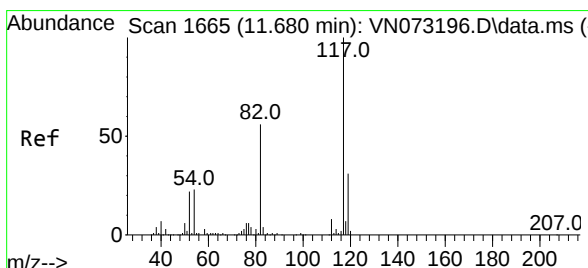
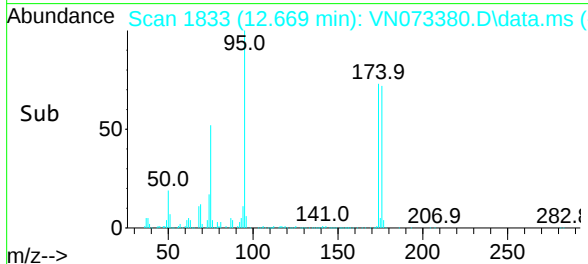
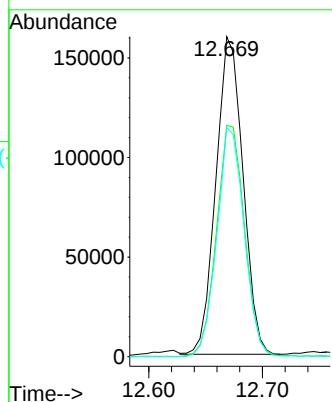
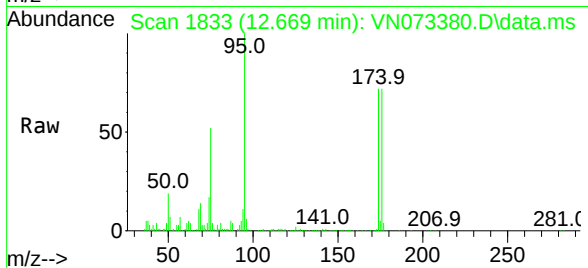




#62
4-Bromofluorobenzene
Concen: 57.162 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

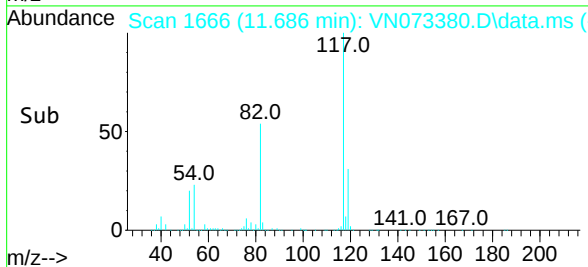
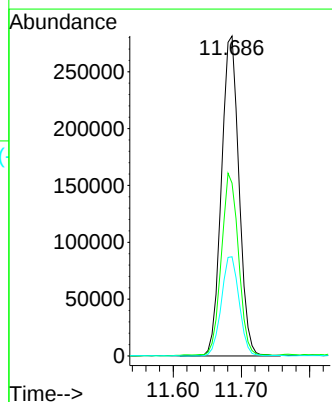
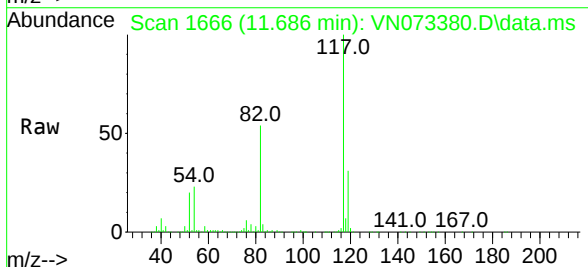
Instrument :
MSVOA_N
ClientSampleId :
31267

