

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073749.D
 Acq On : 04 Aug 2022 20:26
 Operator : JC\MD
 Sample : N4056-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE

Quant Time: Aug 05 00:34:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

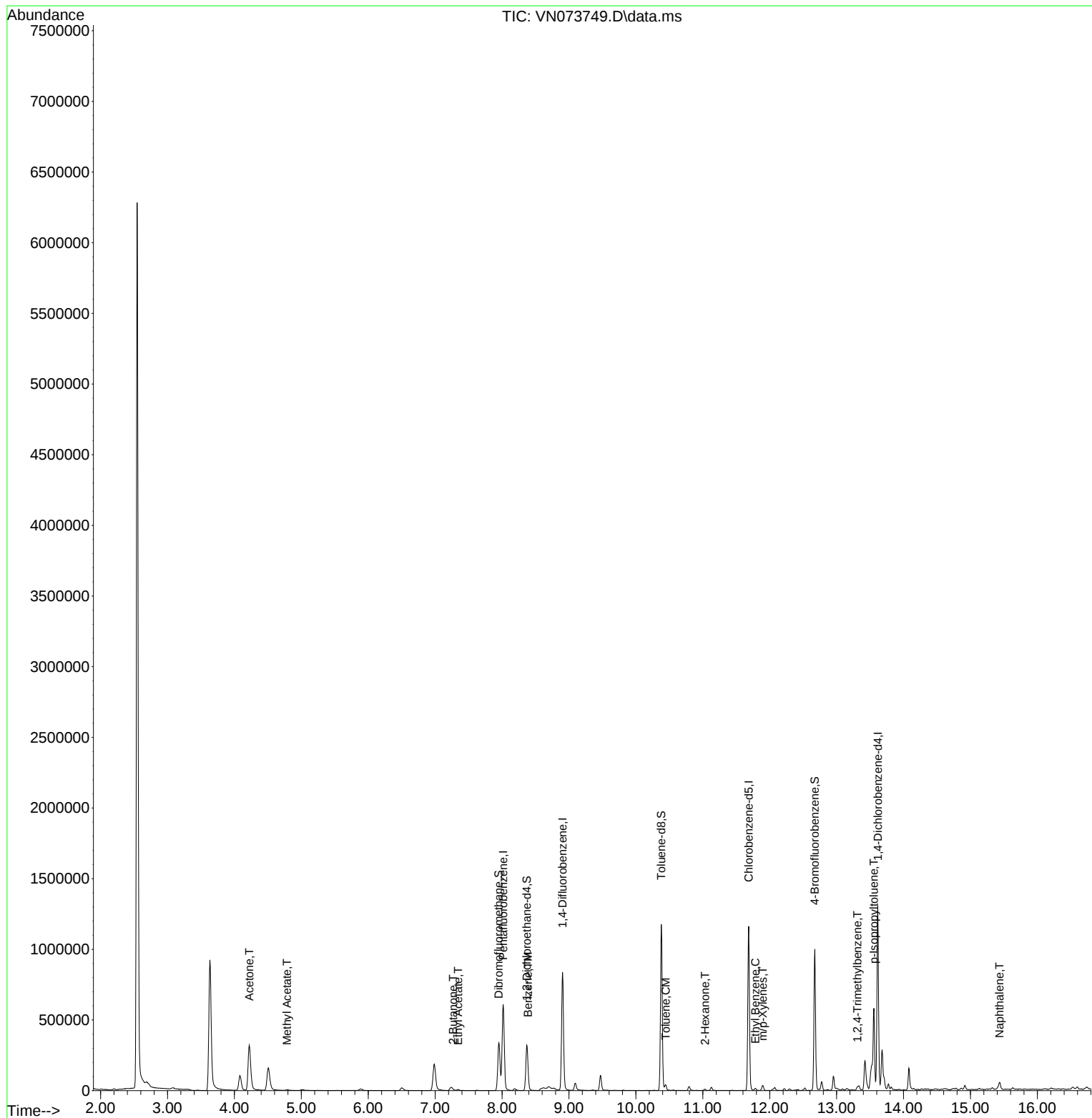
Internal Standards						
1) Pentafluorobenzene	8.016	168	500917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	775570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	704497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	366047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	263837	43.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.440%		
35) Dibromofluoromethane	7.951	113	253085	51.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.940%		
50) Toluene-d8	10.380	98	841579	43.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.820%		
62) 4-Bromofluorobenzene	12.674	95	323634	50.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds					Qvalue	
16) Acetone	4.222	43	579398	176.712	ug/l	99
18) Methyl Acetate	4.787	43	8495	1.041	ug/l	96
25) 2-Butanone	7.269	43	6050	1.188	ug/l	98
37) Ethyl Acetate	7.345	43	10273	1.124	ug/l	98
40) Benzene	8.386	78	6644	0.295	ug/l #	82
52) Toluene	10.445	92	15778	1.146	ug/l	97
59) 2-Hexanone	11.033	43	6919	1.031	ug/l	85
67) Ethyl Benzene	11.786	91	10491	0.416	ug/l	95
68) m/p-Xylenes	11.898	106	12395	1.287	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	12857	0.593	ug/l	94
86) p-Isopropyltoluene	13.557	119	342878	16.112	ug/l	97
95) Naphthalene	15.433	128	54992	2.644	ug/l	99

