

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072403.D
 Acq On : 10 May 2022 19:51
 Operator : JC\MD
 Sample : N2754-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40828RE

Quant Time: May 11 03:04:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	247174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	452827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	513080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	225856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	180571	47.696	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.400%
35) Dibromofluoromethane	8.022	113	141845	47.083	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.160%
50) Toluene-d8	10.439	98	580775	50.618	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.727	95	246689	64.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	129.480%

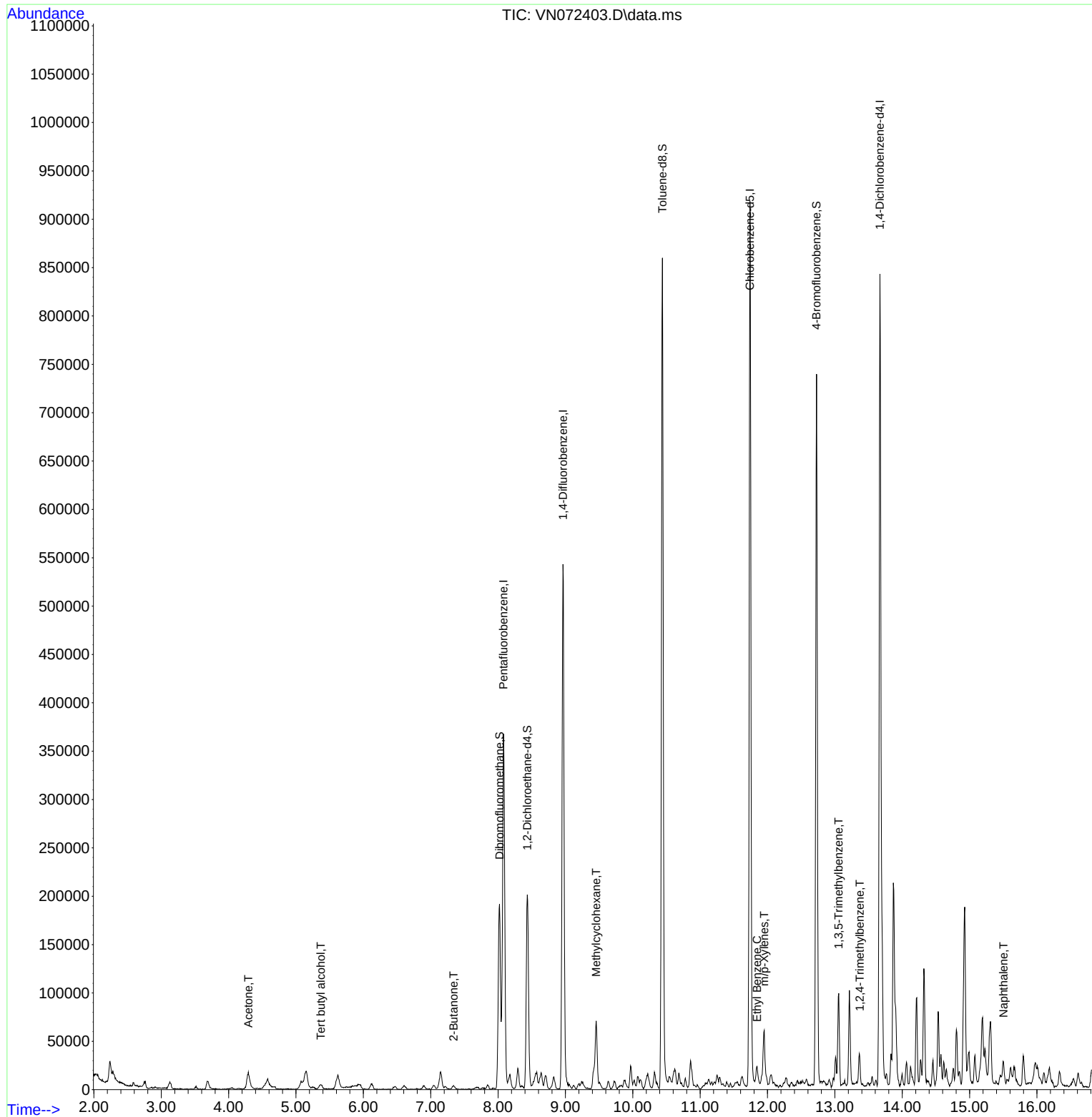
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	9283	14.996	ug/l #	91
16) Acetone	4.292	43	31861	21.250	ug/l #	84
25) 2-Butanone	7.339	43	6654	2.812	ug/l #	89
39) Methylcyclohexane	9.457	83	26159	5.379	ug/l	99
67) Ethyl Benzene	11.845	91	10195	0.564	ug/l	90
68) m/p-Xylenes	11.951	106	17315	2.524	ug/l	90
80) 1,3,5-Trimethylbenzene	13.057	105	50891	3.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.368	105	19968	1.340	ug/l	93
95) Naphthalene	15.504	128	22916	5.165	ug/l #	95

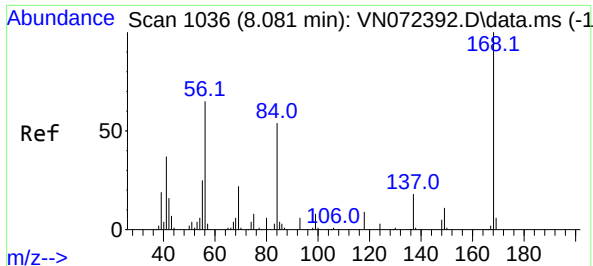
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 11 03:04:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

