

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072046.D
 Acq On : 19 Apr 2022 13:49
 Operator : JC\MD
 Sample : N2452-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-2

Quant Time: Apr 20 01:24:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	527210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	898429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1054150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	426631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	283819	47.156	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.320%
35) Dibromofluoromethane	8.016	113	249944	47.278	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.560%
50) Toluene-d8	10.433	98	1209614	55.931	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.860%
62) 4-Bromofluorobenzene	12.727	95	443146	63.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.720%

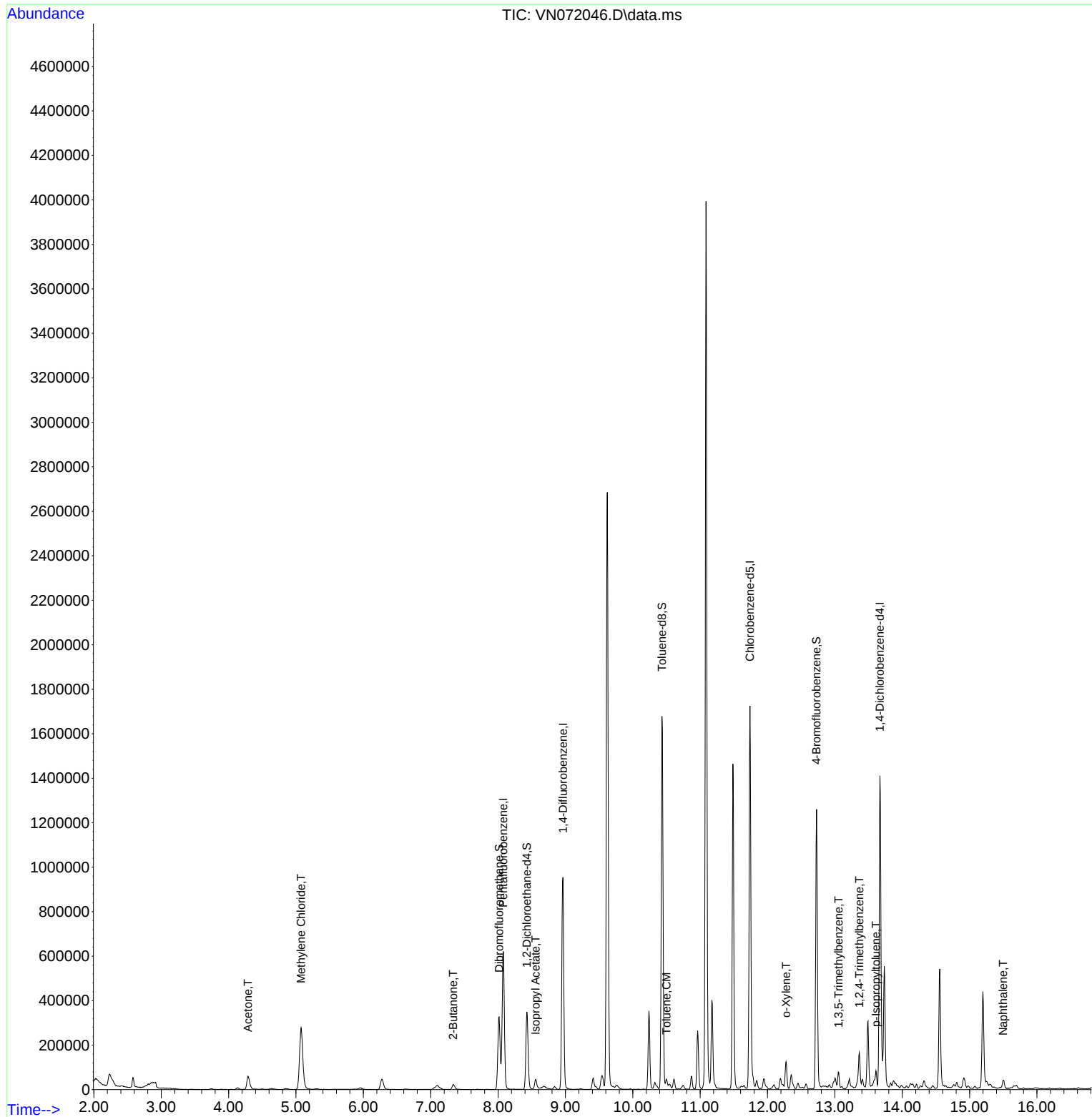
Target Compounds						Qvalue
16) Acetone	4.287	43	108765	42.285	ug/l	91
20) Methylene Chloride	5.075	84	254400	46.924	ug/l	96
25) 2-Butanone	7.333	43	41300	11.138	ug/l	95
43) Isopropyl Acetate	8.557	43	47498	3.534	ug/l #	91
52) Toluene	10.498	92	17011	1.154	ug/l	98
69) o-Xylene	12.274	106	26528	1.947	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	31498	1.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	84678	3.047	ug/l	99
86) p-Isopropyltoluene	13.610	119	38879	1.445	ug/l	96
95) Naphthalene	15.498	128	41331	5.769	ug/l	100

