

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074005.D
 Acq On : 18 Aug 2022 15:23
 Operator : JC\MD
 Sample : N4241-07DL 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1630DL

Quant Time: Aug 18 23:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

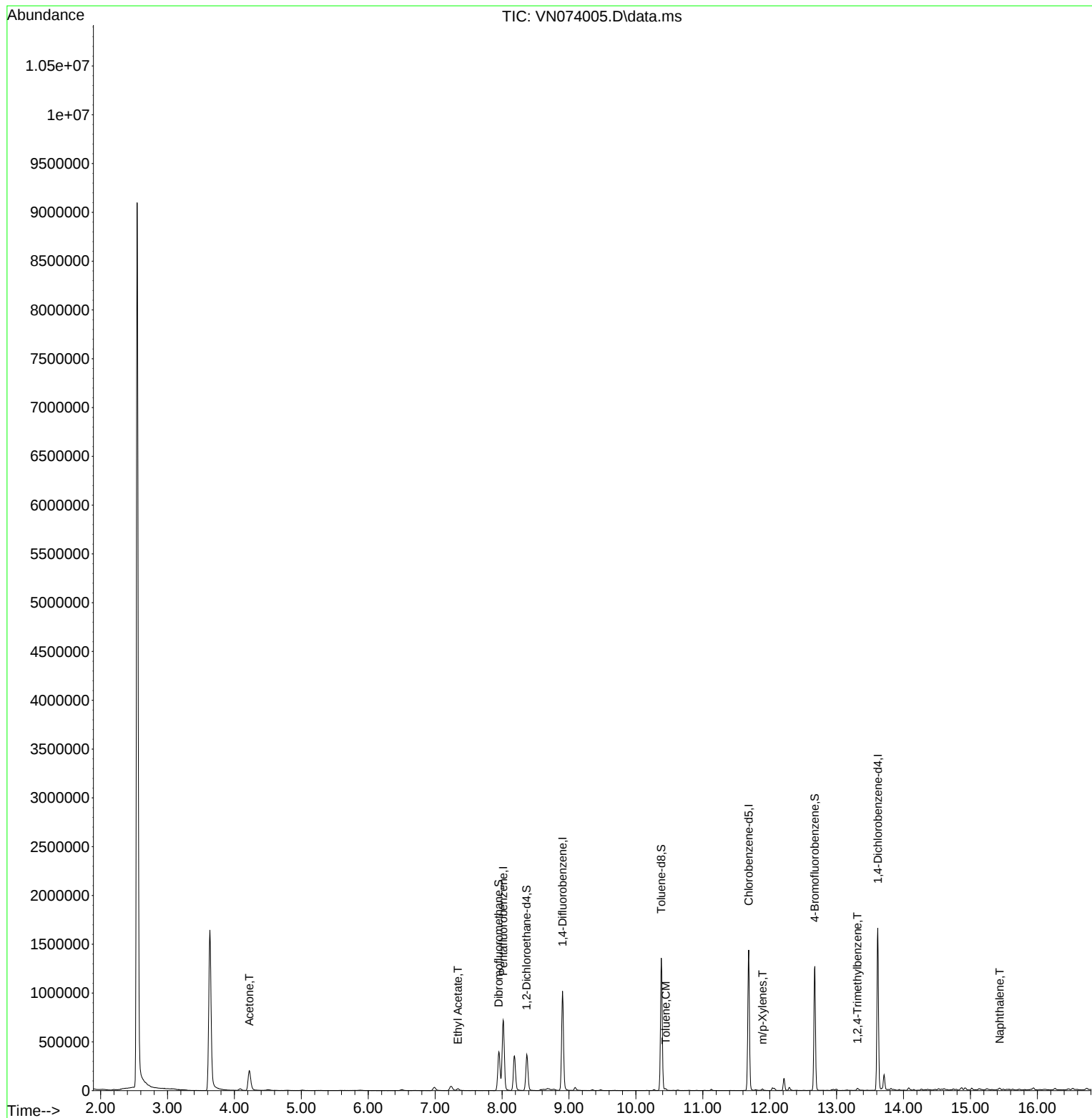
Internal Standards						
1) Pentafluorobenzene	8.016	168	625419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	932534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	885428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	487261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	308969	50.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.440%	
35) Dibromofluoromethane	7.951	113	296208	53.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.420%	
50) Toluene-d8	10.380	98	969218	45.378	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.760%	
62) 4-Bromofluorobenzene	12.674	95	422339	59.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.160%	
Target Compounds						Qvalue
16) Acetone	4.222	43	375456	130.642	ug/l	98
37) Ethyl Acetate	7.339	43	27320	2.944	ug/l	96
52) Toluene	10.445	92	5747	0.347	ug/l	84
68) m/p-Xylenes	11.892	106	4452	0.350	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	14940	0.518	ug/l	76
95) Naphthalene	15.439	128	14733	0.432	ug/l	97