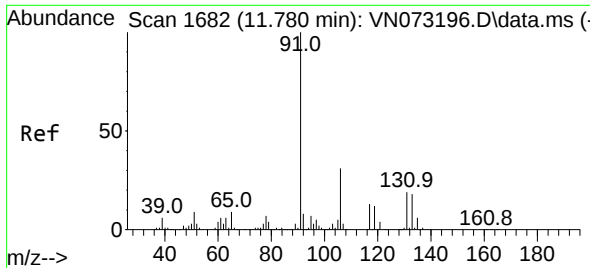
Tgt Ion: 95 Resp: 264143
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.6
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 117 Resp: 504249
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.0 25.4 38.0

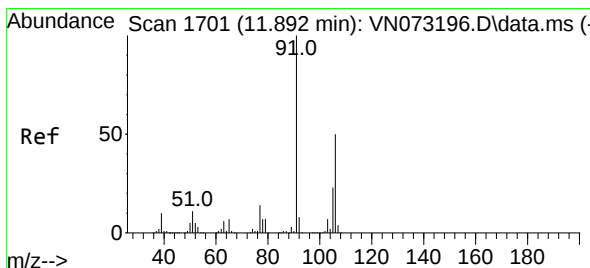
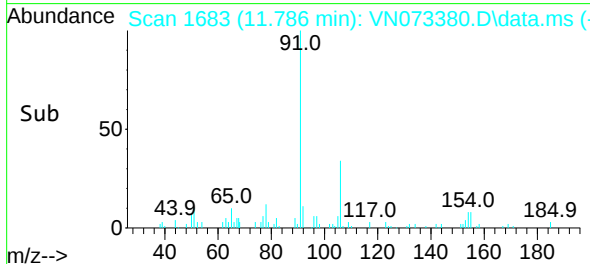
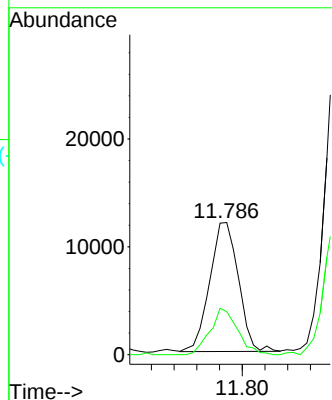
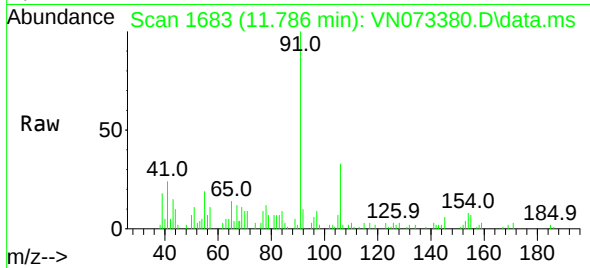




#67
Ethyl Benzene
Concen: 1.012 ug/l
RT: 11.786 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

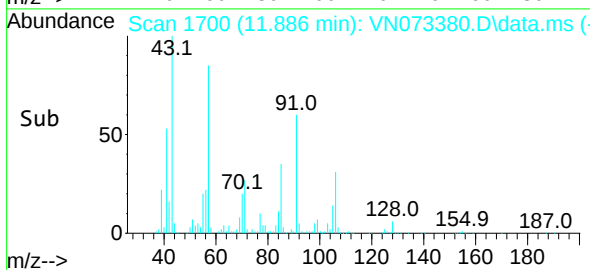
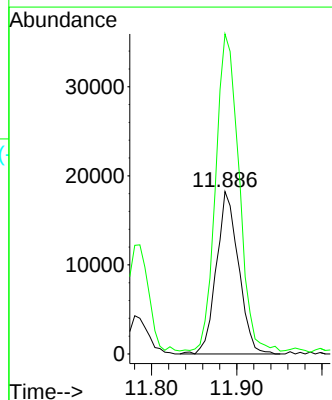
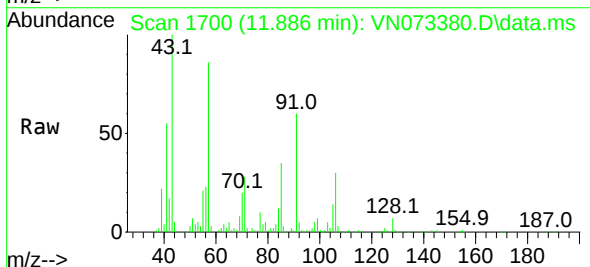
Instrument :
MSVOA_N
ClientSampleId :
31267