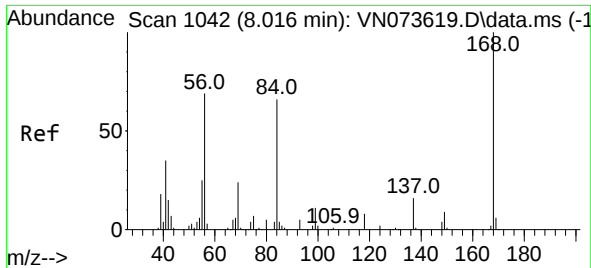
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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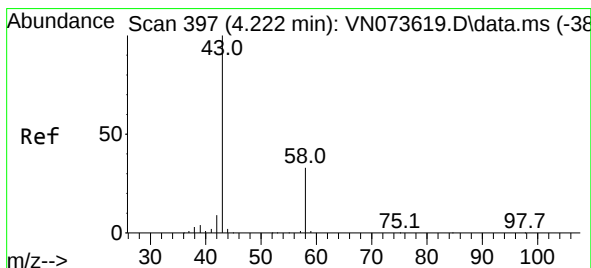
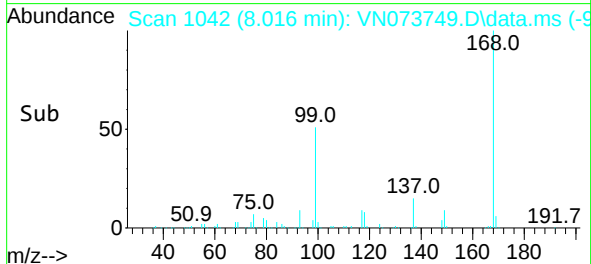
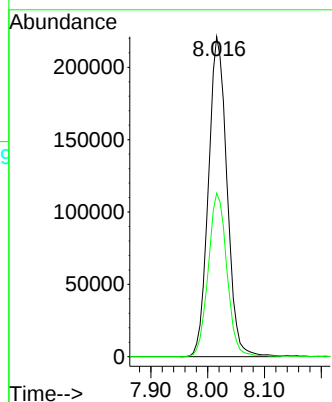
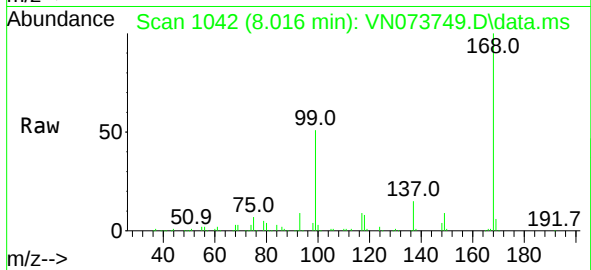




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

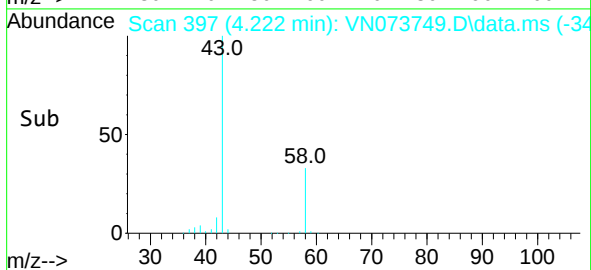
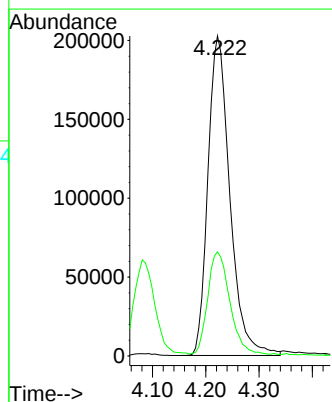
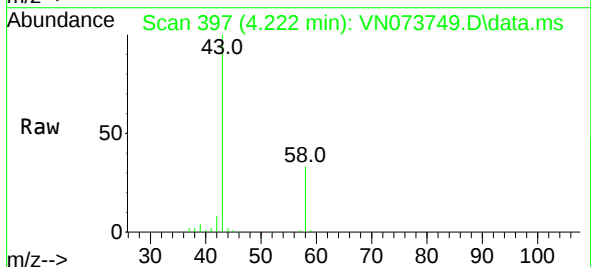
Instrument :
MSVOA_N
ClientSampleId :
TOTE

Tgt Ion:168 Resp: 500917
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#16
Acetone
Concen: 176.712 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 43 Resp: 579398
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0

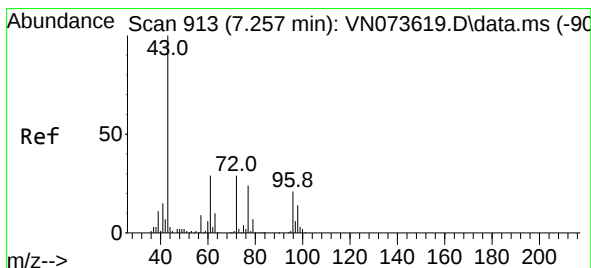
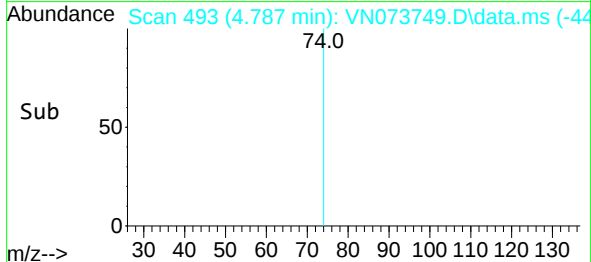
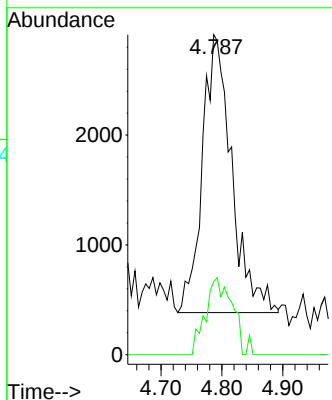
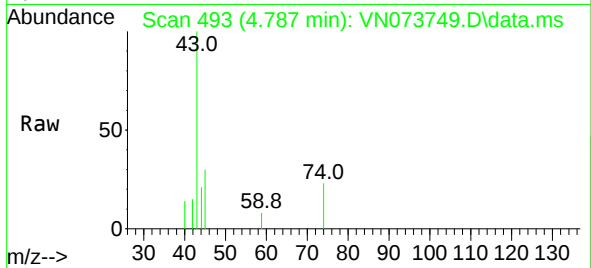




#18
Methyl Acetate
Concen: 1.041 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