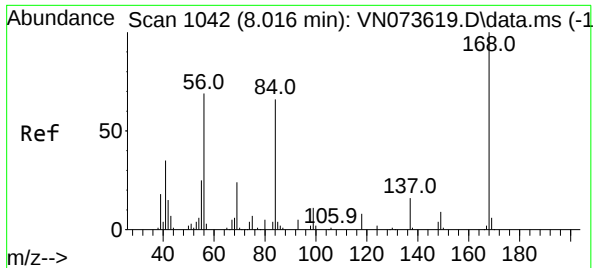
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

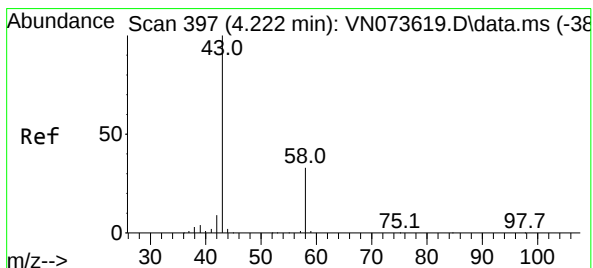
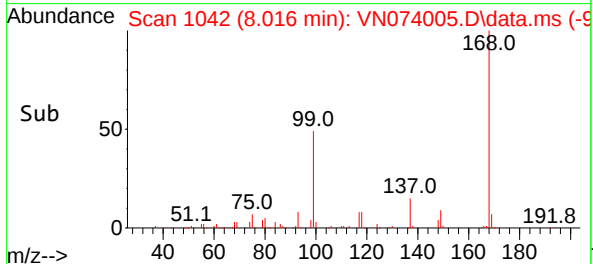
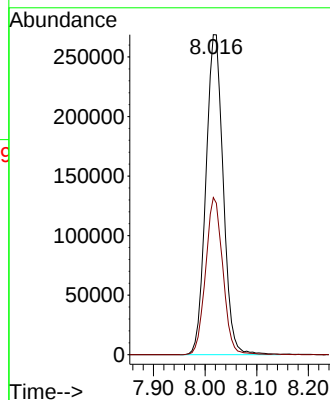
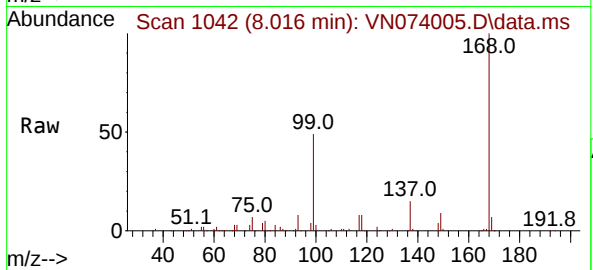




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

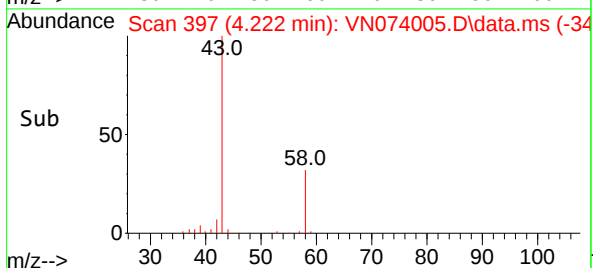
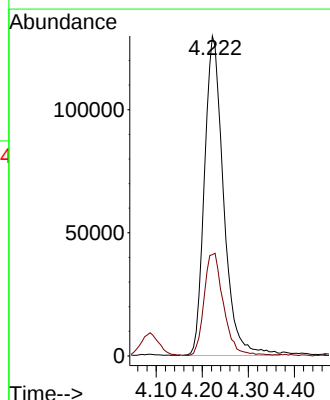
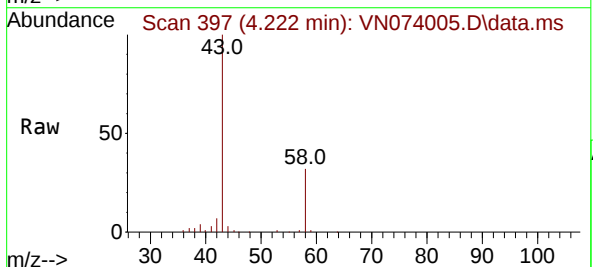
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630DL