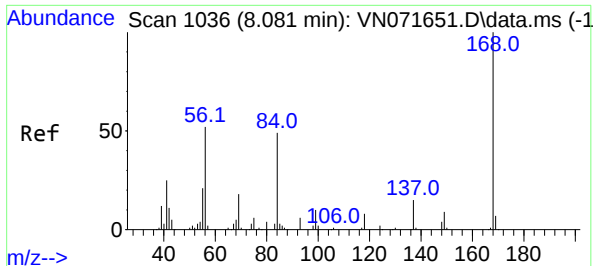
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

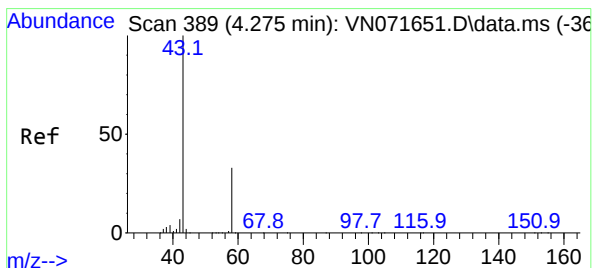
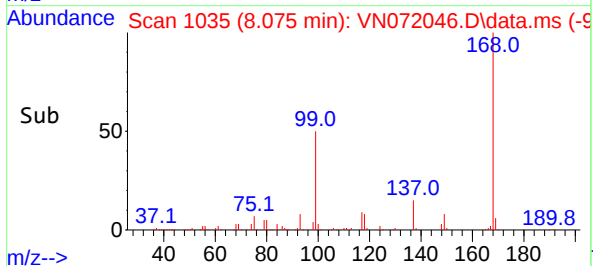
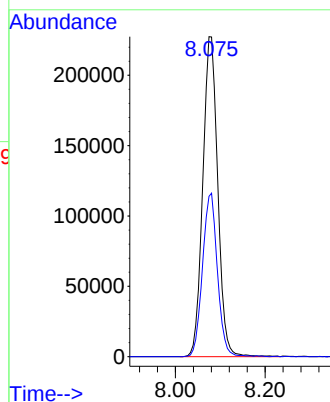
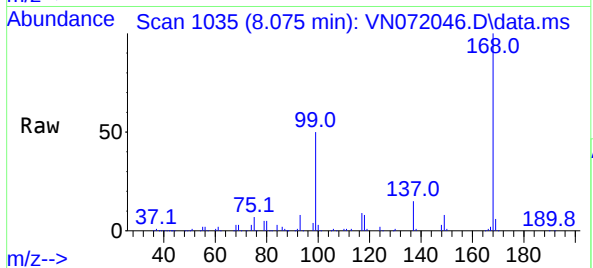




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

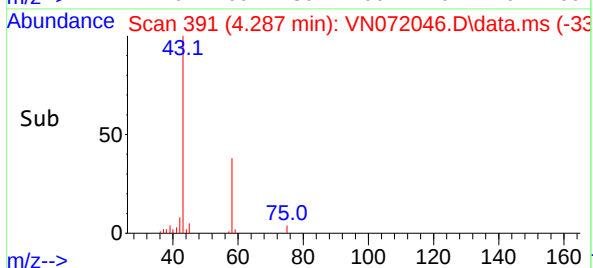
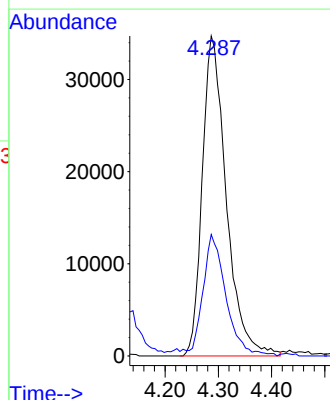
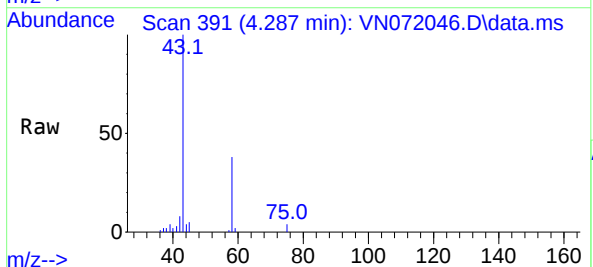
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

