

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072731.D
 Acq On : 09 Jun 2022 15:27
 Operator : JC\MD
 Sample : N3181-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1279

Quant Time: Jun 09 16:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

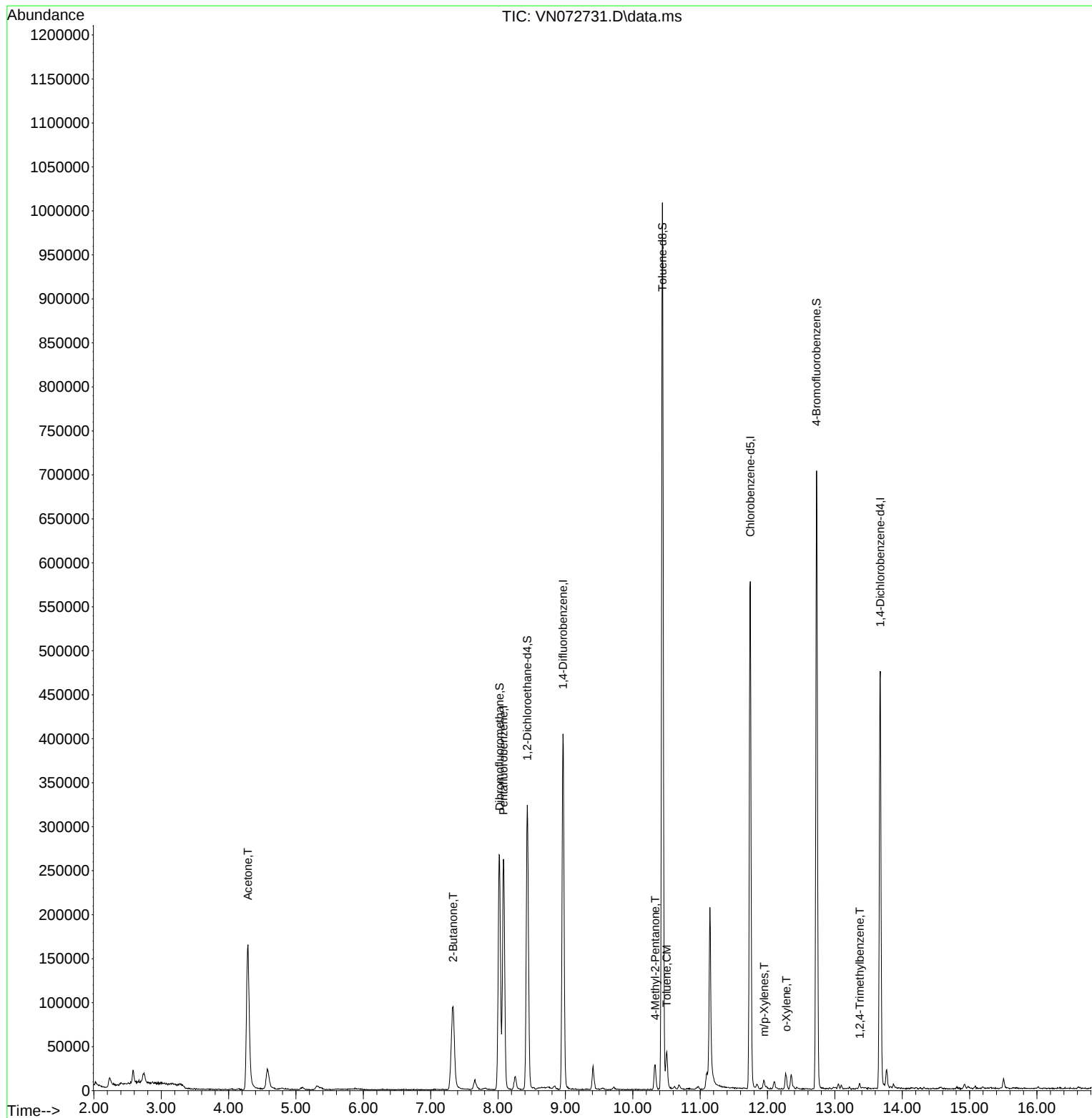
Internal Standards						
1) Pentafluorobenzene	8.081	168	170778	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	327554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	305215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	117007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	273887	59.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.500%	
35) Dibromofluoromethane	8.022	113	192896	59.516	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 119.040%	
50) Toluene-d8	10.439	98	654505	50.614	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.727	95	242964	54.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	319689	145.557	ug/l	95
25) 2-Butanone	7.334	43	133438	37.768	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	22245	3.138	ug/l	91
52) Toluene	10.504	92	15709	1.843	ug/l	96
68) m/p-Xylenes	11.951	106	2992	0.551	ug/l	97
69) o-Xylene	12.280	106	1394	0.255	ug/l	77
84) 1,2,4-Trimethylbenzene	13.368	105	3730	0.392	ug/l	84