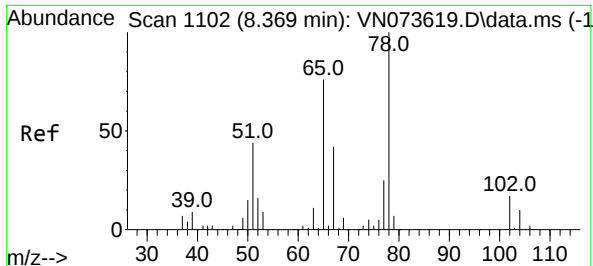
Tgt Ion:168 Resp: 625419
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#16
Acetone
Concen: 130.642 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

Tgt Ion: 43 Resp: 375456
Ion Ratio Lower Upper
43 100
58 31.3 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 50.721 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074005.D

Acq: 18 Aug 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

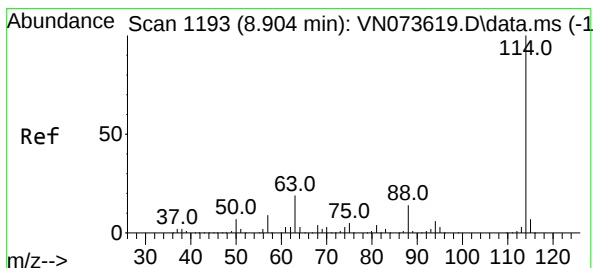
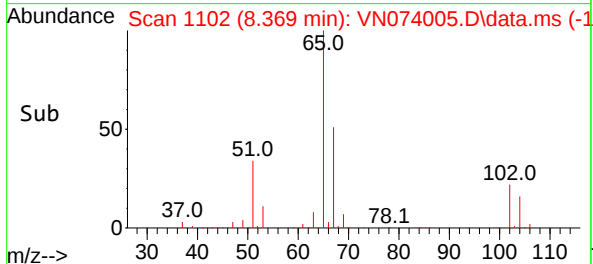
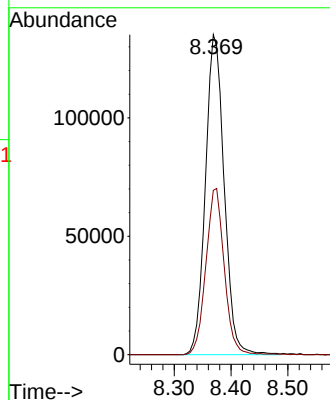
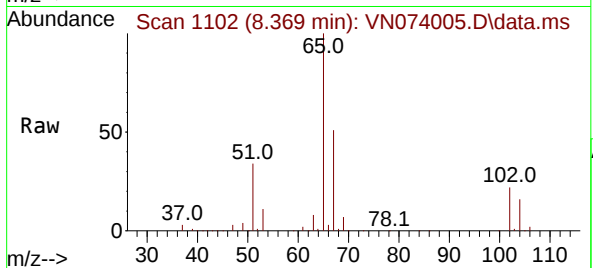
TRE-1630DL

Tgt Ion: 65 Resp: 308969

Ion Ratio Lower Upper

65 100

67 51.0 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: VN074005.D

Acq: 18 Aug 2022 15:23

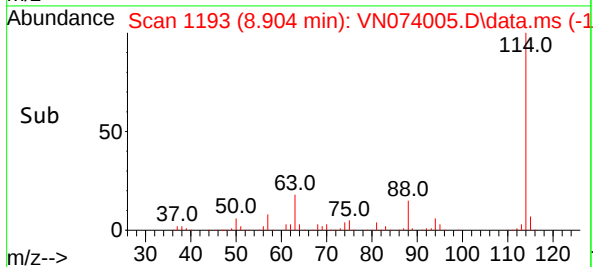
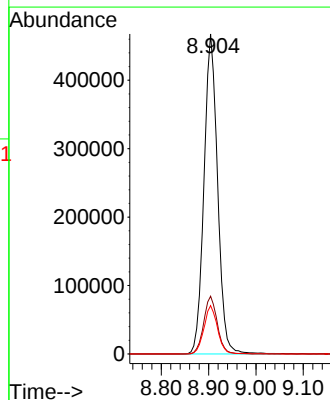
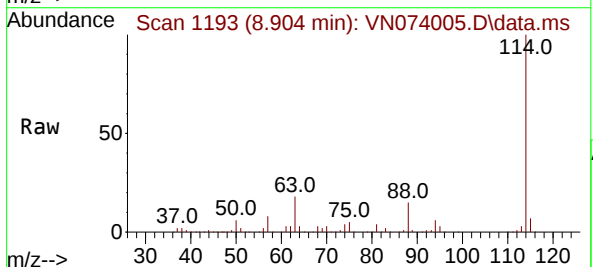
Tgt Ion: 114 Resp: 932534