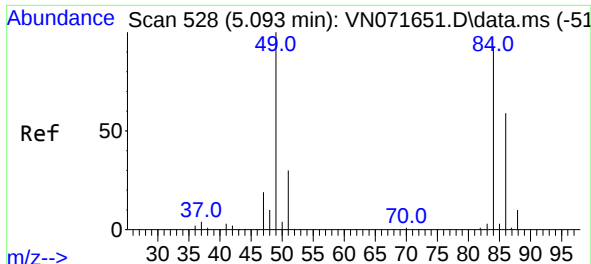
Tgt Ion:168 Resp: 527210
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#16
Acetone
Concen: 42.285 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion: 43 Resp: 108765
Ion Ratio Lower Upper
43 100
58 37.4 26.0 39.0



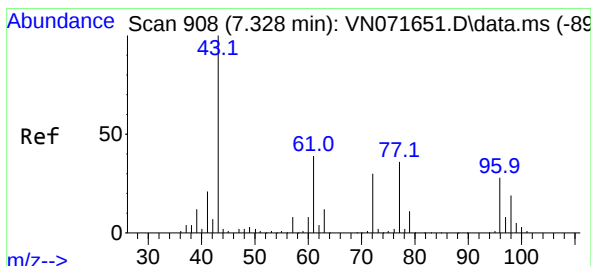
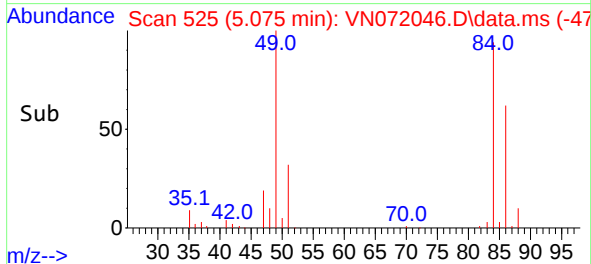
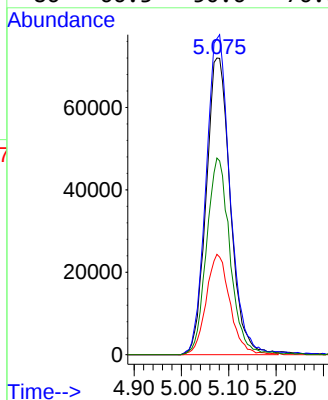
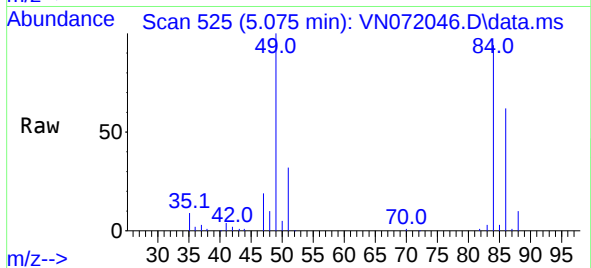


#20
Methylene Chloride
Concen: 46.924 ug/l
RT: 5.075 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