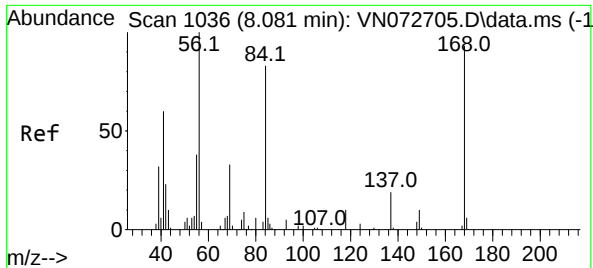
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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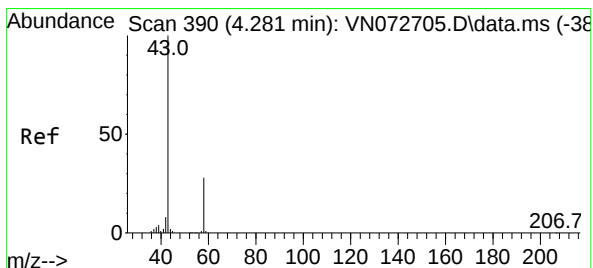
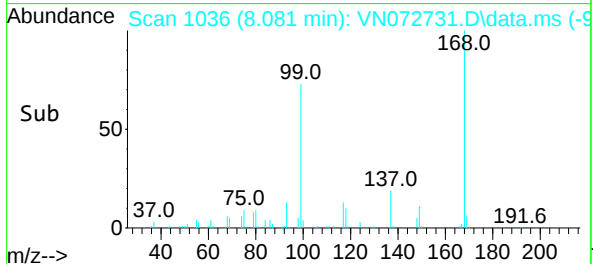
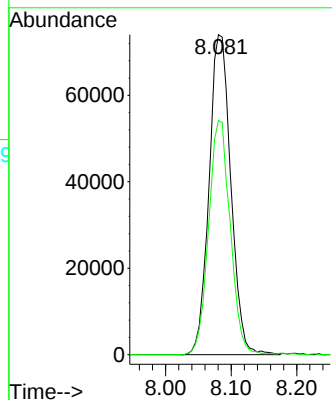
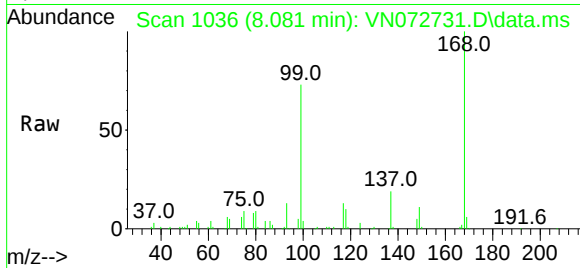




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

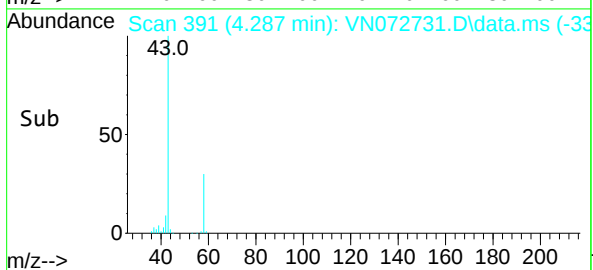
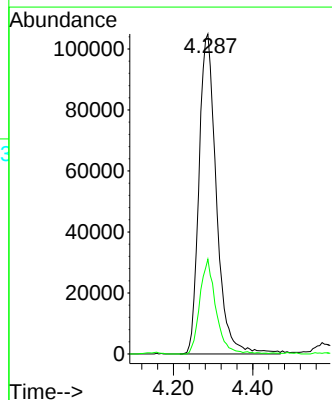
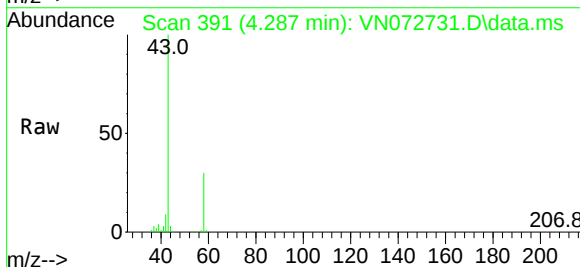
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279