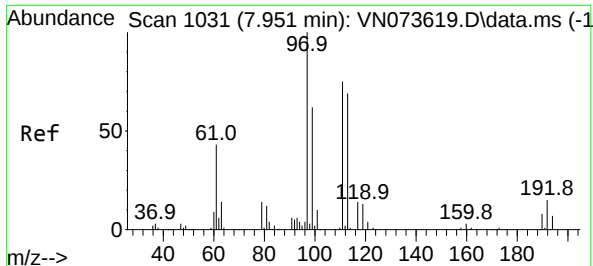
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.1 0.0 32.6

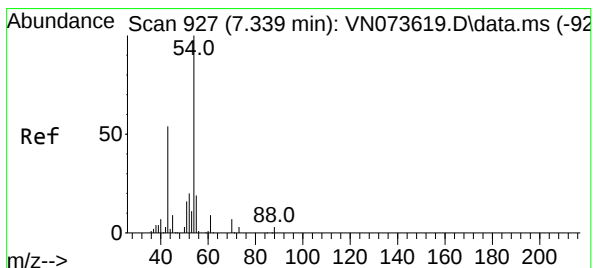
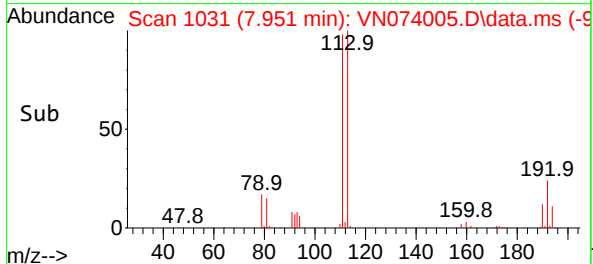
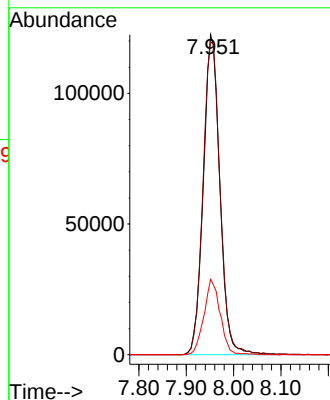
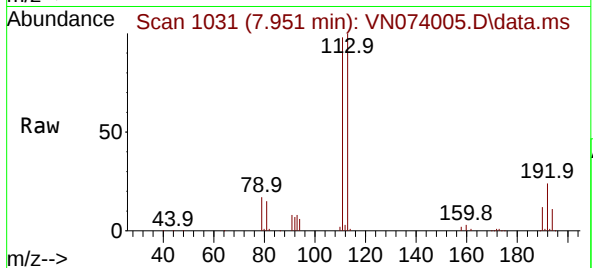




#35
Dibromofluoromethane
Concen: 53.710 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

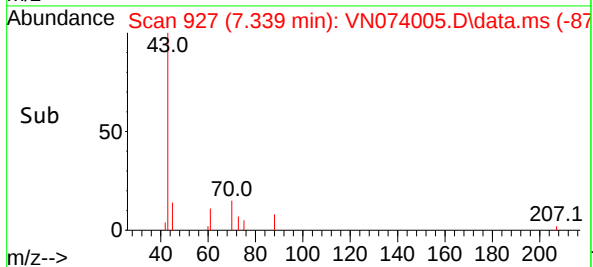
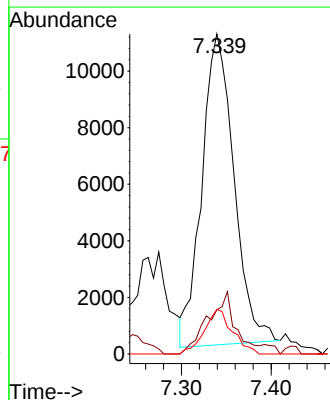
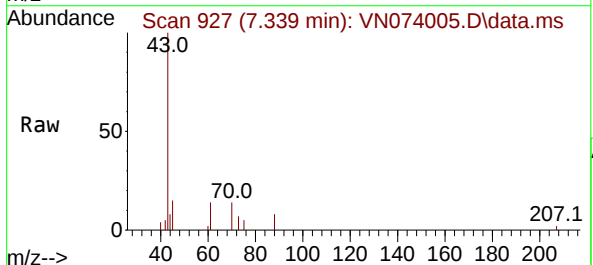
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630DL