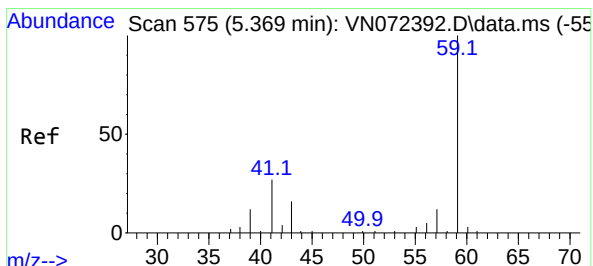
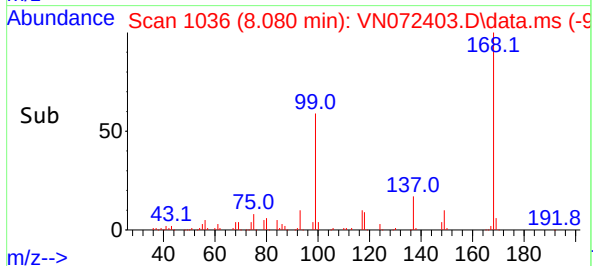
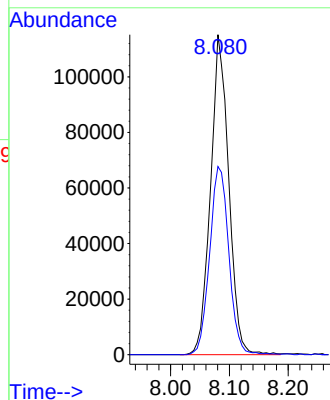
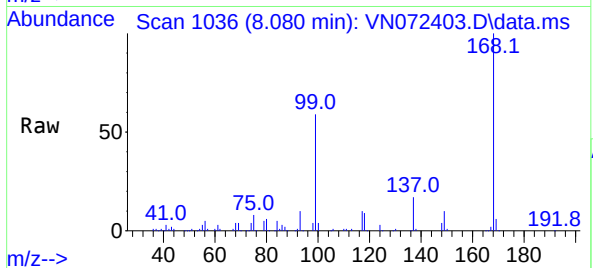




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

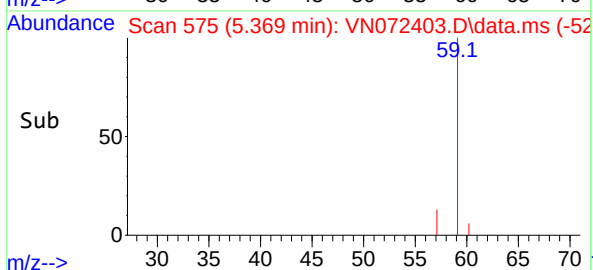
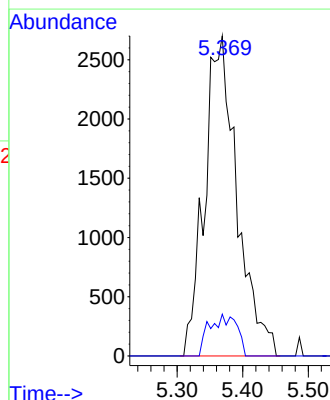
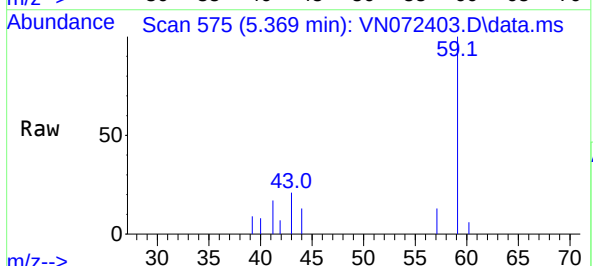
Instrument :
MSVOA_N
ClientSampleId :
40828RE

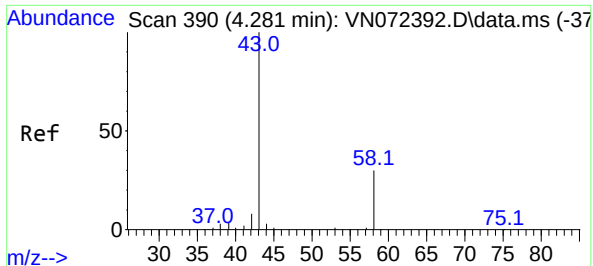
Tgt Ion:168 Resp: 247174
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#11
Tert butyl alcohol
Concen: 14.996 ug/l
RT: 5.369 min Scan# 575
Delta R.T. -0.000 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion: 59 Resp: 9283
Ion Ratio Lower Upper
59 100
57 6.9 8.3 12.5#