Tgt Ion: 84 Resp: 254400

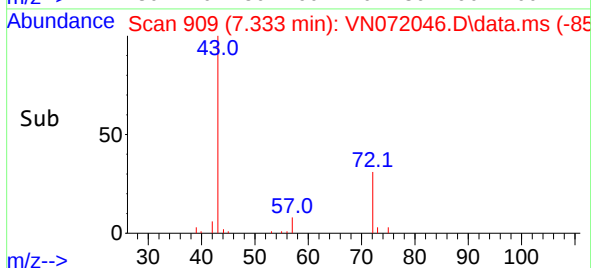
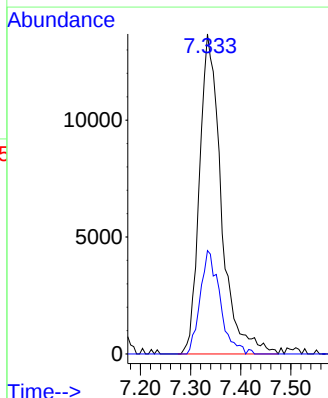
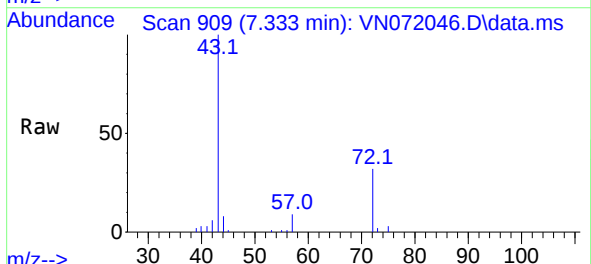
Ion	Ratio	Lower	Upper
84	100		
49	106.5	88.3	132.5
51	33.8	28.2	42.2
86	66.3	50.6	76.0

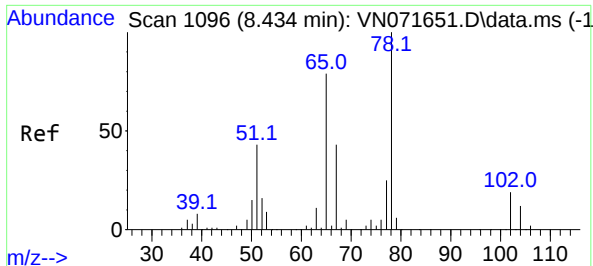


#25
2-Butanone
Concen: 11.138 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion: 43 Resp: 41300

Ion	Ratio	Lower	Upper
43	100		
72	32.3	23.7	35.5

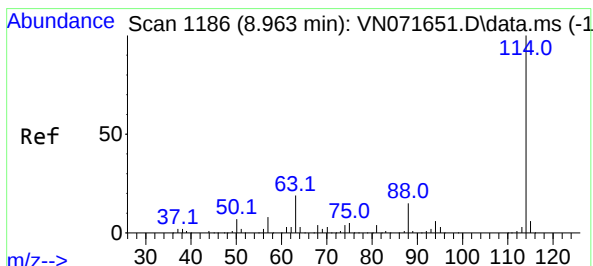
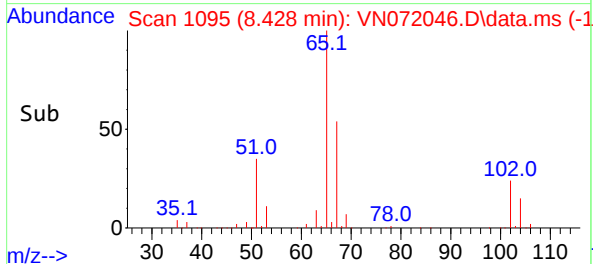
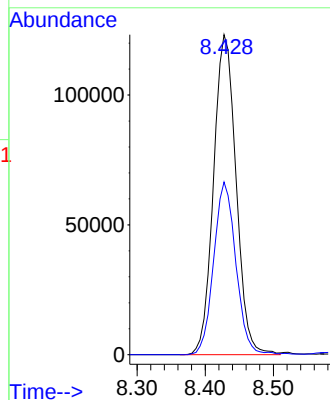
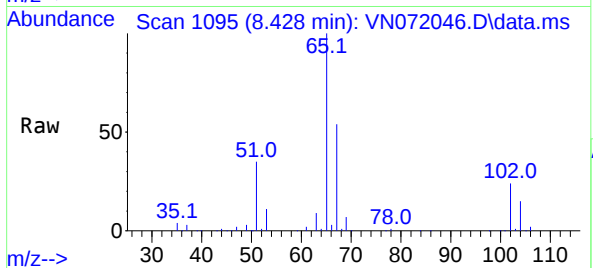




#33
1,2-Dichloroethane-d4
Concen: 47.156 ug/l
RT: 8.428 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