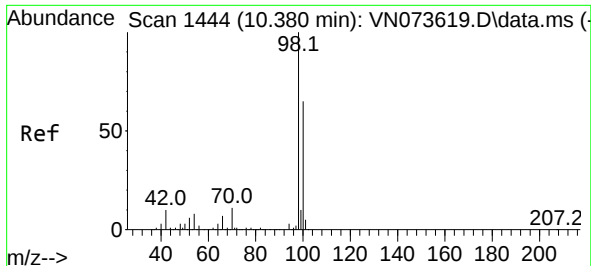
Tgt Ion:113 Resp: 296208
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 23.2 17.0 25.6



#37
Ethyl Acetate
Concen: 2.944 ug/l
RT: 7.339 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

Tgt Ion: 43 Resp: 27320
Ion Ratio Lower Upper
43 100
61 17.2 11.8 17.6
70 12.6 9.3 13.9

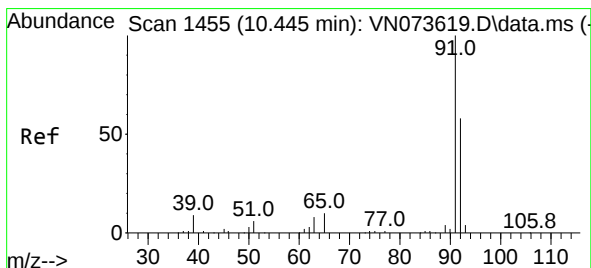
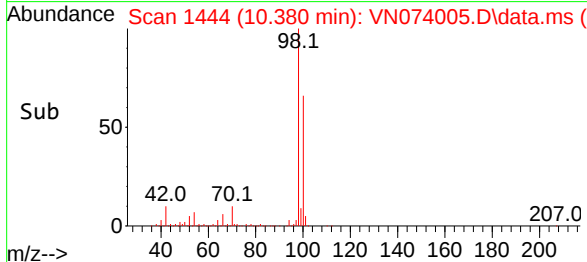
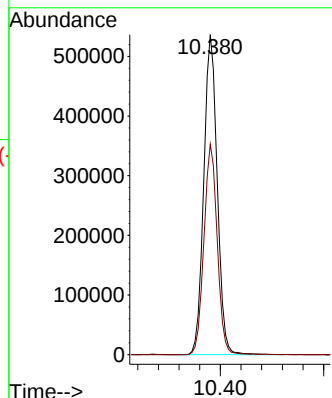
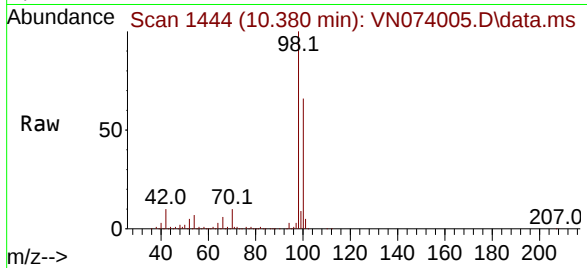




#50
Toluene-d8
Concen: 45.378 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