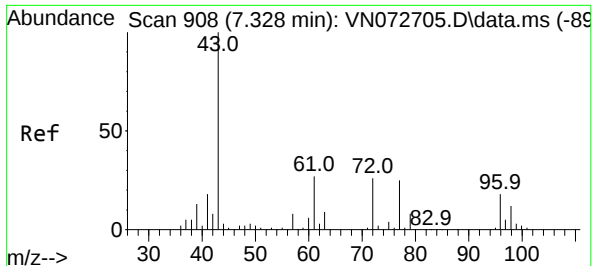
Tgt Ion:168 Resp: 170778
Ion Ratio Lower Upper
168 100
99 73.2 42.3 63.5#



#16
Acetone
Concen: 145.557 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

Tgt Ion: 43 Resp: 319689
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0

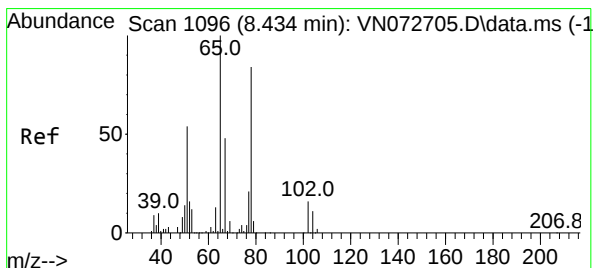
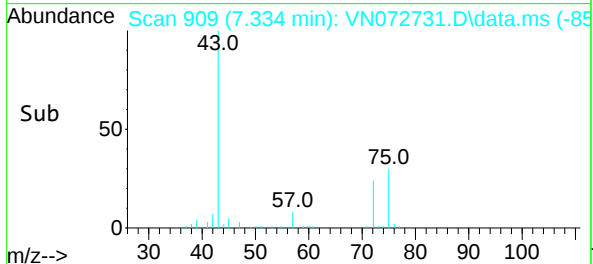
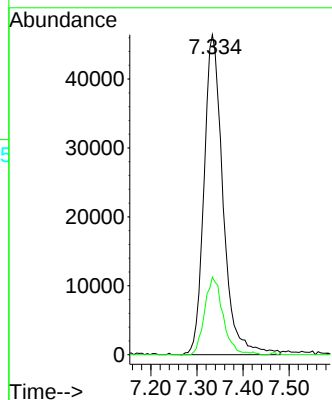
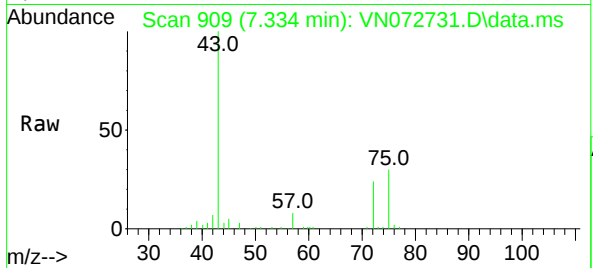




#25
2-Butanone
Concen: 37.768 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

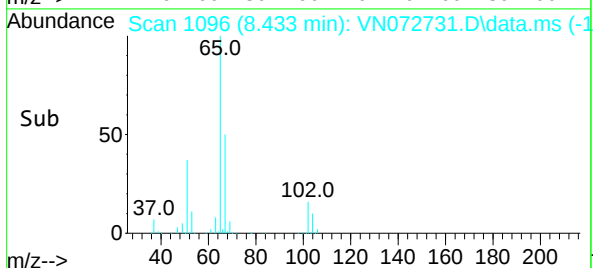
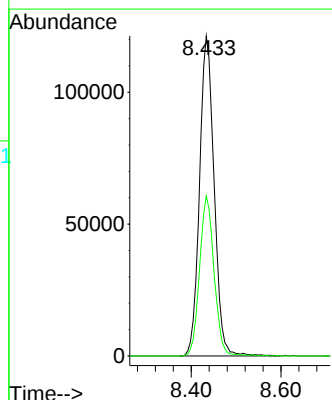
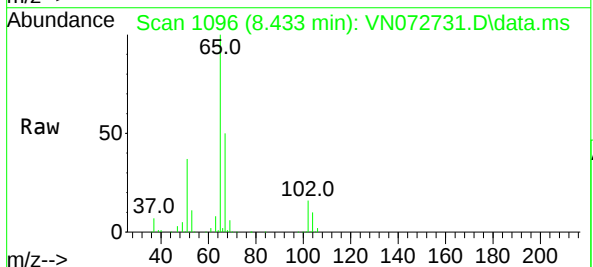
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279

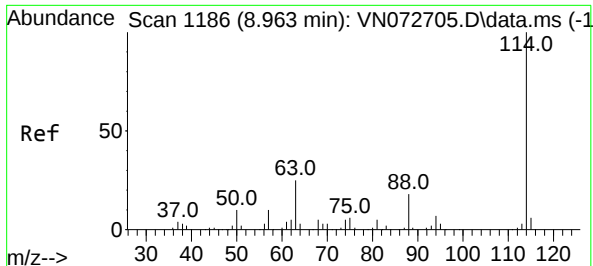
Tgt Ion: 43 Resp: 133438
Ion Ratio Lower Upper
43 100
72 24.2 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 59.754 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