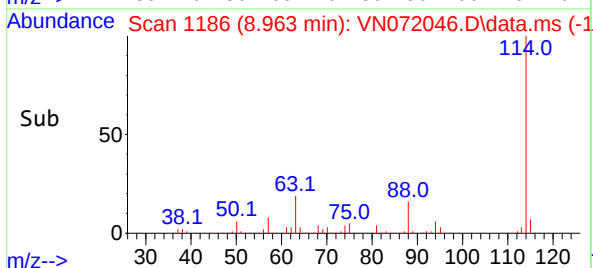
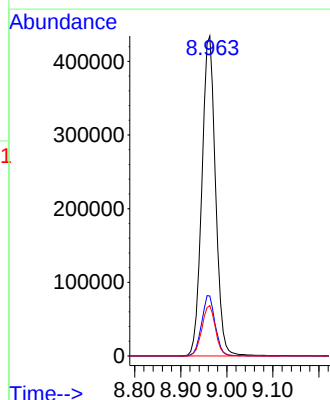
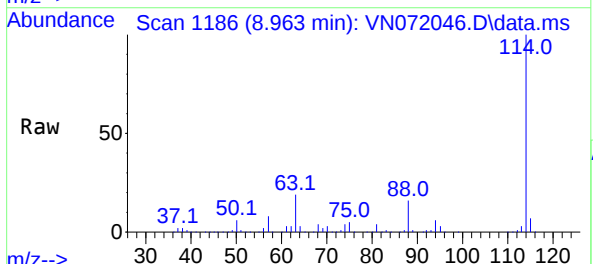
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

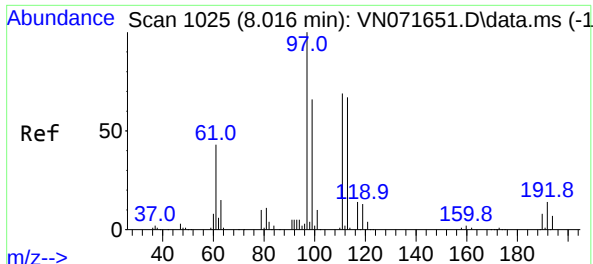
Tgt Ion: 65 Resp: 283819
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion:114 Resp: 898429
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.8 0.0 32.6

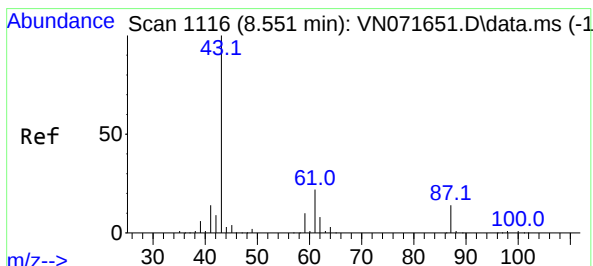
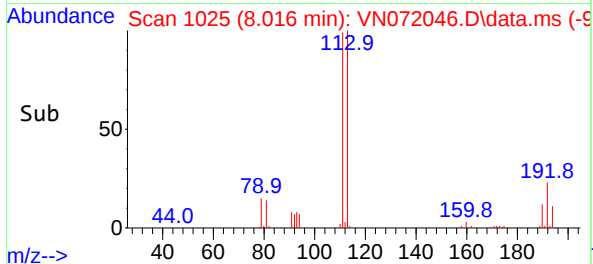
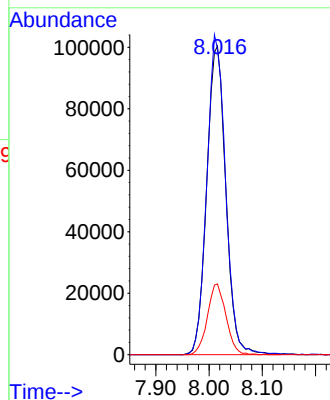
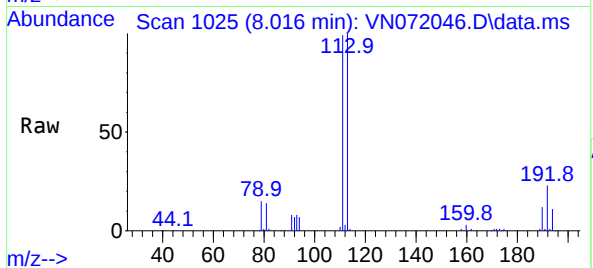




#35
Dibromofluoromethane
Concen: 47.278 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