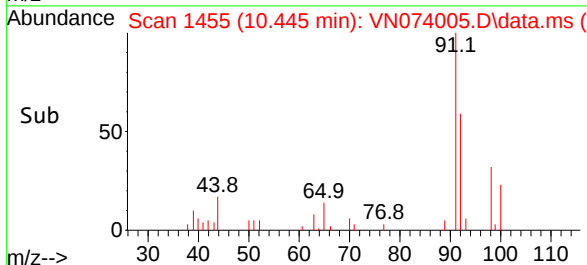
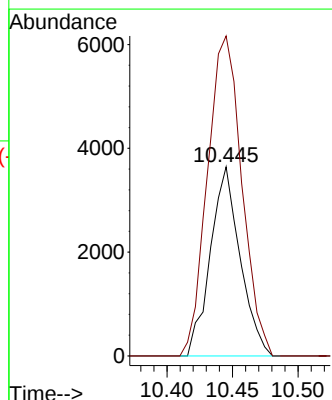
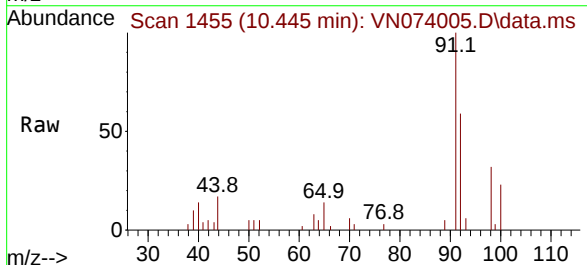
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630DL

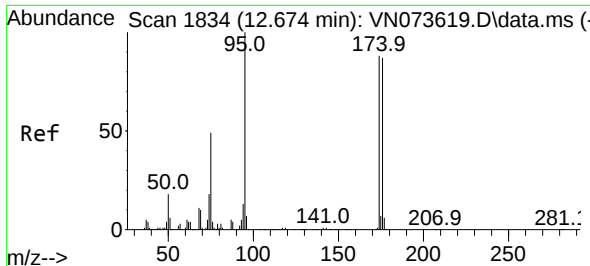
Tgt Ion: 98 Resp: 969218
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 0.347 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

Tgt Ion: 92 Resp: 5747
Ion Ratio Lower Upper
92 100
91 195.7 138.6 207.8

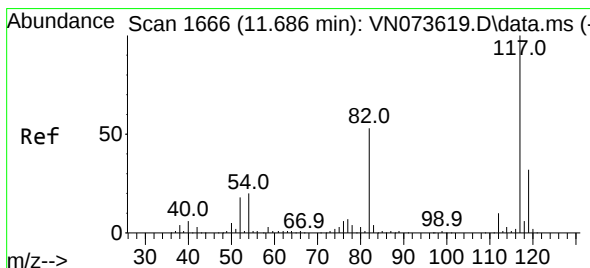
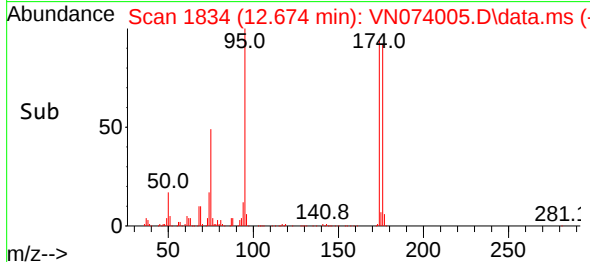
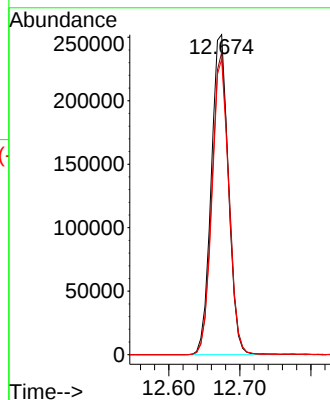
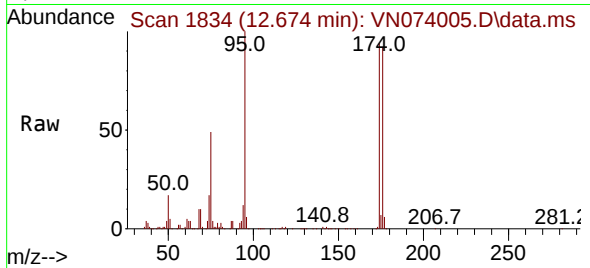




#62
4-Bromofluorobenzene
Concen: 59.580 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