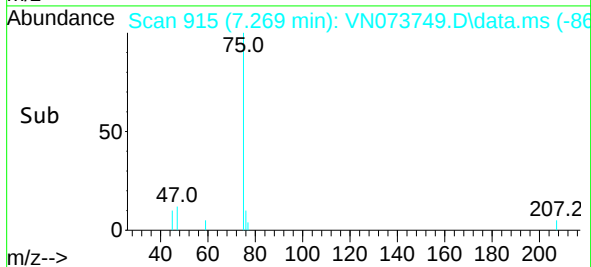
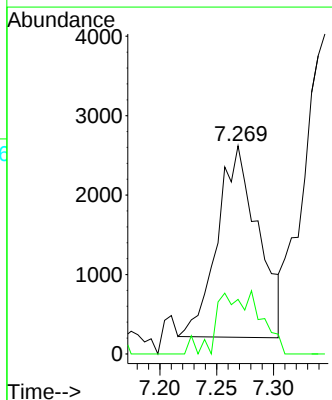
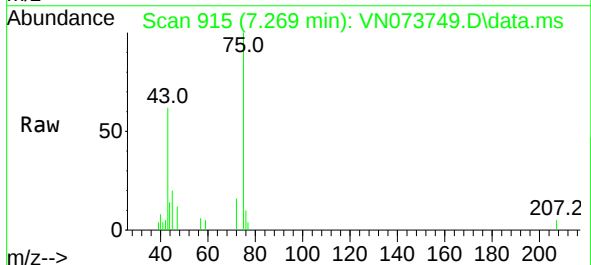
Instrument :
MSVOA_N
ClientSampleId :
TOTE

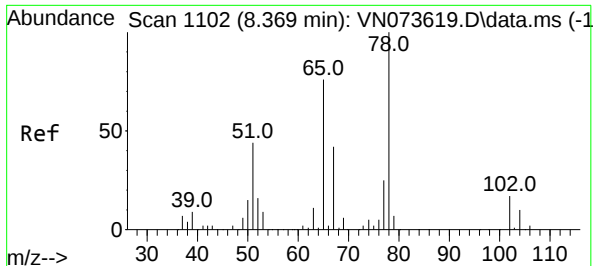
Tgt Ion: 43 Resp: 8495
Ion Ratio Lower Upper
43 100
74 24.7 21.6 32.4



#25
2-Butanone
Concen: 1.188 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 43 Resp: 6050
Ion Ratio Lower Upper
43 100
72 28.6 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 43.220 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073749.D

Acq: 04 Aug 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

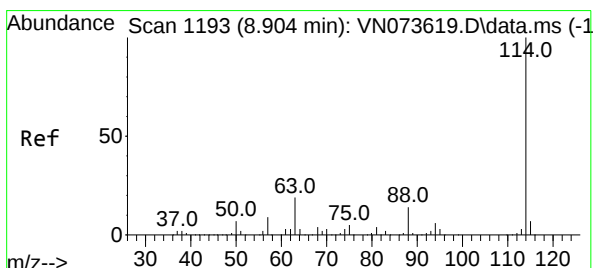
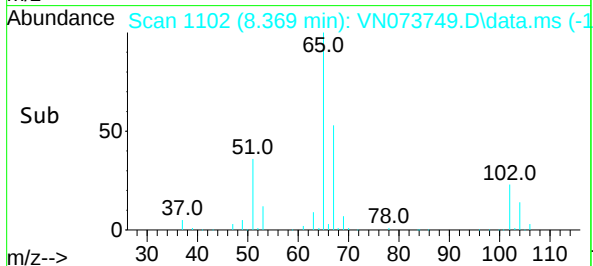
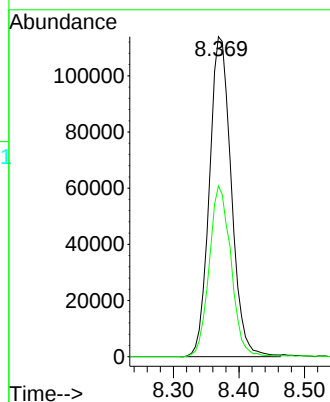
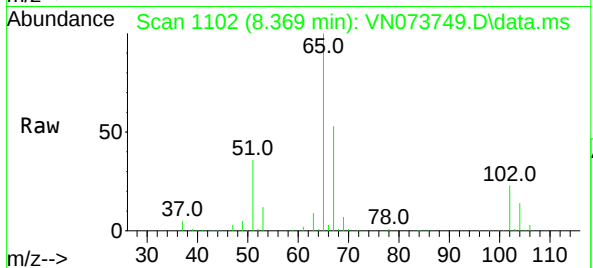
TOTE

Tgt Ion: 65 Resp: 263837

Ion Ratio Lower Upper

65 100

67 53.1 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: VN073749.D

Acq: 04 Aug 2022 20:26

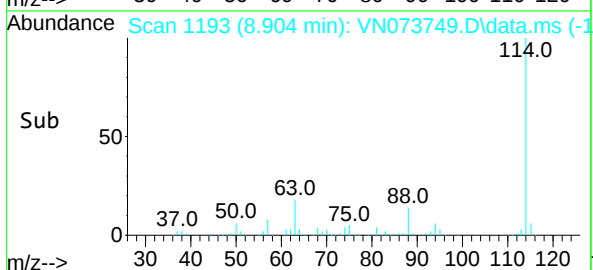
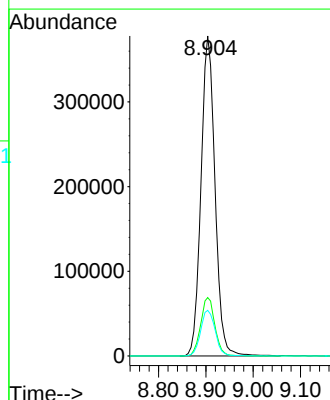
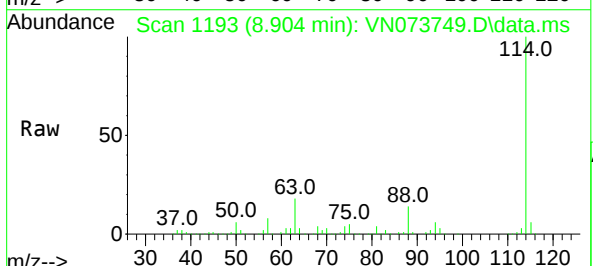
Tgt Ion: 114 Resp: 775570