Tgt Ion: 65 Resp: 273887
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072731.D

Acq: 09 Jun 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

TRE-1279

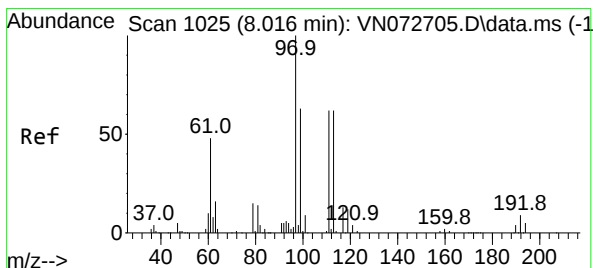
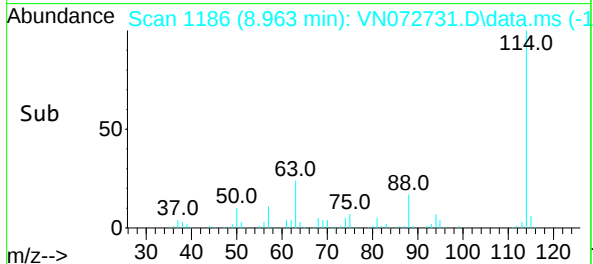
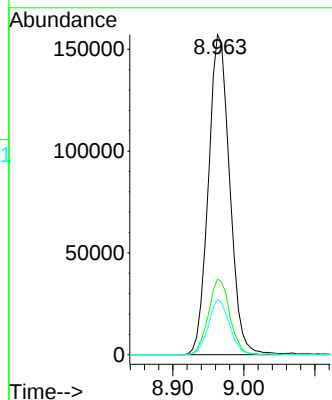
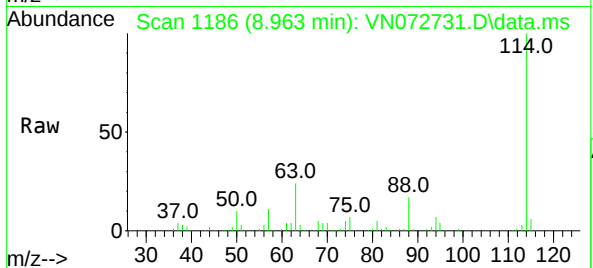
Tgt Ion:114 Resp: 327554

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 59.516 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072731.D

Acq: 09 Jun 2022 15:27

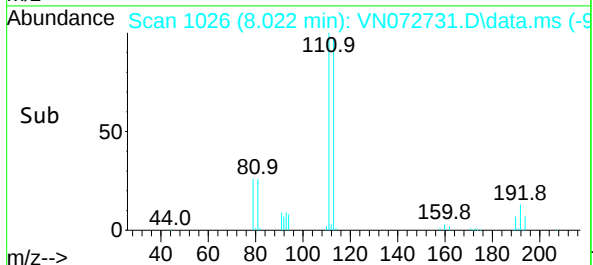
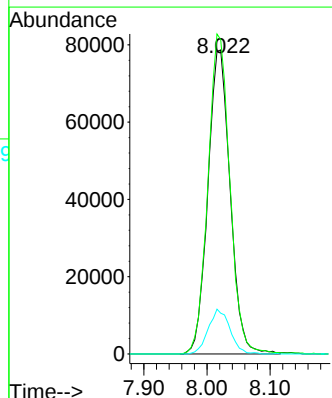
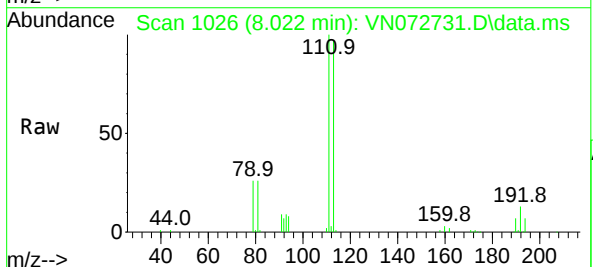
Tgt Ion:113 Resp: 192896

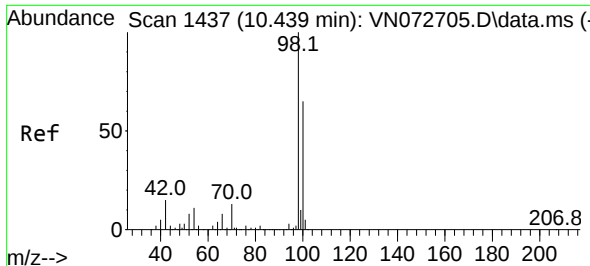
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 14.3 17.0 25.6#