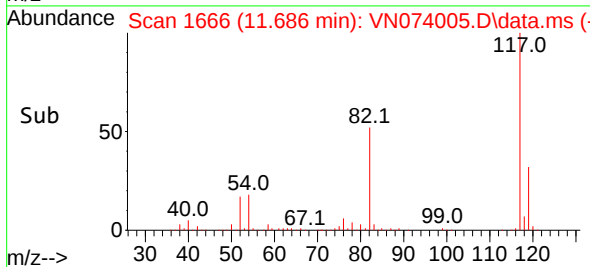
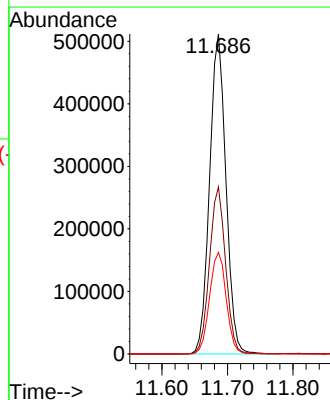
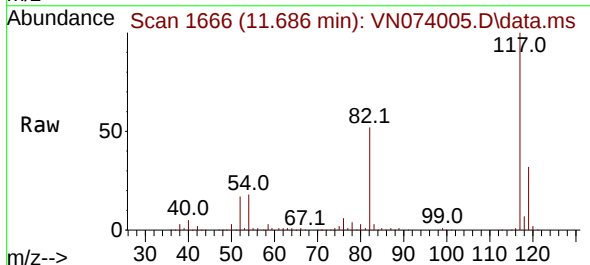
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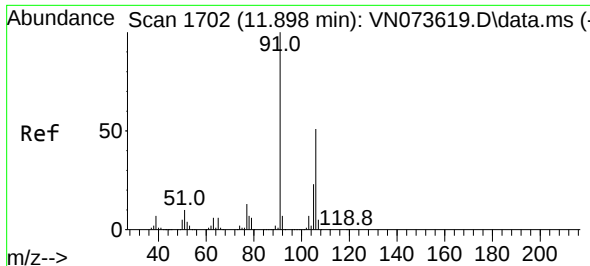
Tgt Ion: 95 Resp: 422339
Ion Ratio Lower Upper
95 100
174 93.5 0.0 167.6
176 90.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

Tgt Ion: 117 Resp: 885428
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.8 25.4 38.0

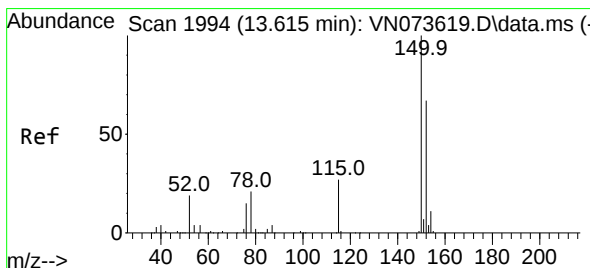
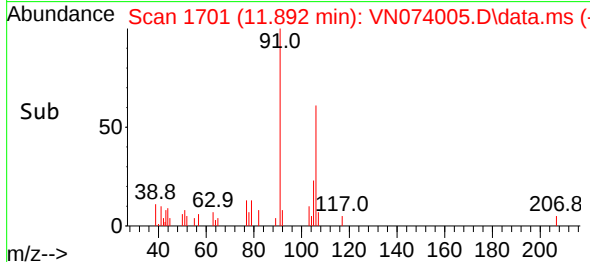
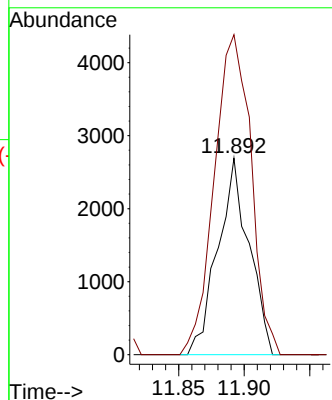
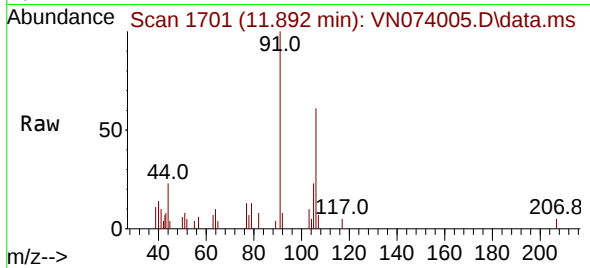