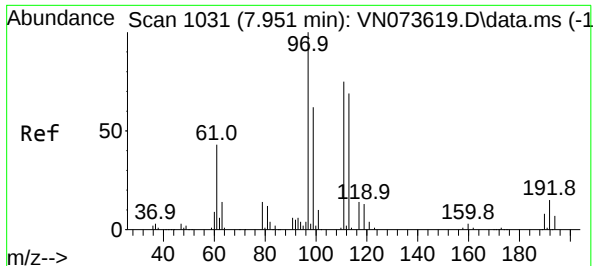
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 14.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.967 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073749.D

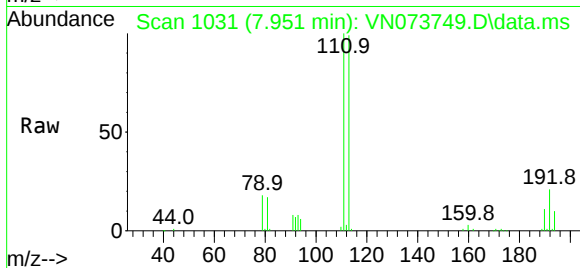
Acq: 04 Aug 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

TOTE



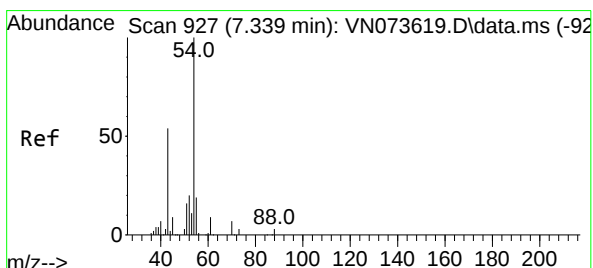
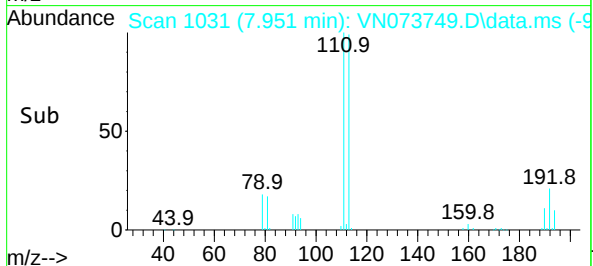
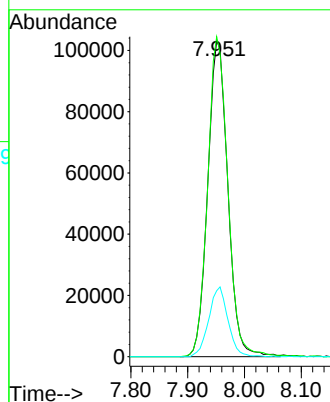
Tgt Ion:113 Resp: 253085

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 21.2 17.0 25.6



#37

Ethyl Acetate

Concen: 1.124 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.006 min

Lab File: VN073749.D

Acq: 04 Aug 2022 20:26

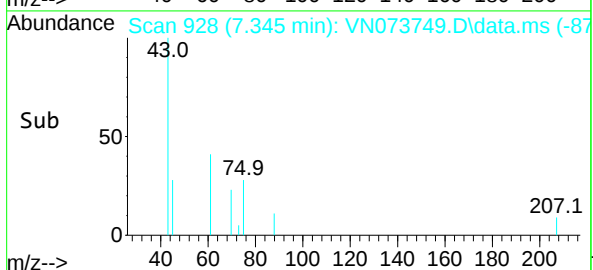
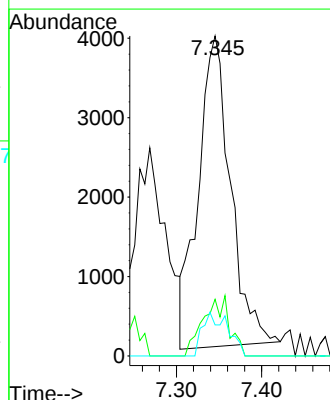
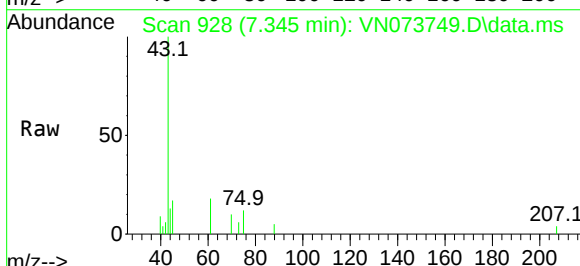
Tgt Ion: 43 Resp: 10273

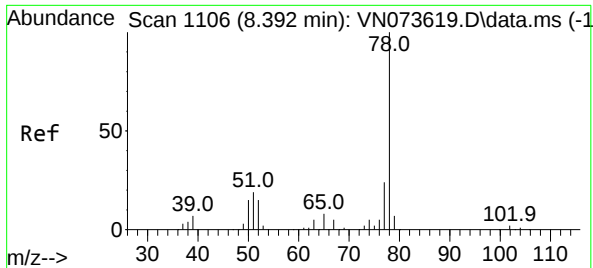
Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.6