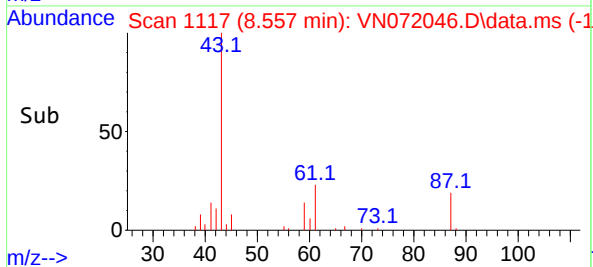
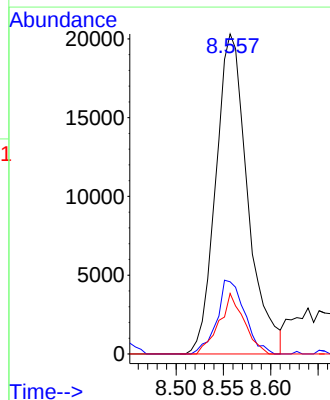
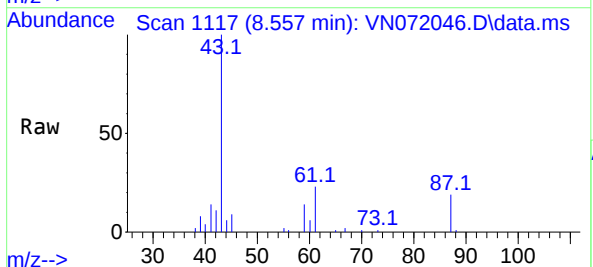
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

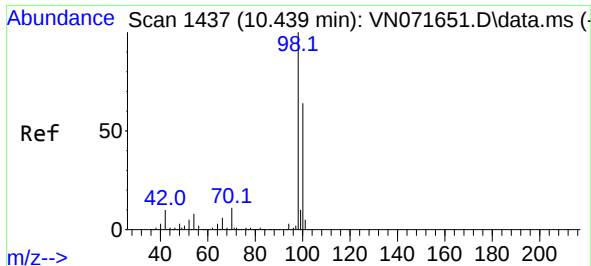
Tgt Ion:113 Resp: 249944
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.3 17.0 25.6



#43
Isopropyl Acetate
Concen: 3.534 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion: 43 Resp: 47498
Ion Ratio Lower Upper
43 100
61 20.1 21.9 32.9#
87 14.8 12.0 18.0

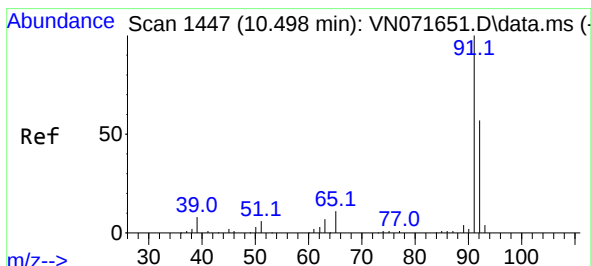
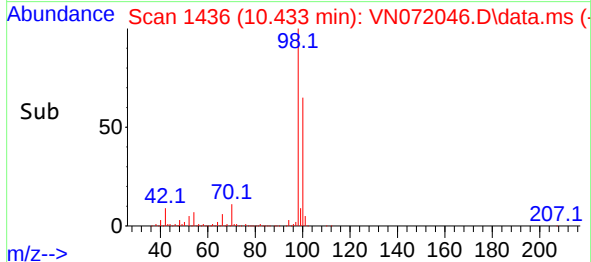
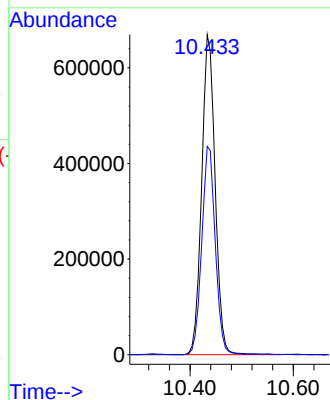
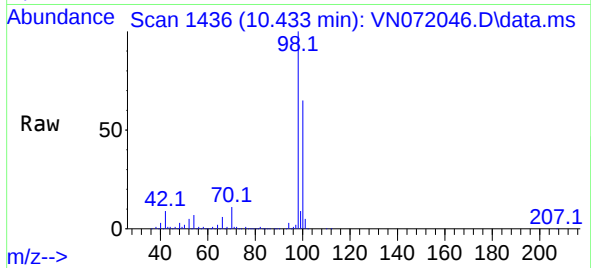




#50
Toluene-d8
Concen: 55.931 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