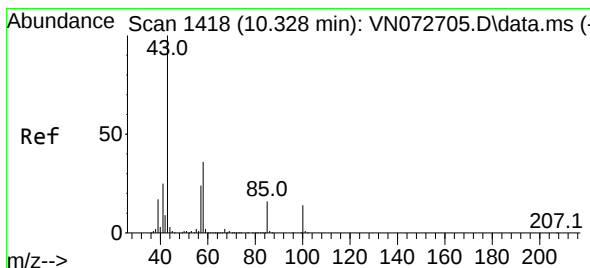
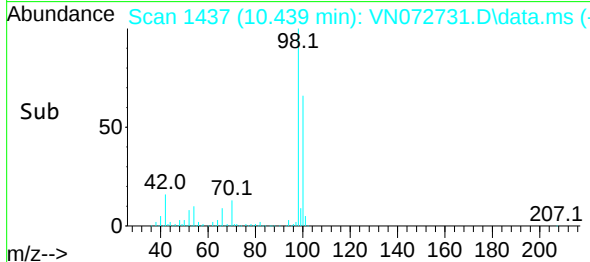
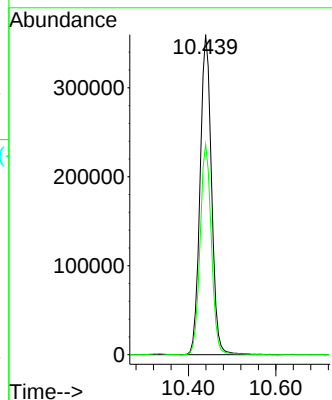
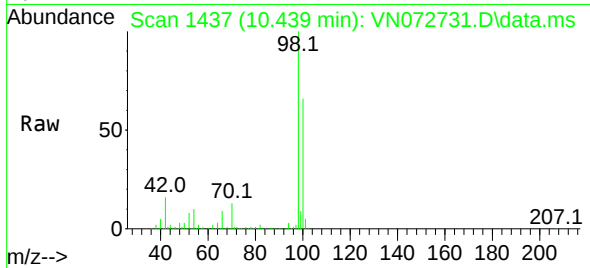




#50
Toluene-d8
Concen: 50.614 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

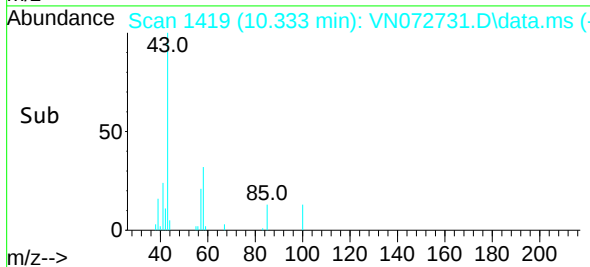
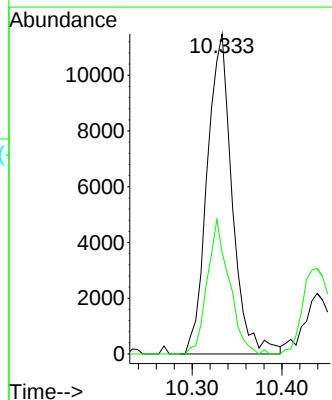
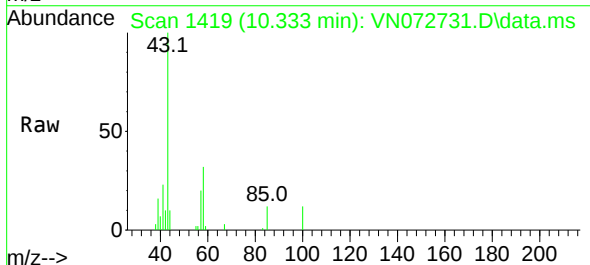
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279

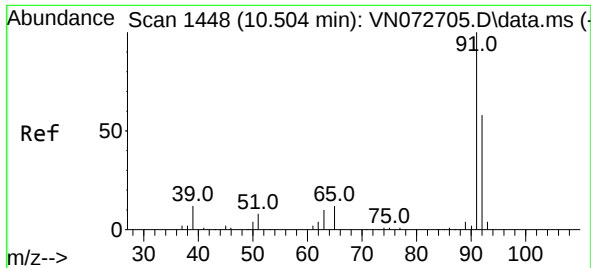
Tgt Ion: 98 Resp: 654505
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 3.138 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