70 11.1 9.3 13.9

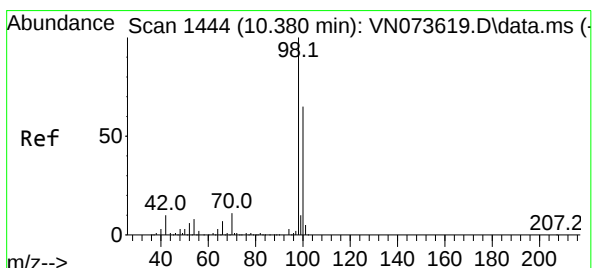
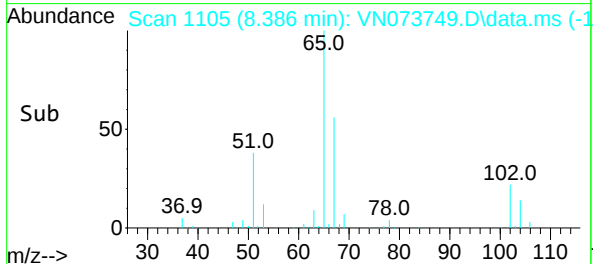
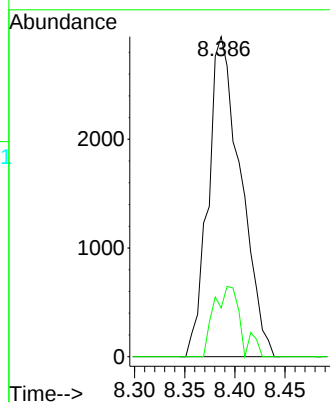
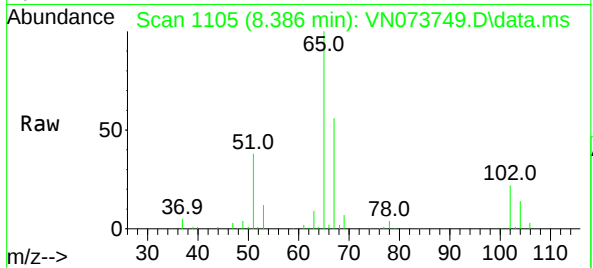




#40
Benzene
Concen: 0.295 ug/l
RT: 8.386 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

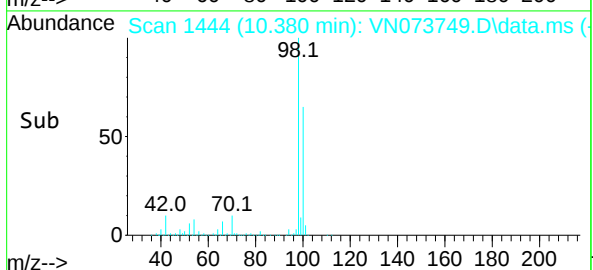
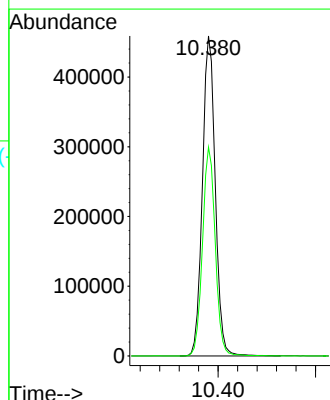
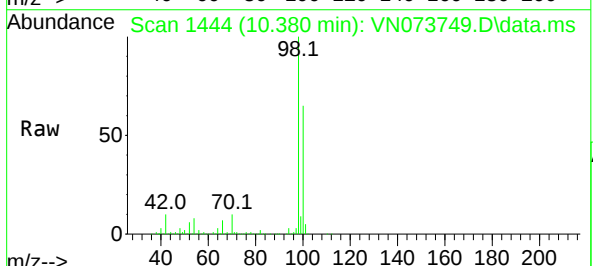
Instrument :
MSVOA_N
ClientSampleId :
TOTE

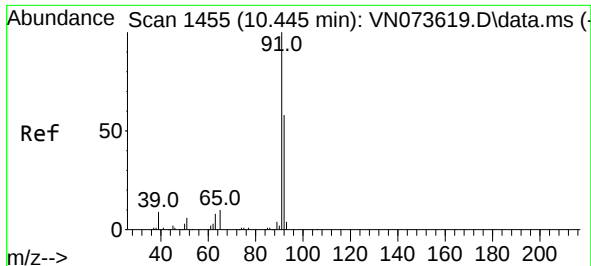
Tgt Ion: 78 Resp: 6644
Ion Ratio Lower Upper
78 100
77 15.3 19.4 29.0#



#50
Toluene-d8
Concen: 43.914 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 98 Resp: 841579
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

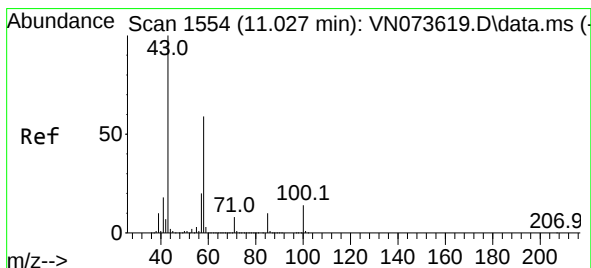
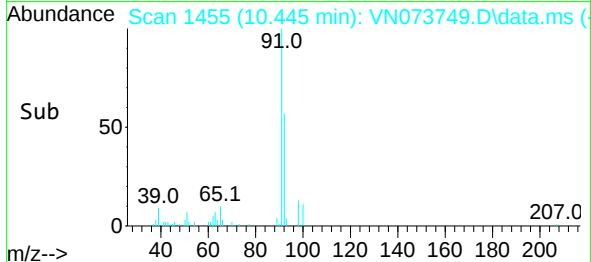
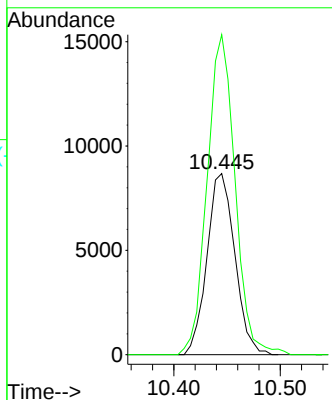
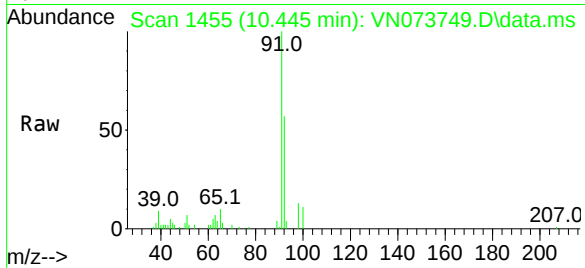