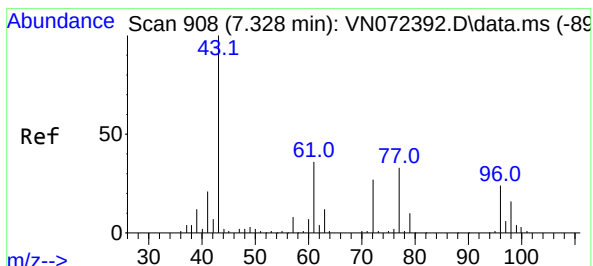
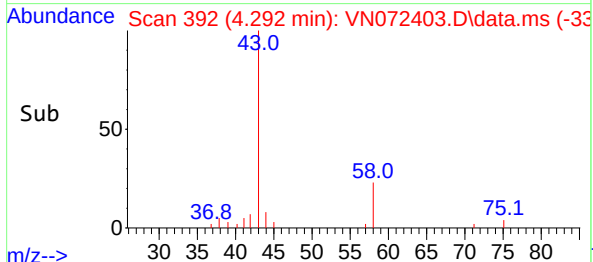
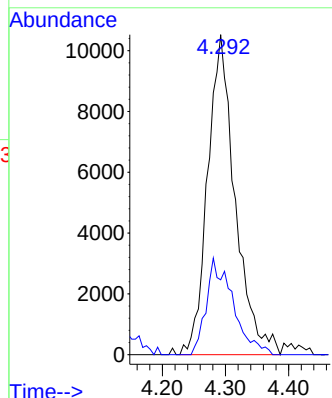
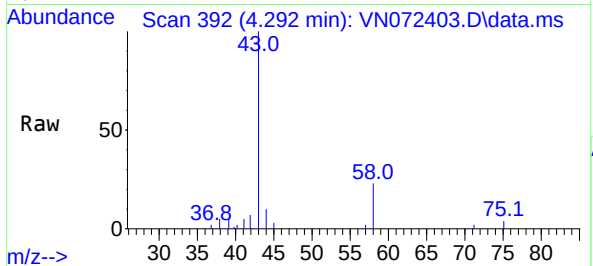




#16
Acetone
Concen: 21.250 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

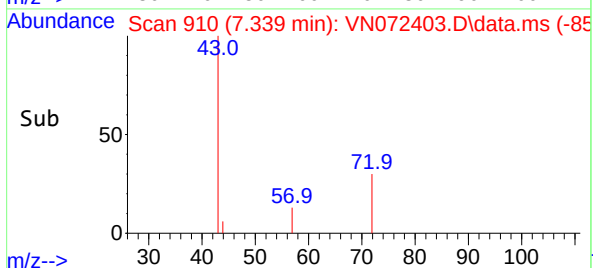
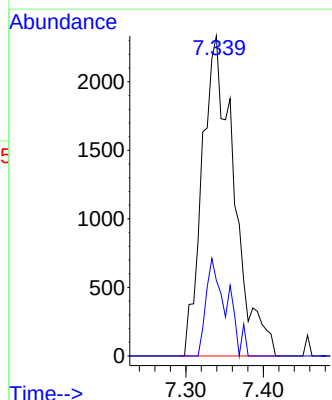
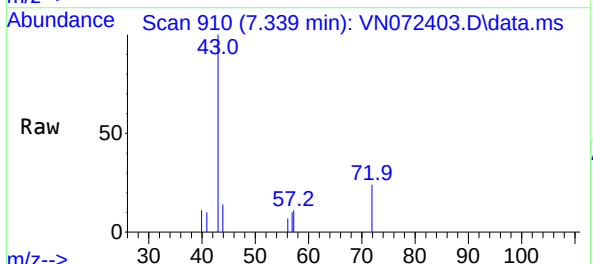
Instrument :
MSVOA_N
ClientSampleId :
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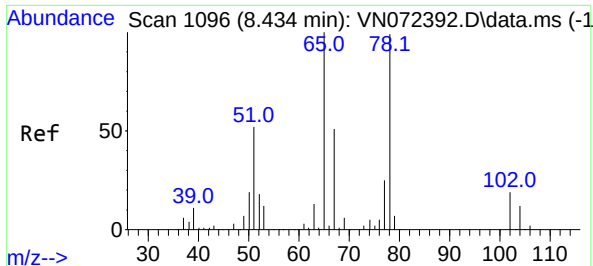
Tgt Ion: 43 Resp: 31861
Ion Ratio Lower Upper
43 100
58 23.4 26.0 39.0#



#25
2-Butanone
Concen: 2.812 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion: 43 Resp: 6654
Ion Ratio Lower Upper
43 100
72 23.6 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 47.696 ug/l

RT: 8.433 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

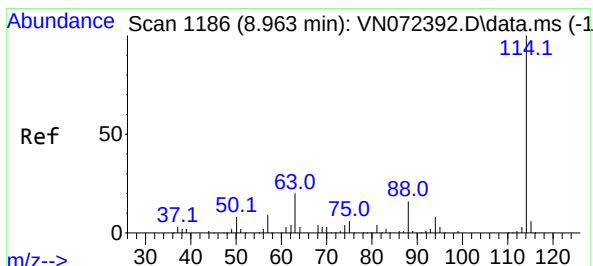
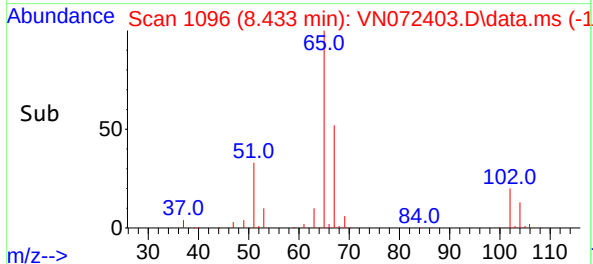
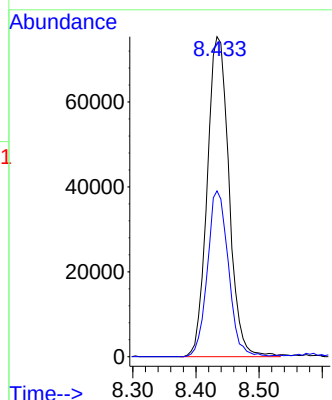
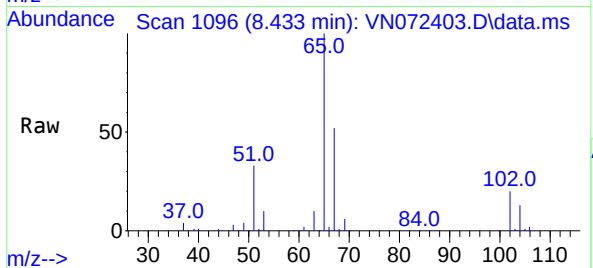
40828RE