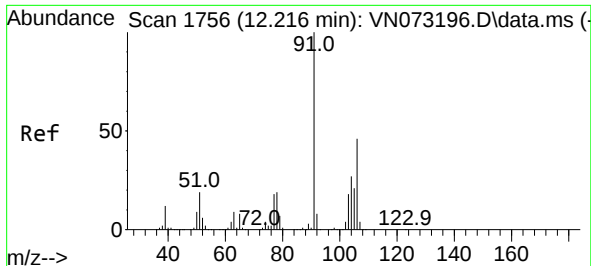
Tgt Ion: 91 Resp: 20962
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3



#68
m/p-Xylenes
Concen: 4.216 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion:106 Resp: 32940
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3

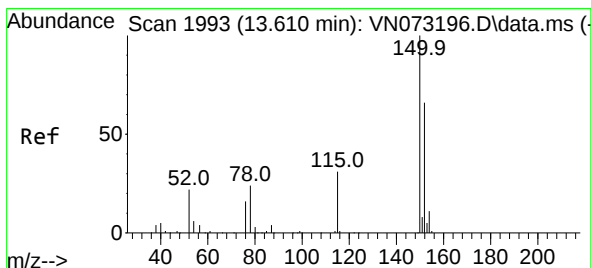
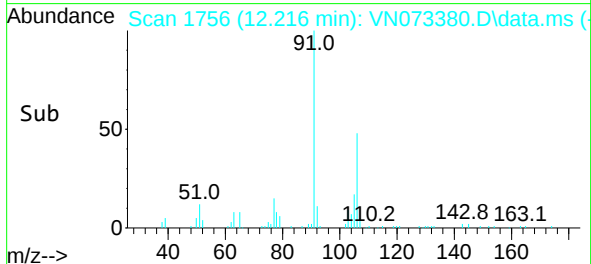
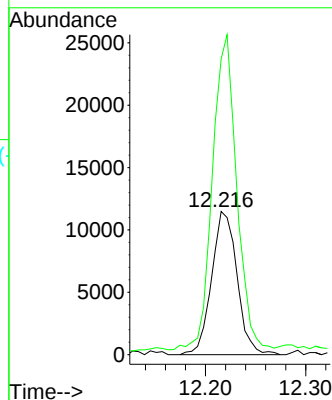
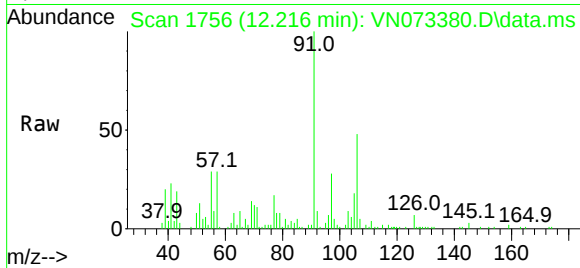




#69
o-Xylene
Concen: 2.539 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

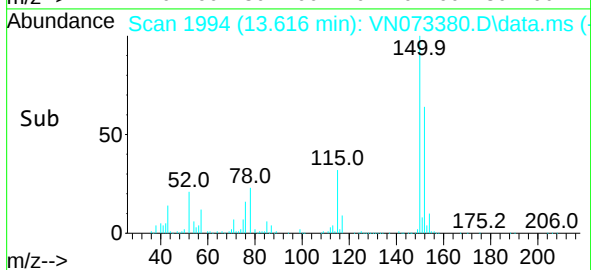
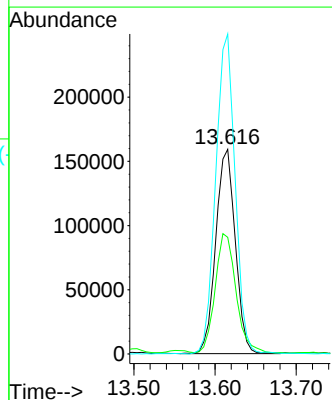
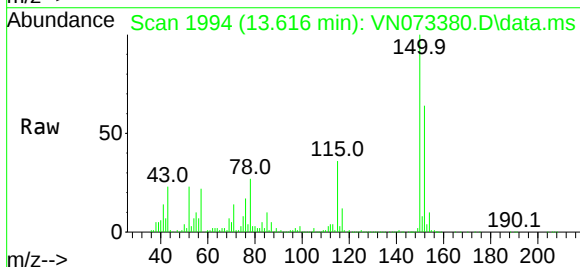
Instrument :
MSVOA_N
ClientSampleId :
31267