#52
Toluene
Concen: 1.146 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

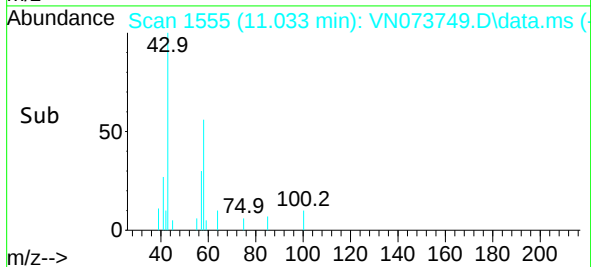
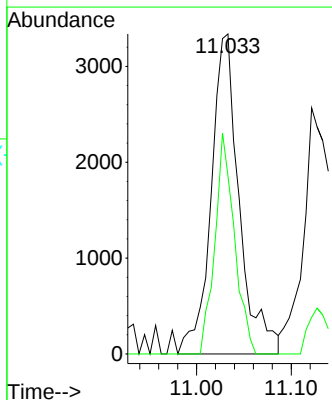
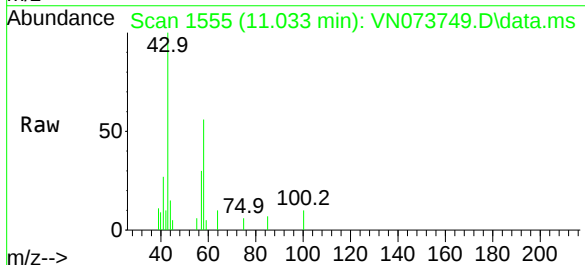
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MSVOA_N
ClientSampleId :
TOTE

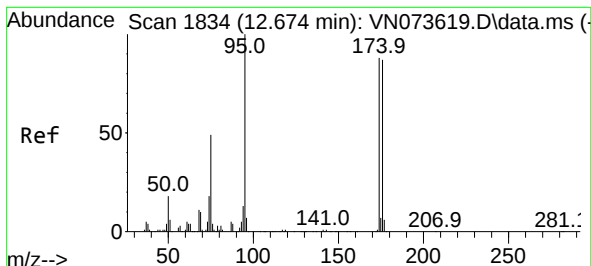
Tgt Ion: 92 Resp: 15778
Ion Ratio Lower Upper
92 100
91 177.0 138.6 207.8



#59
2-Hexanone
Concen: 1.031 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 43 Resp: 6919
Ion Ratio Lower Upper
43 100
58 47.8 29.7 89.1

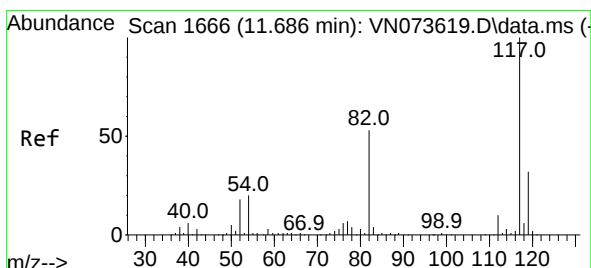
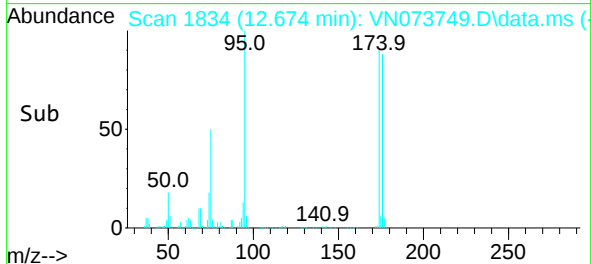
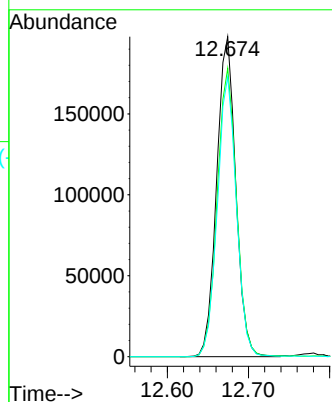
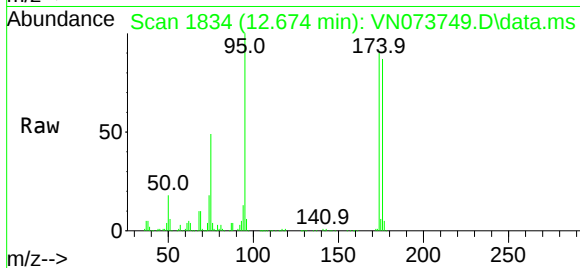




#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

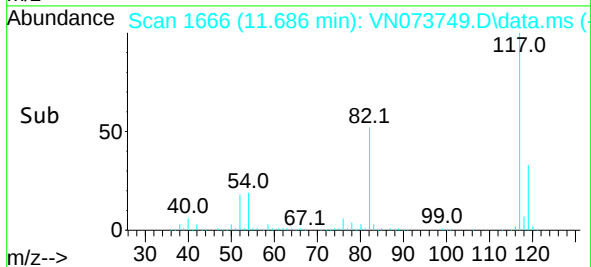
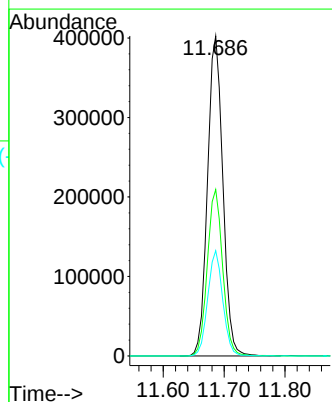
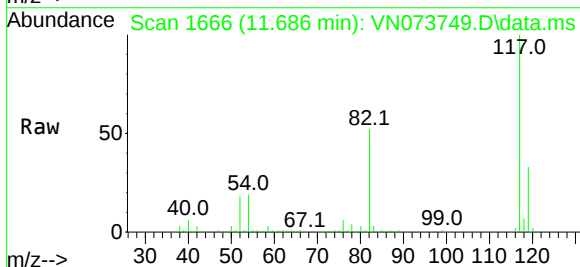
Instrument :
MSVOA_N
ClientSampleId :
TOTE