Tgt Ion: 65 Resp: 180571

Ion Ratio Lower Upper

65 100

67 50.0 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: VN072403.D

Acq: 10 May 2022 19:51

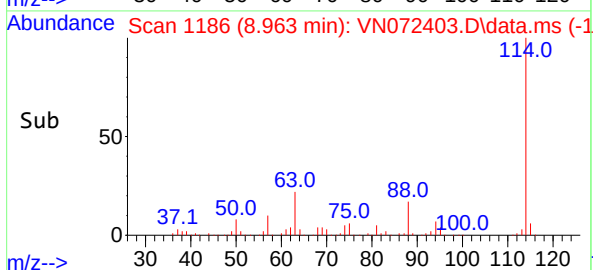
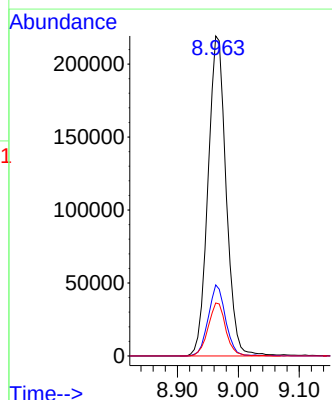
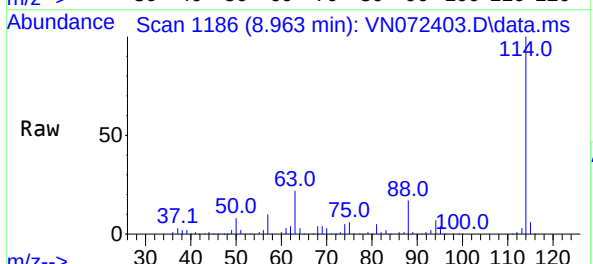
Tgt Ion: 114 Resp: 452827

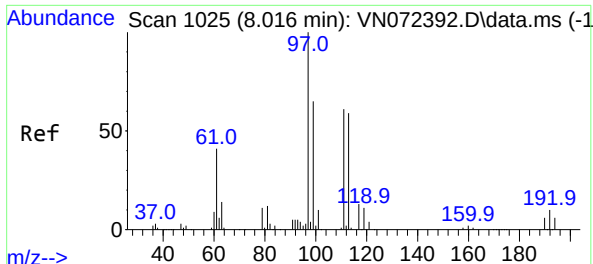
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.6 0.0 32.6

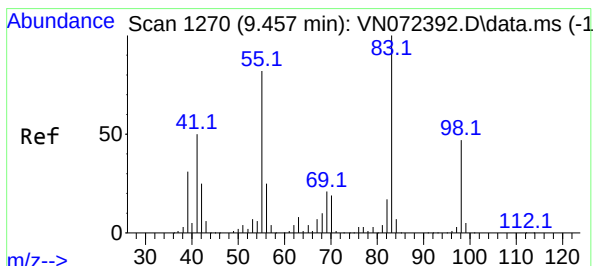
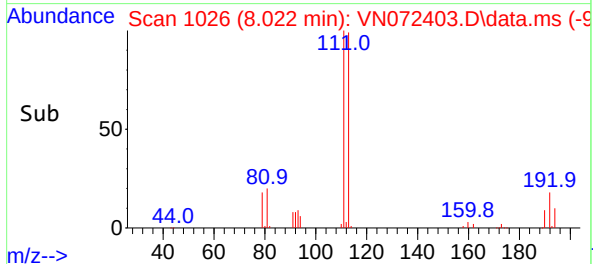
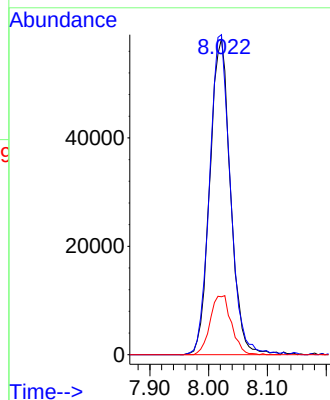
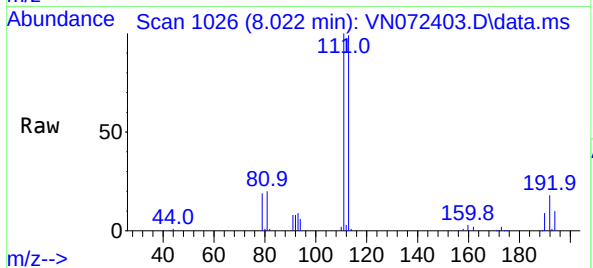