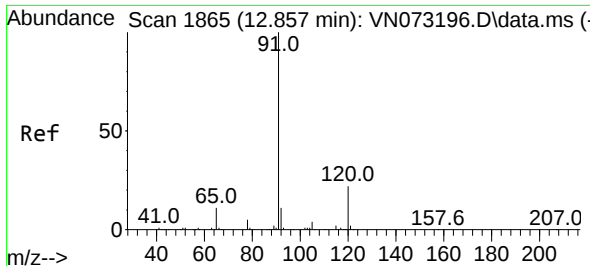
Tgt Ion:106 Resp: 20249
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion:152 Resp: 266561
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 155.9 0.0 356.2

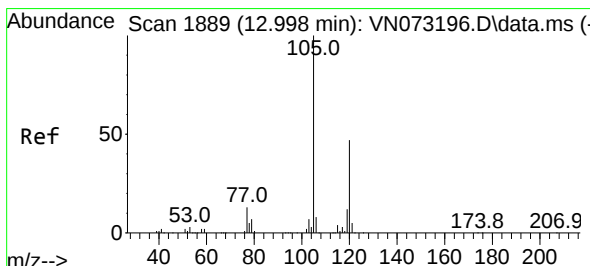
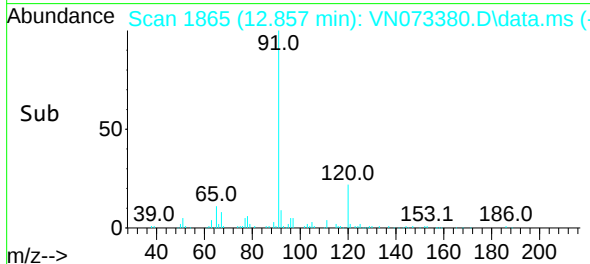
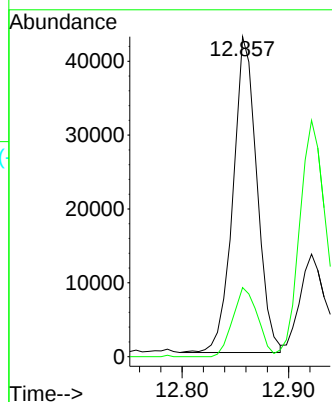
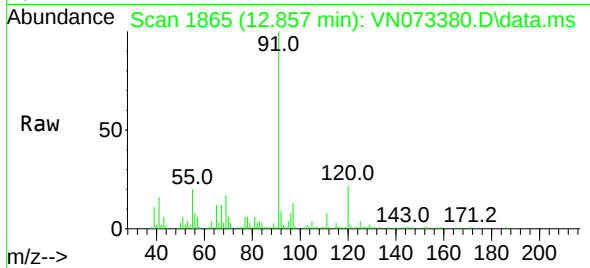




#78
n-propylbenzene
Concen: 2.615 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