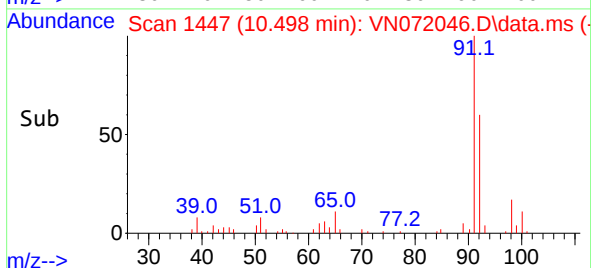
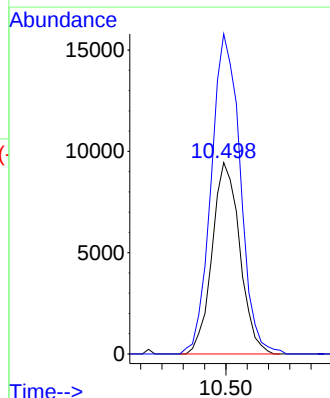
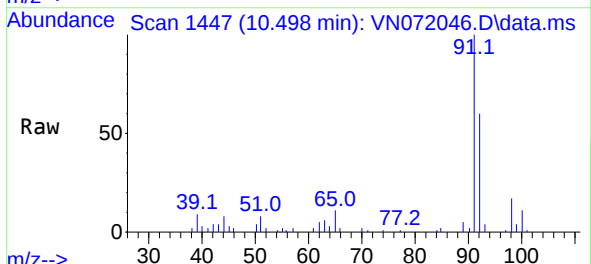
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

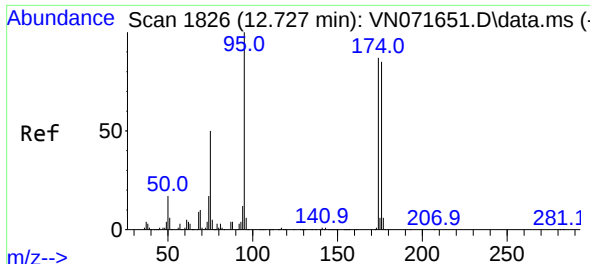
Tgt Ion: 98 Resp: 1209614
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 1.154 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion: 92 Resp: 17011
Ion Ratio Lower Upper
92 100
91 175.6 138.6 207.8

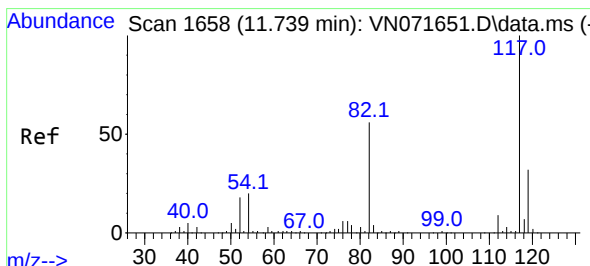
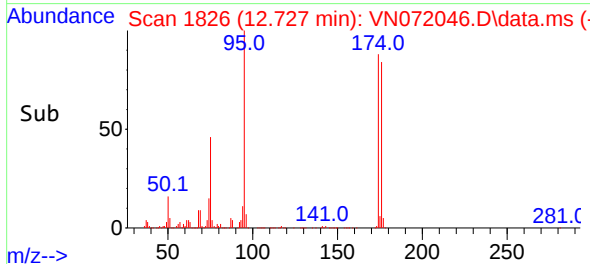
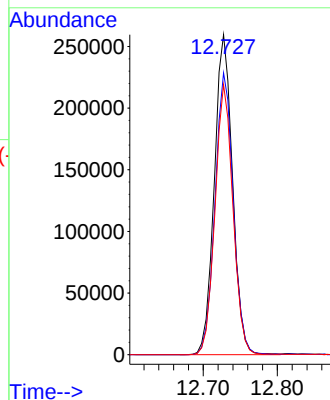
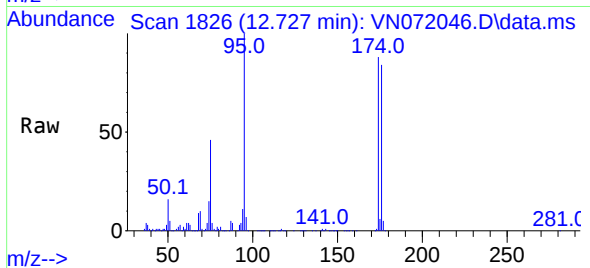




#62
4-Bromofluorobenzene
Concen: 63.357 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