#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

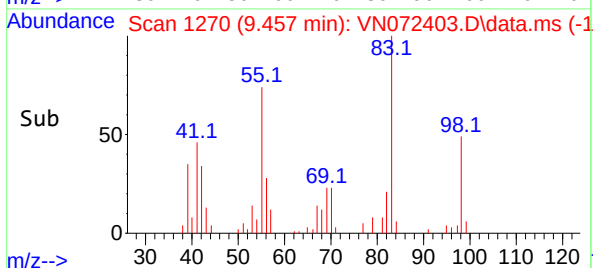
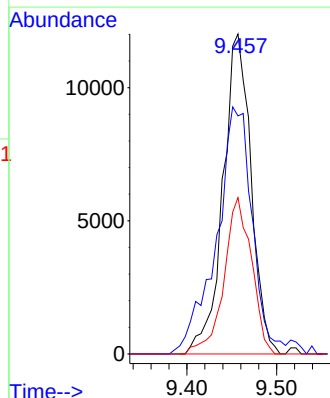
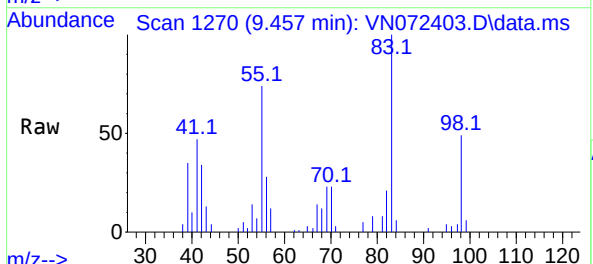
Instrument :
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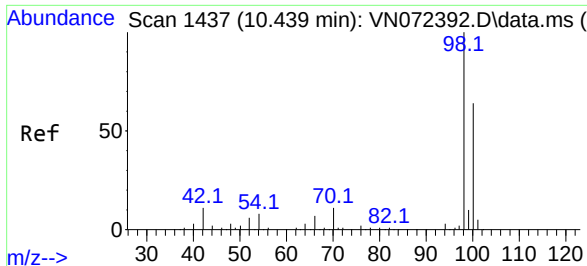
Tgt Ion:113 Resp: 141845
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.2 17.0 25.6



#39
Methylcyclohexane
Concen: 5.379 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion: 83 Resp: 26159
Ion Ratio Lower Upper
83 100
55 71.9 57.8 86.8
98 48.9 39.4 59.2

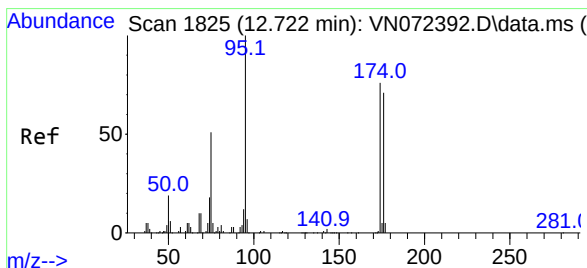
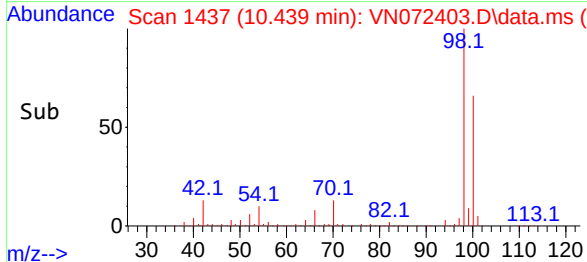
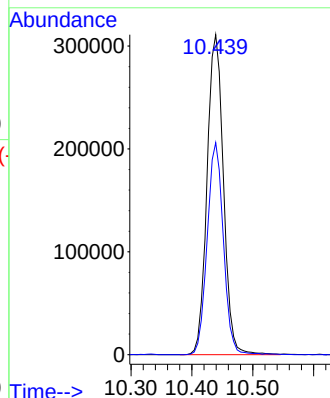
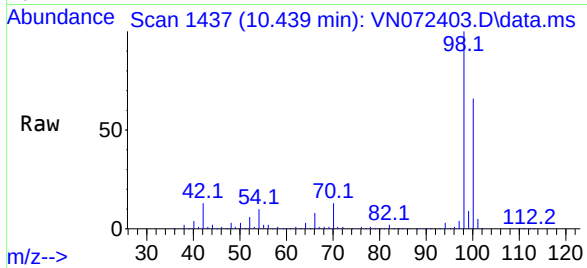




#50
Toluene-d8
Concen: 50.618 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