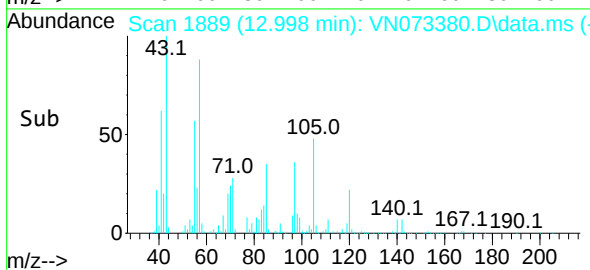
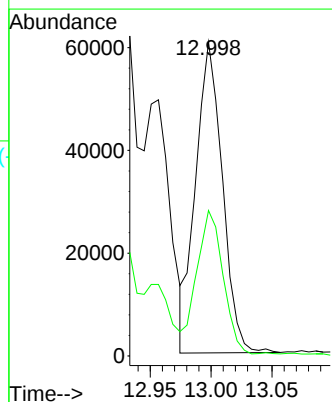
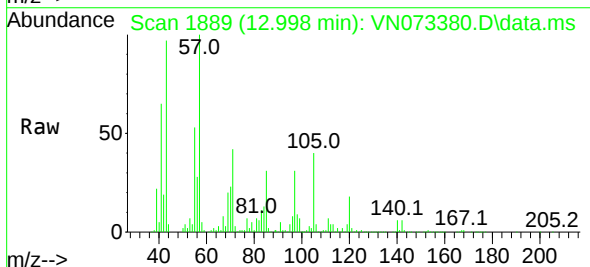
Instrument : MSVOA_N
ClientSampleId : 31267

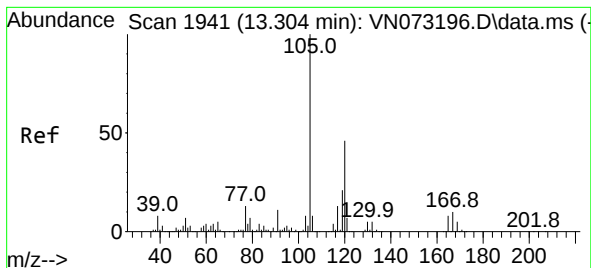
Tgt Ion: 91 Resp: 66864
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.922 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 105 Resp: 92338
Ion Ratio Lower Upper
105 100
120 45.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 19.465 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073380.D

Acq: 07 Jul 2022 18:48

Instrument :

MSVOA_N

ClientSampleId :

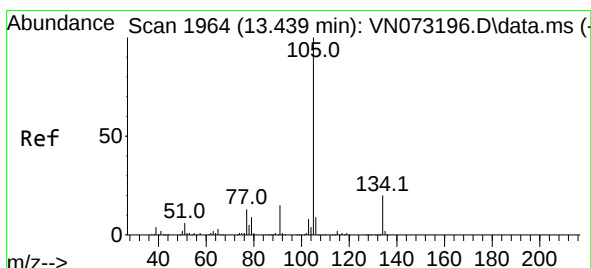
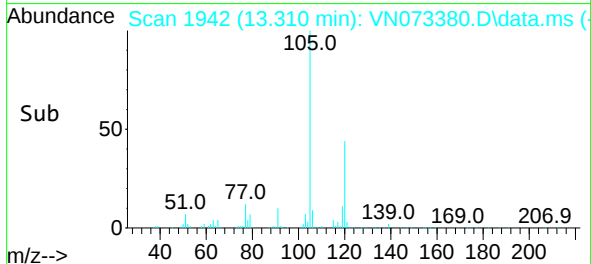
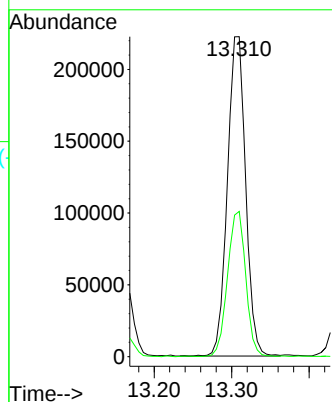
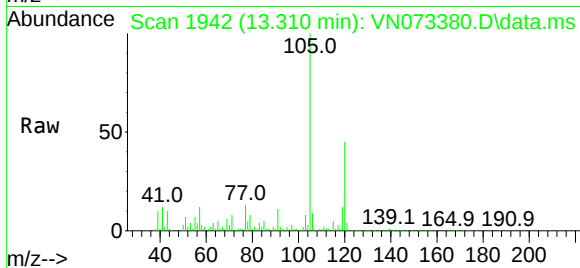
31267