Tgt Ion: 43 Resp: 22245
Ion Ratio Lower Upper
43 100
58 37.0 34.1 51.1

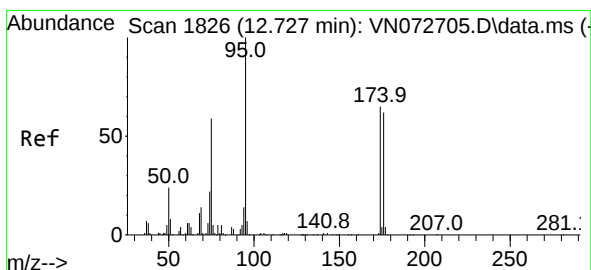
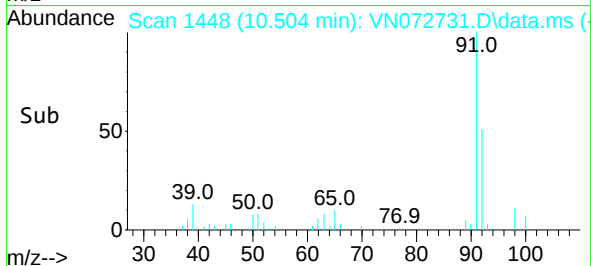
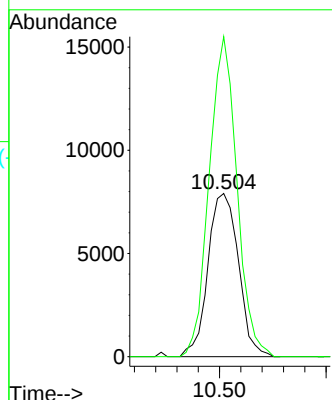
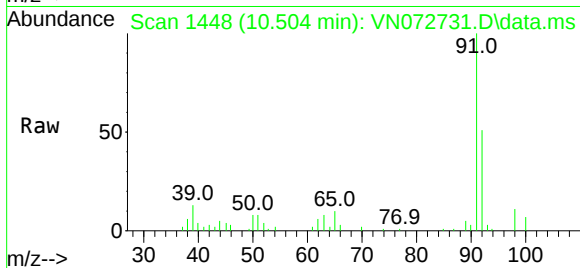




#52
Toluene
Concen: 1.843 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

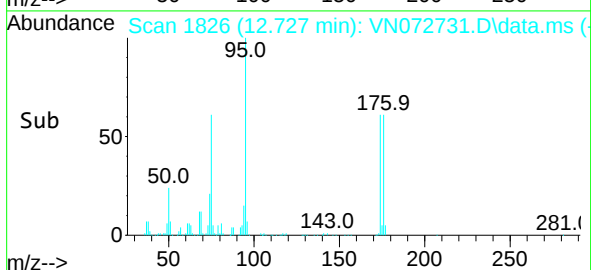
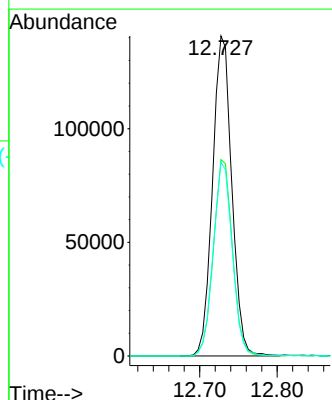
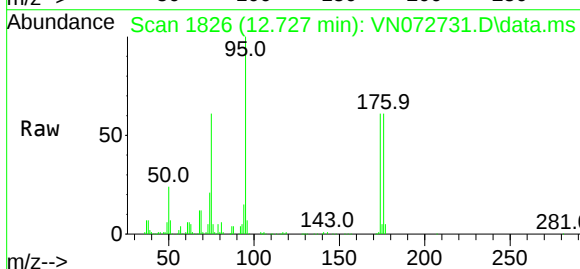
Instrument :
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ClientSampleId :
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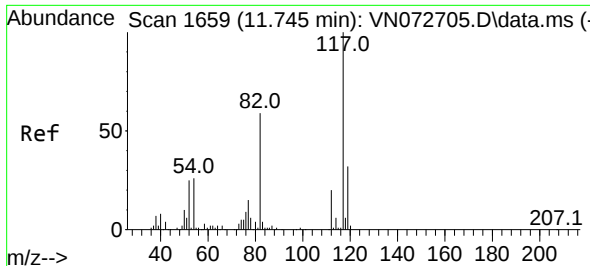
Tgt Ion: 92 Resp: 15709
Ion Ratio Lower Upper
92 100
91 178.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.754 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

Tgt Ion: 95 Resp: 242964
Ion Ratio Lower Upper
95 100
174 60.8 0.0 167.6
176 59.9 0.0 163.4