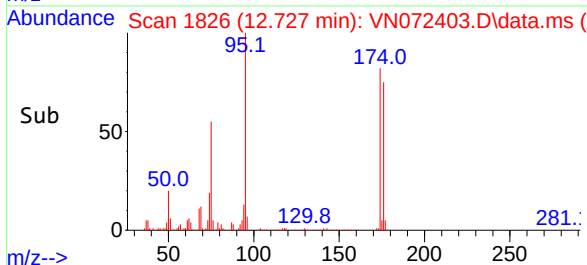
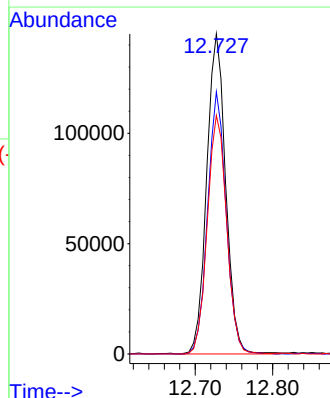
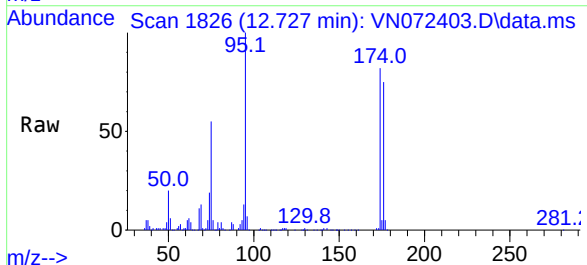
Instrument :
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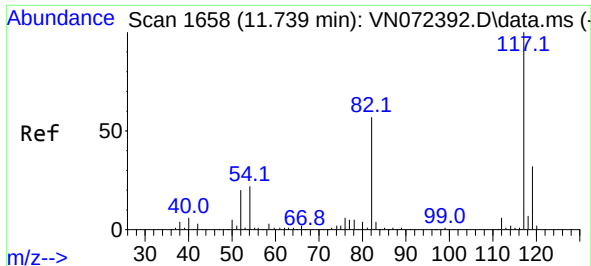
Tgt Ion: 98 Resp: 580775
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.740 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion: 95 Resp: 246689
Ion Ratio Lower Upper
95 100
174 79.8 0.0 167.6
176 75.7 0.0 163.4

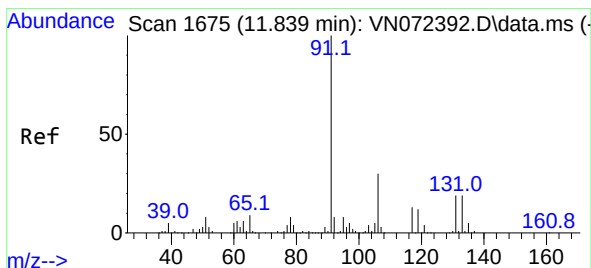
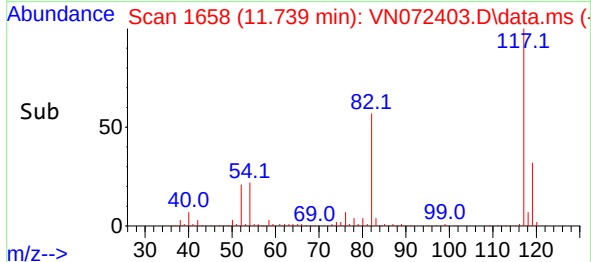
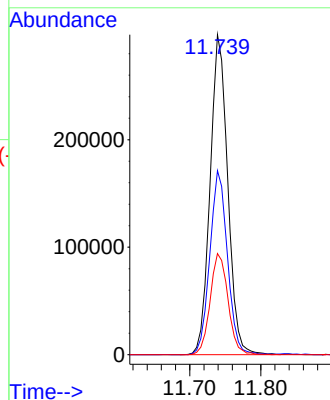
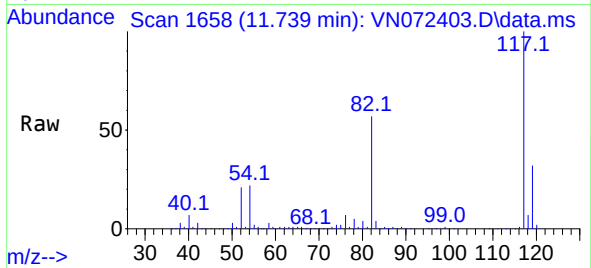




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

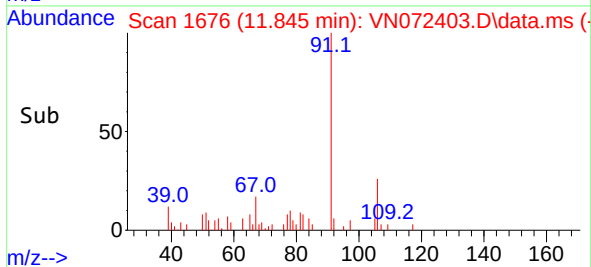
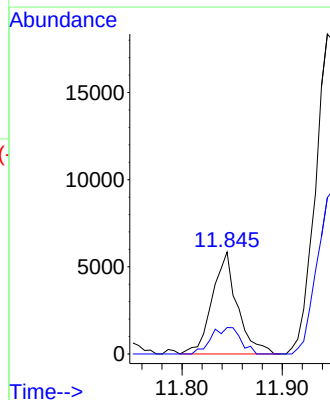
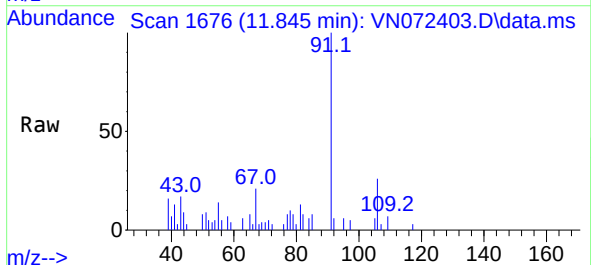
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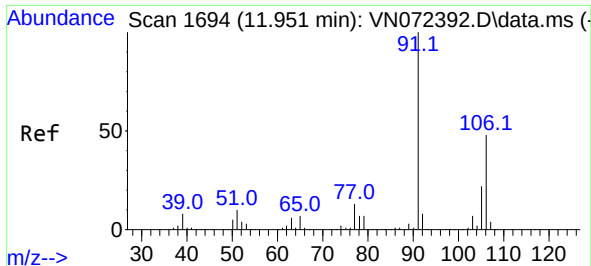
Tgt Ion:117 Resp: 513080
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.6 25.4 38.0