#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

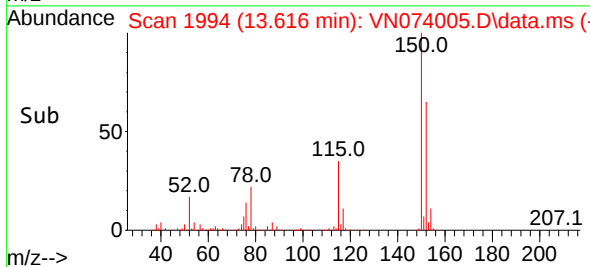
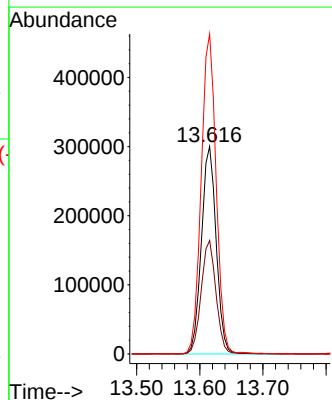
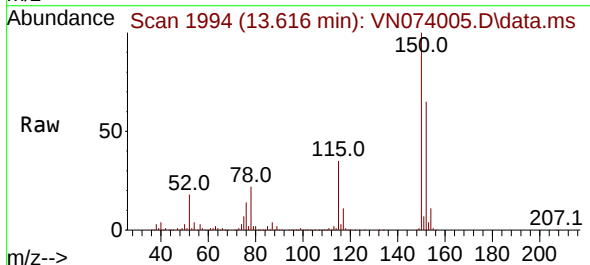
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ClientSampleId :
TRE-1630DL

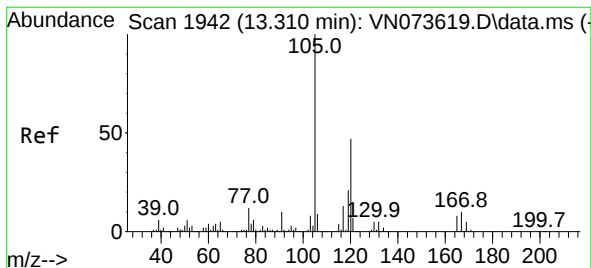
Tgt Ion:106 Resp: 4452
Ion Ratio Lower Upper
106 100
91 191.4 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074005.D
Acq: 18 Aug 2022 15:23

Tgt Ion:152 Resp: 487261
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 155.4 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 0.518 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074005.D

Acq: 18 Aug 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

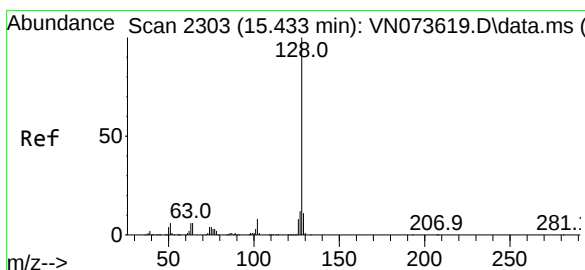
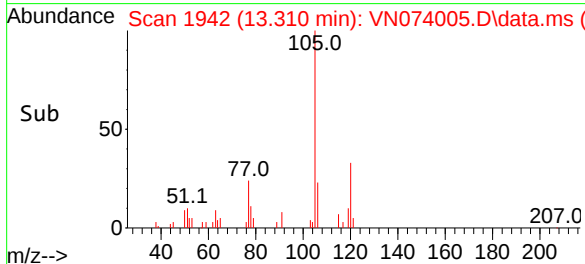
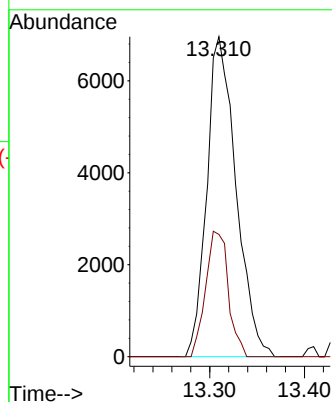
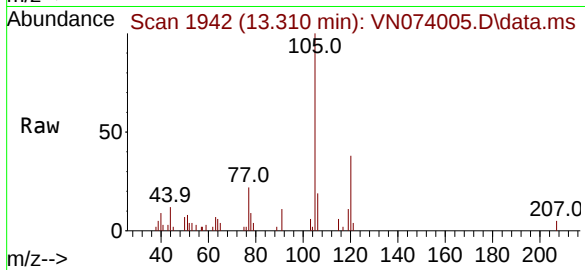
TRE-1630DL

Tgt Ion:105 Resp: 14940

Ion Ratio Lower Upper

105 100

120 30.3 23.3 69.8



#95

Naphthalene

Concen: 0.432 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN074005.D

Acq: 18 Aug 2022 15:23

Tgt Ion:128 Resp: 14733

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 11.0 8.6 13.0