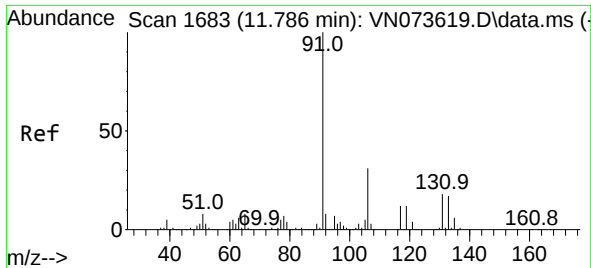
Tgt Ion: 95 Resp: 323634
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 117 Resp: 704497
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.9 25.4 38.0

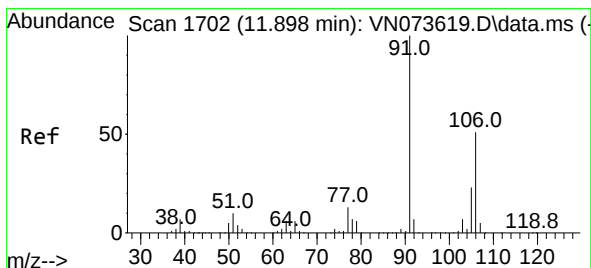
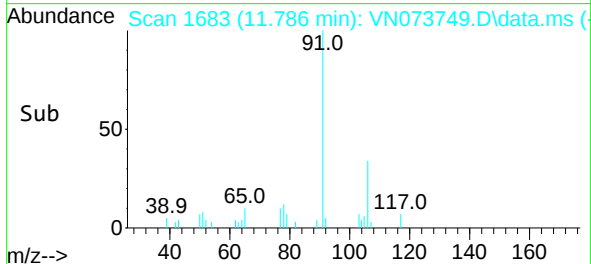
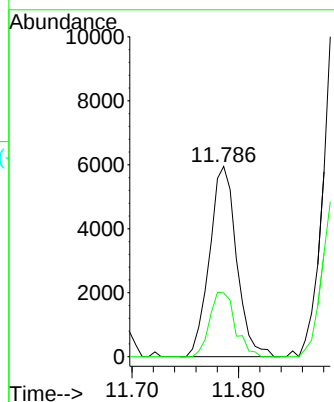
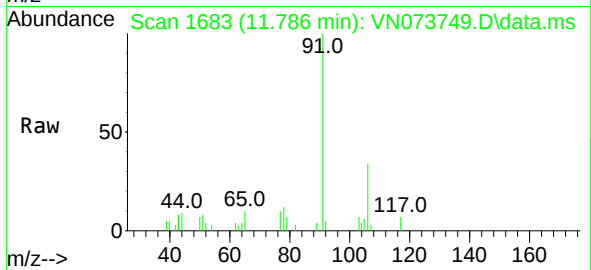




#67
Ethyl Benzene
Concen: 0.416 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

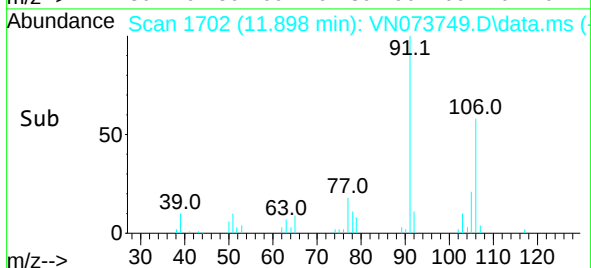
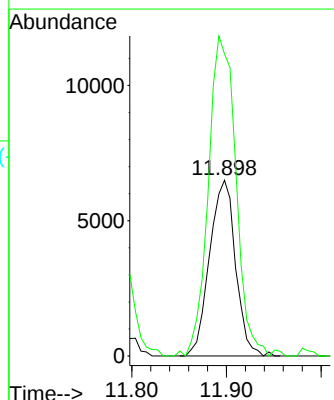
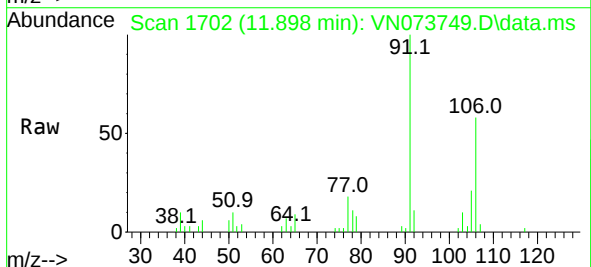
Instrument :
MSVOA_N
ClientSampleId :
TOTE

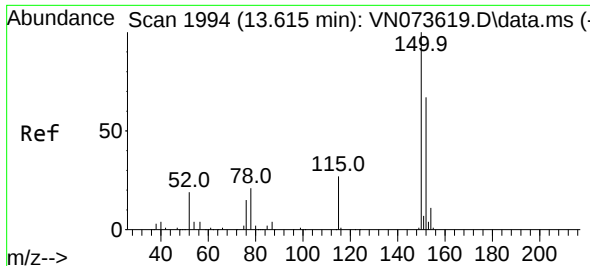
Tgt Ion: 91 Resp: 10491
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3



#68
m/p-Xylenes
Concen: 1.287 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion: 106 Resp: 12395
Ion Ratio Lower Upper
106 100
91 193.7 158.9 238.3