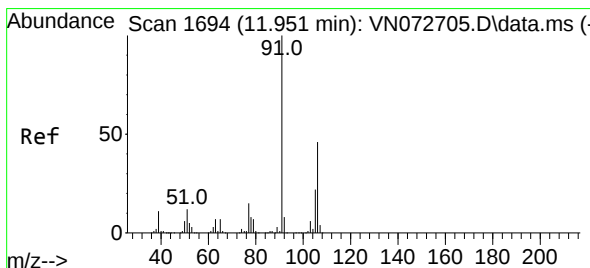
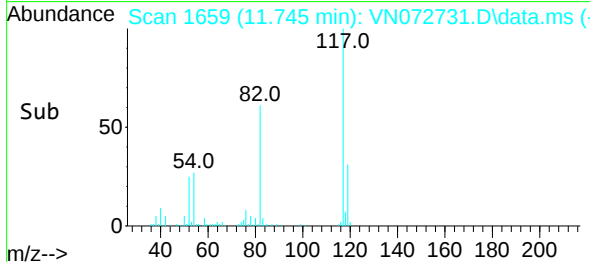
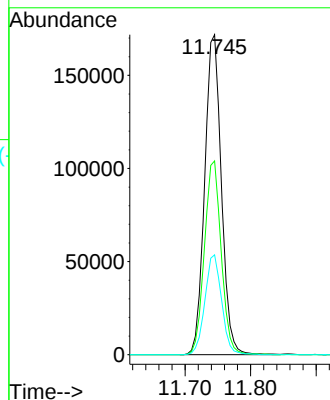
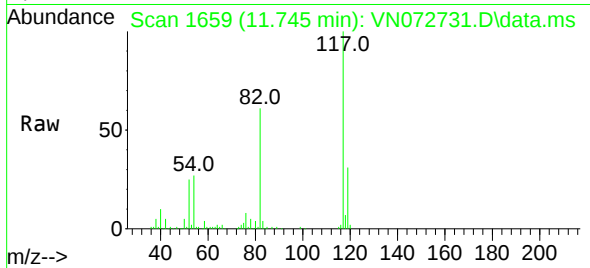




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

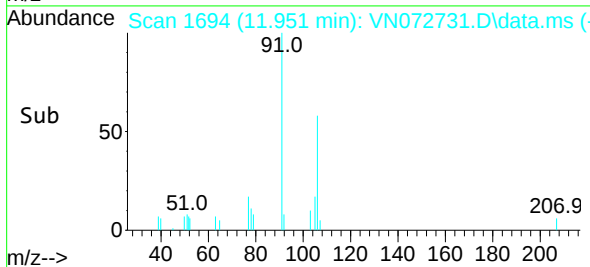
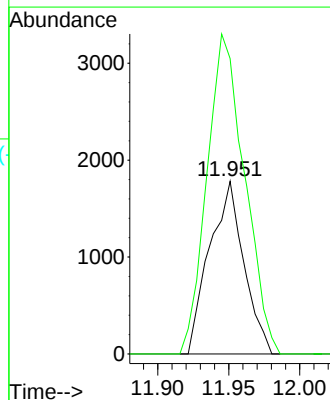
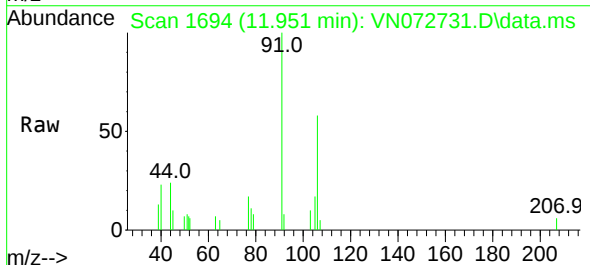
Instrument :
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TRE-1279

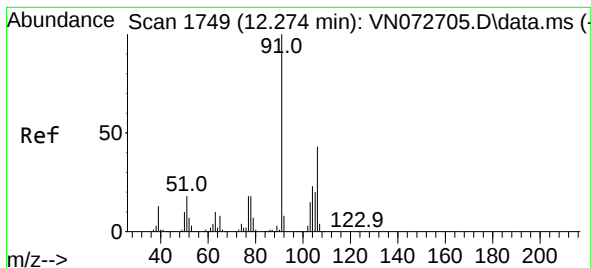
Tgt Ion:117 Resp: 305215
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 0.551 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072731.D
Acq: 09 Jun 2022 15:27