Tgt Ion:105 Resp: 364622

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8



#85

sec-Butylbenzene

Concen: 2.305 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073380.D

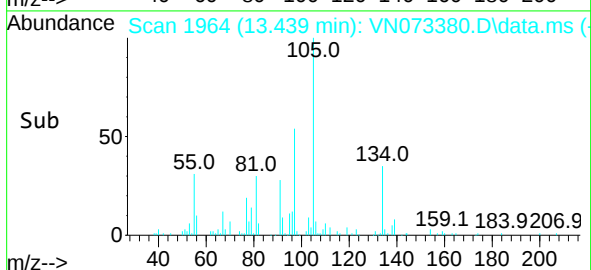
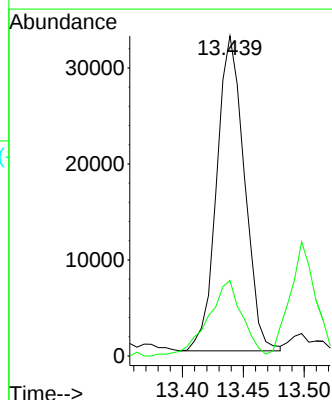
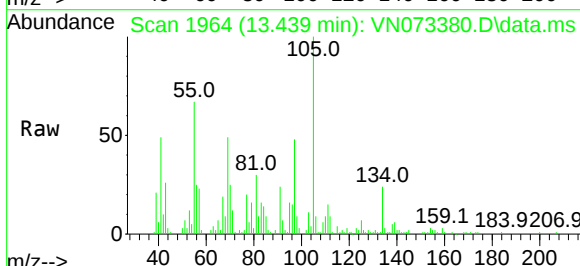
Acq: 07 Jul 2022 18:48

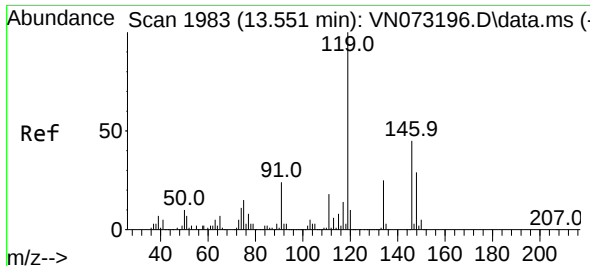
Tgt Ion:105 Resp: 52051

Ion Ratio Lower Upper

105 100

134 29.4 10.4 31.1

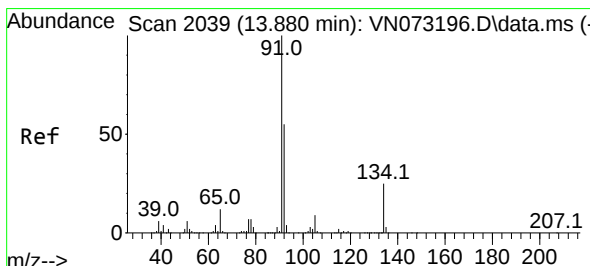
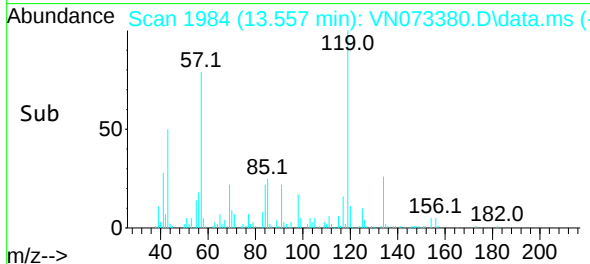
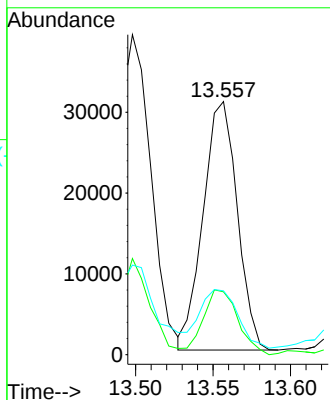
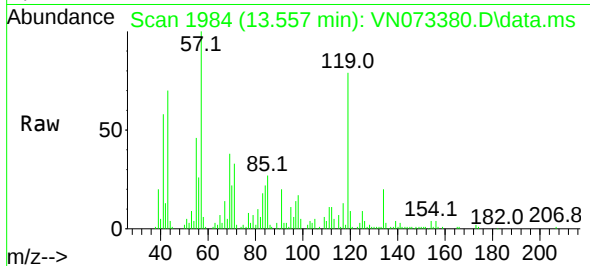