#67
Ethyl Benzene
Concen: 0.564 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion: 91 Resp: 10195
Ion Ratio Lower Upper
91 100
106 25.8 24.9 37.3

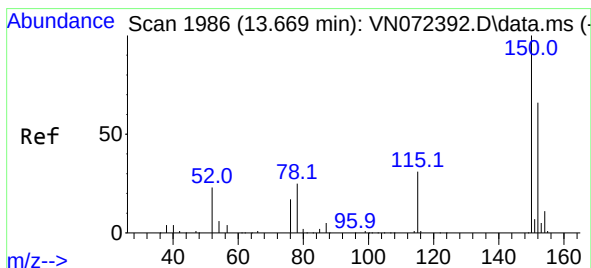
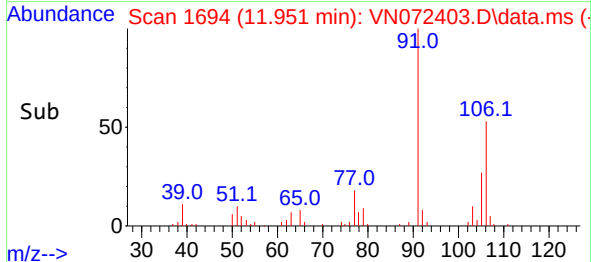
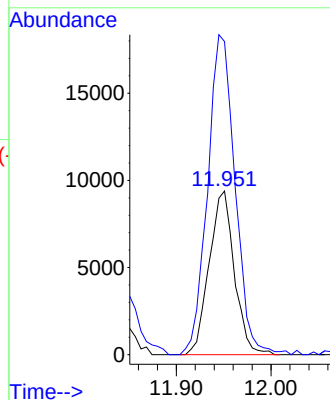
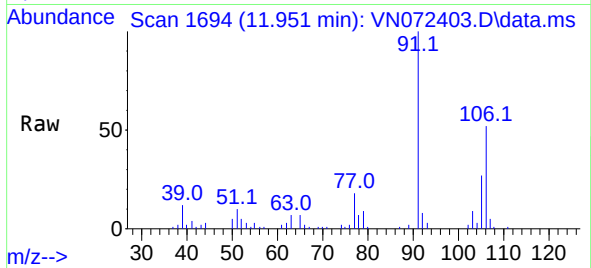




#68
m/p-Xylenes
Concen: 2.524 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

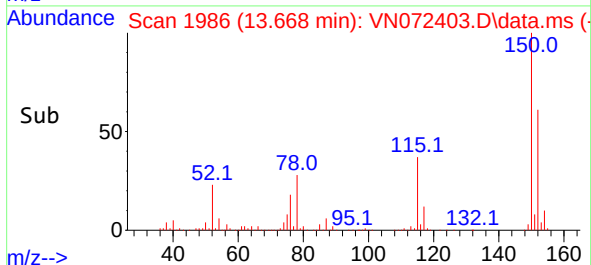
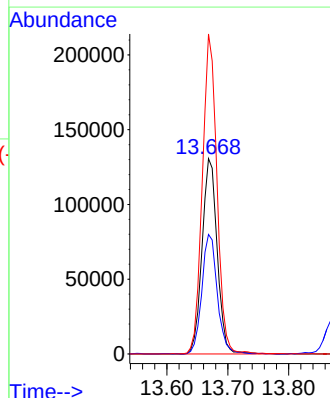
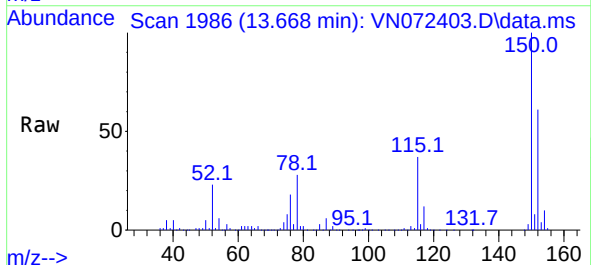
Instrument :
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40828RE

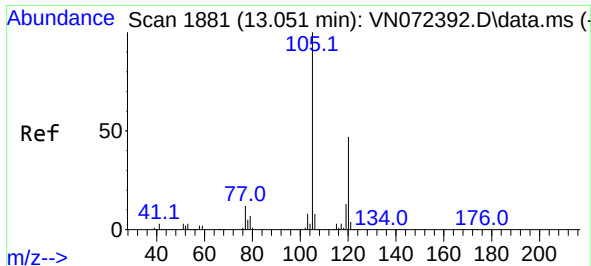
Tgt Ion:106 Resp: 17315
Ion Ratio Lower Upper
106 100
91 213.8 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Tgt Ion:152 Resp: 225856
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 158.3 0.0 356.2