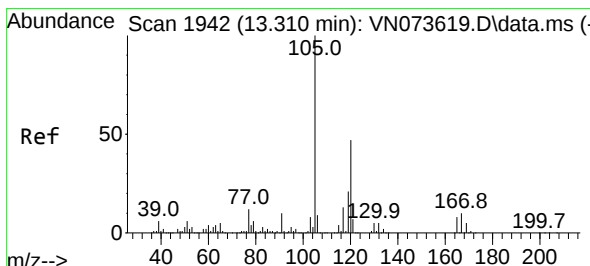
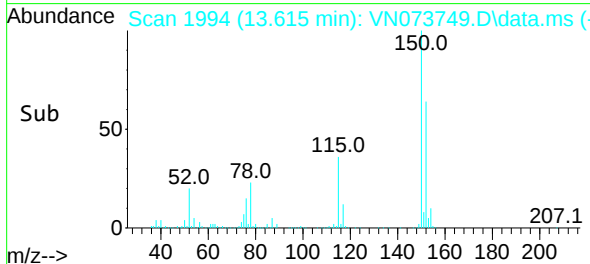
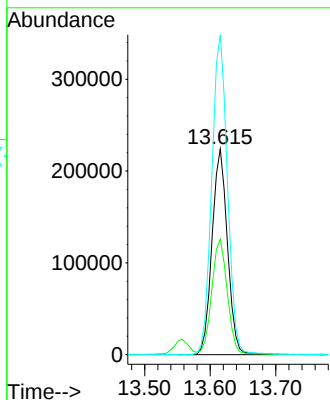
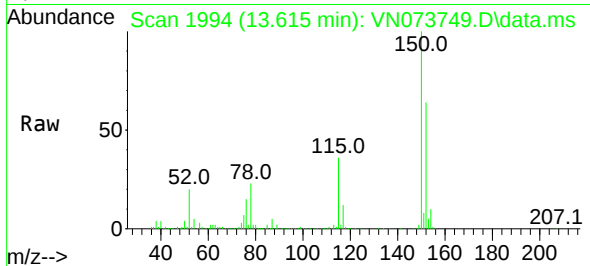




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VN073749.D
 Acq: 04 Aug 2022 20:26

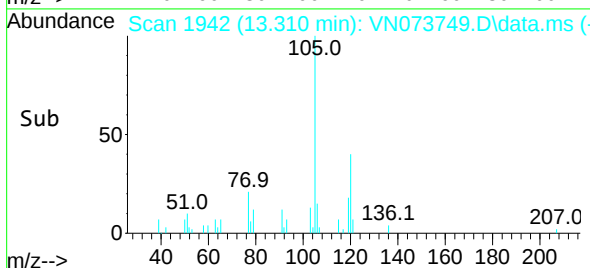
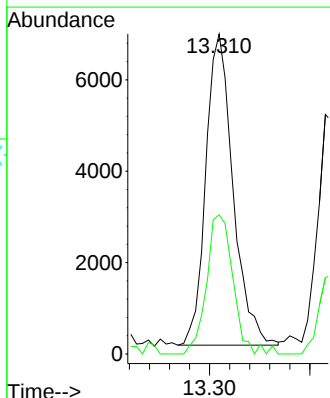
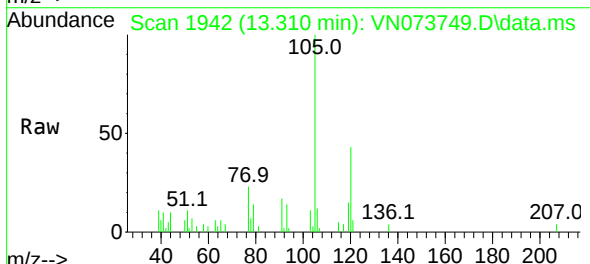
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE

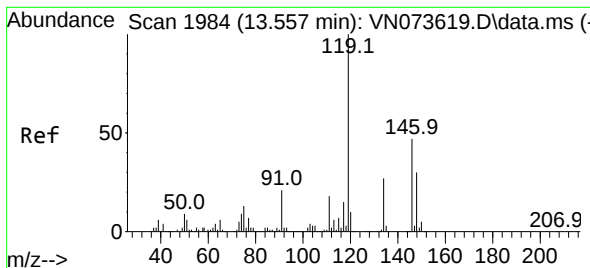
Tgt Ion:152 Resp: 366047
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 157.7 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.593 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073749.D
 Acq: 04 Aug 2022 20:26

Tgt Ion:105 Resp: 12857
 Ion Ratio Lower Upper
 105 100
 120 42.4 23.3 69.8

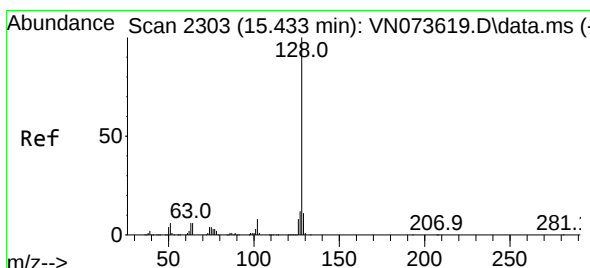
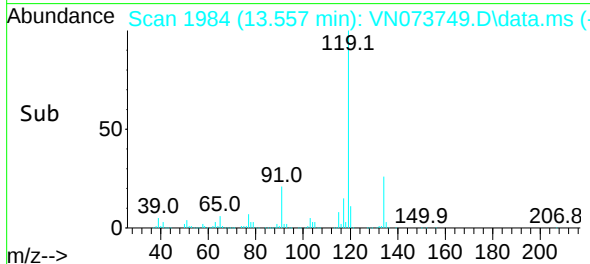
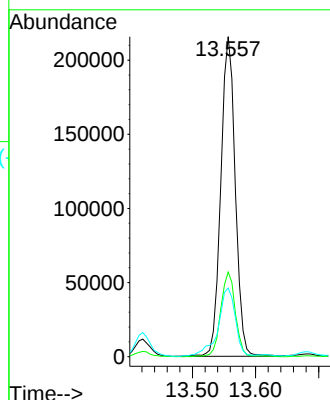
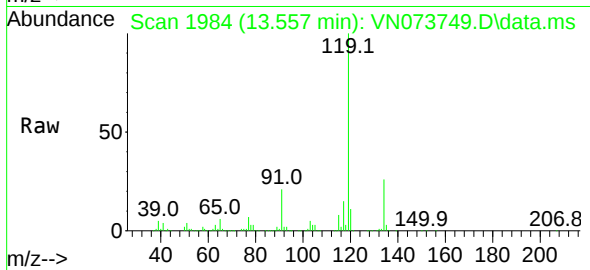




#86
p-Isopropyltoluene
Concen: 16.112 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
TOTE

Tgt Ion:119 Resp: 342878
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 25.5 11.3 33.9



#95
Naphthalene
Concen: 2.644 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073749.D
Acq: 04 Aug 2022 20:26

Tgt Ion:128 Resp: 54992
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.9 8.6 13.0