#86
p-Isopropyltoluene
Concen: 2.584 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

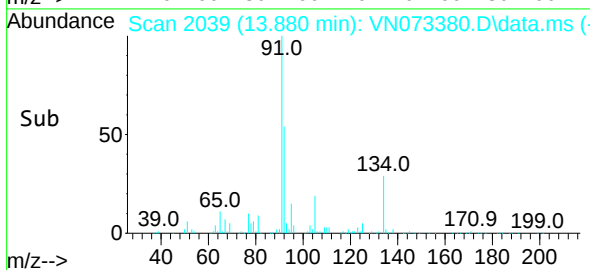
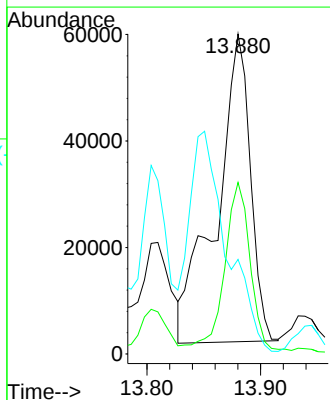
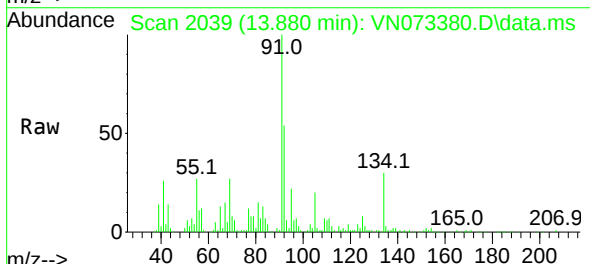
Instrument :
MSVOA_N
ClientSampleId :
31267

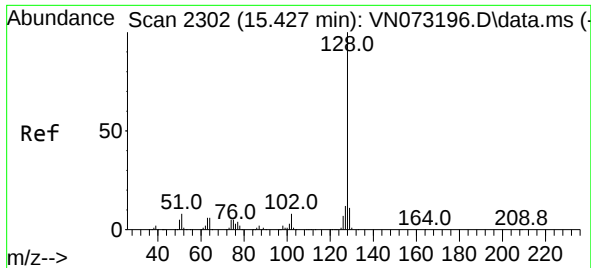
Tgt Ion:119 Resp: 47147
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 27.0 11.3 33.9



#89
n-Butylbenzene
Concen: 7.892 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073380.D
Acq: 07 Jul 2022 18:48

Tgt Ion: 91 Resp: 119995
Ion Ratio Lower Upper
91 100
92 41.3 26.9 80.7
134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 4.046 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073380.D

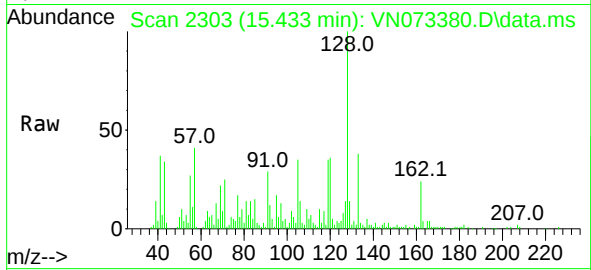
Acq: 07 Jul 2022 18:48

Instrument :

MSVOA_N

ClientSampleId :

31267



Tgt Ion:128 Resp: 83127

Ion Ratio Lower Upper

128 100

127 18.2 10.3 15.5#

129 16.2 8.6 13.0#