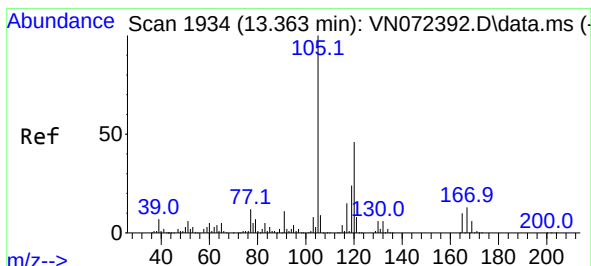
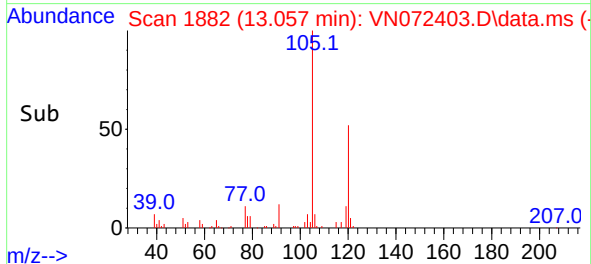
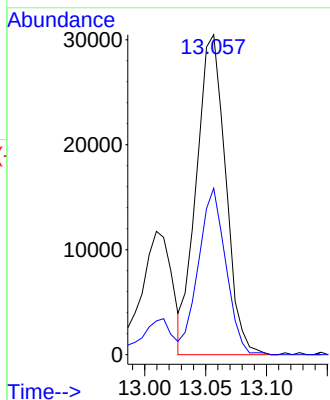
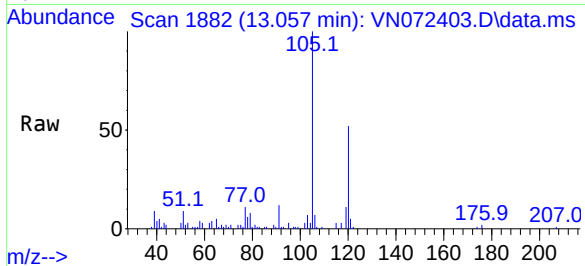




#80
1,3,5-Trimethylbenzene
Concen: 3.321 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

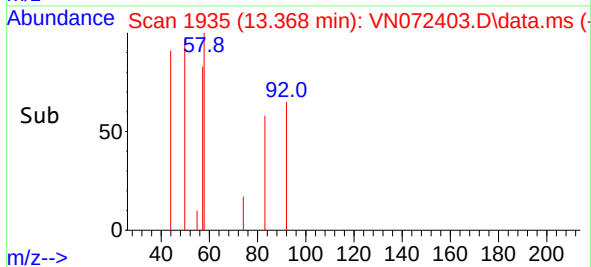
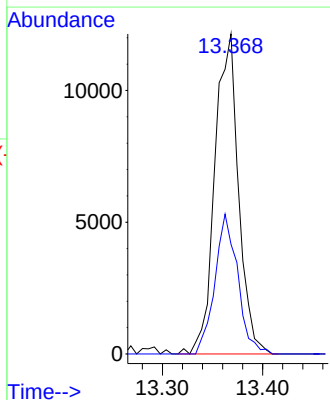
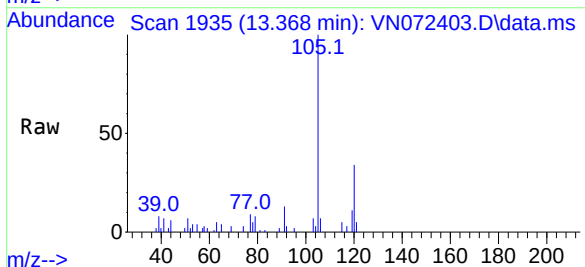
Instrument :
MSVOA_N
ClientSampleId :
40828RE

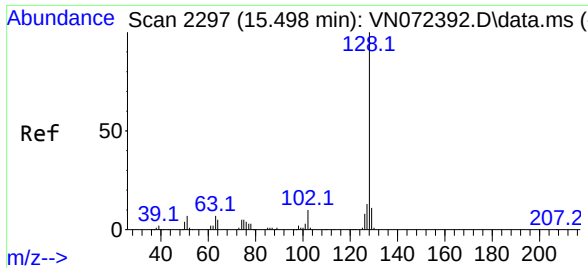
Tgt Ion:105 Resp: 50891
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.340 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

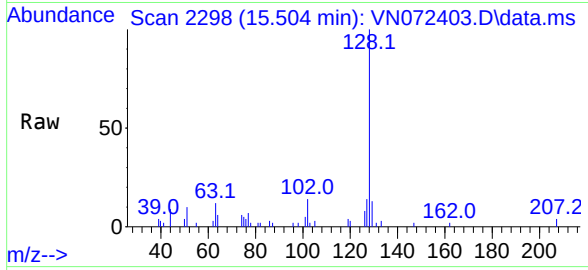
Tgt Ion:105 Resp: 19968
Ion Ratio Lower Upper
105 100
120 42.1 23.3 69.8





#95
Naphthalene
Concen: 5.165 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072403.D
Acq: 10 May 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
40828RE



Tgt Ion:	128	Resp:	22916
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	13.6	8.6	13.0