Tgt Ion:106 Resp: 2992
Ion Ratio Lower Upper
106 100
91 203.8 158.9 238.3





#69

o-Xylene

Concen: 0.255 ug/l

RT: 12.280 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072731.D

Acq: 09 Jun 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

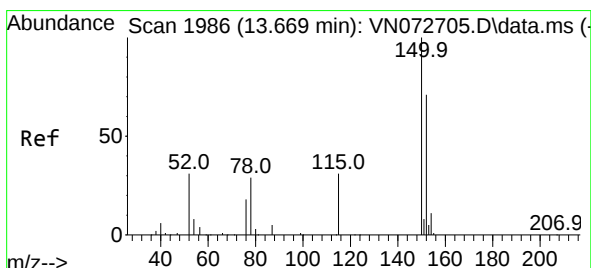
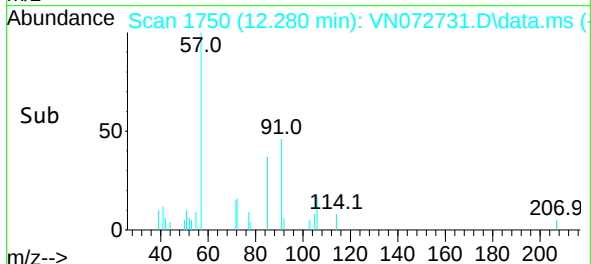
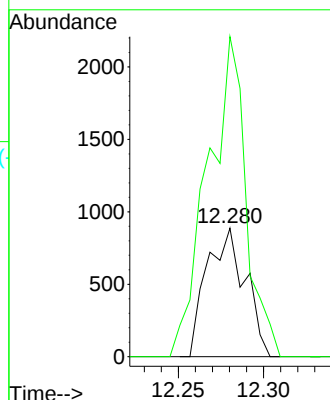
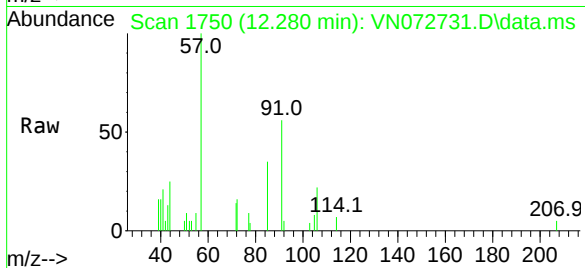
TRE-1279

Tgt Ion:106 Resp: 1394

Ion Ratio Lower Upper

106 100

91 247.8 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.005 min

Lab File: VN072731.D

Acq: 09 Jun 2022 15:27

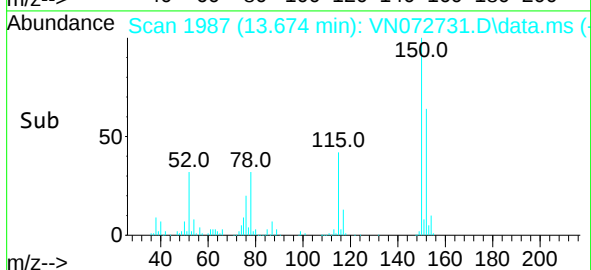
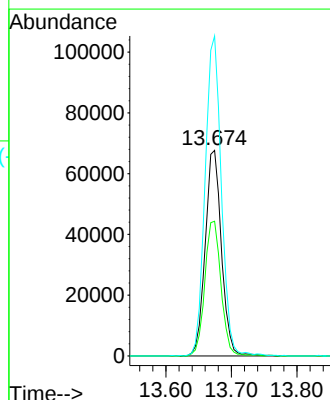
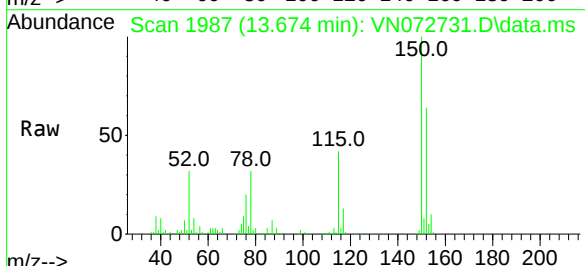
Tgt Ion:152 Resp: 117007

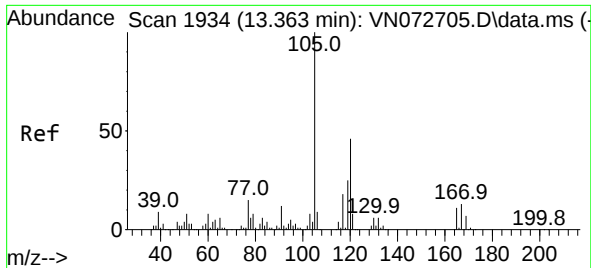
Ion Ratio Lower Upper

152 100

115 65.4 28.9 86.7

150 155.4 0.0 356.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.392 ug/l
 RT: 13.368 min Scan# 1935
 Delta R.T. 0.005 min
 Lab File: VN072731.D
 Acq: 09 Jun 2022 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1279

Tgt Ion:105 Resp: 3730
 Ion Ratio Lower Upper
 105 100
 120 36.0 23.3 69.8