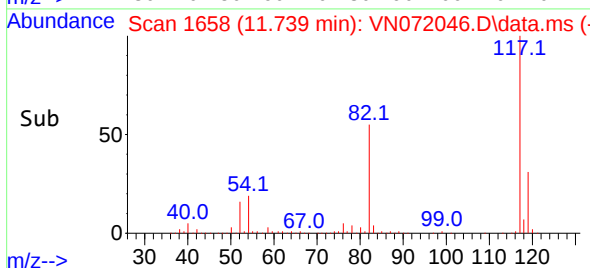
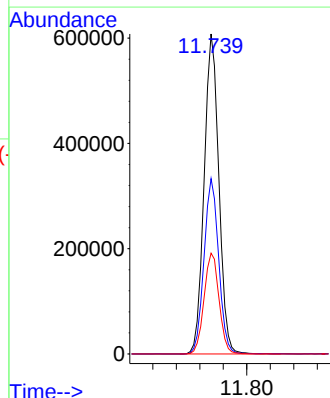
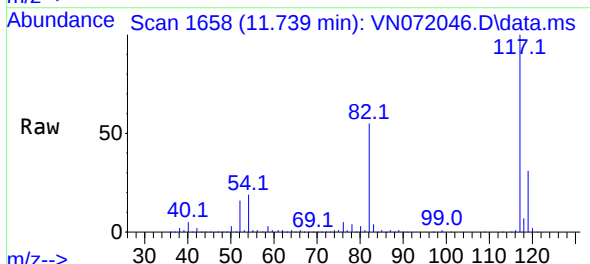
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WC-15-1-2

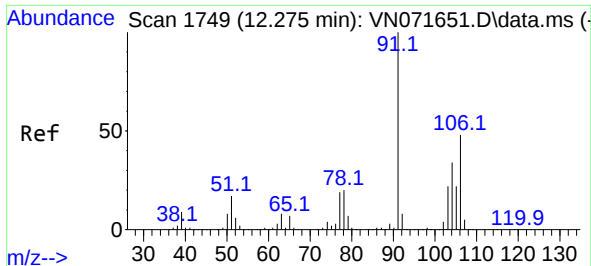
Tgt Ion: 95 Resp: 443146
Ion Ratio Lower Upper
95 100
174 88.1 0.0 167.6
176 83.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion: 117 Resp: 1054150
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.5 25.4 38.0

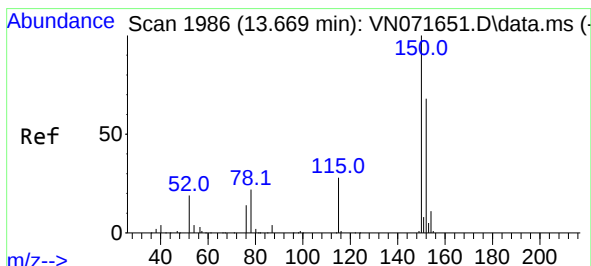
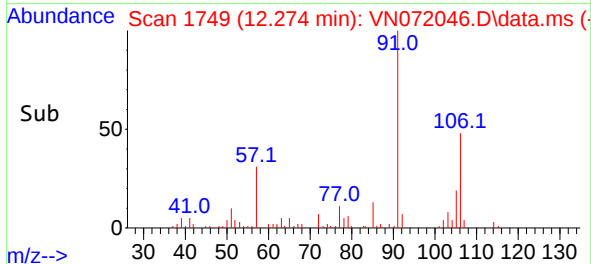
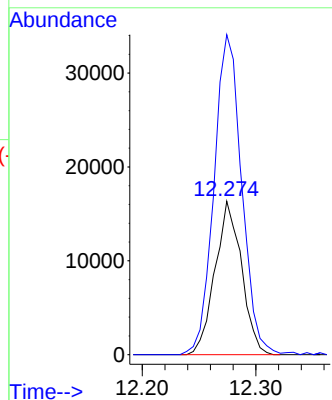
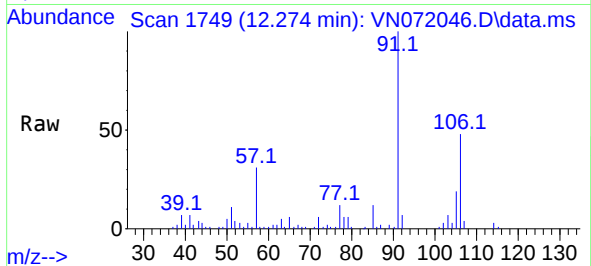




#69
o-Xylene
Concen: 1.947 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

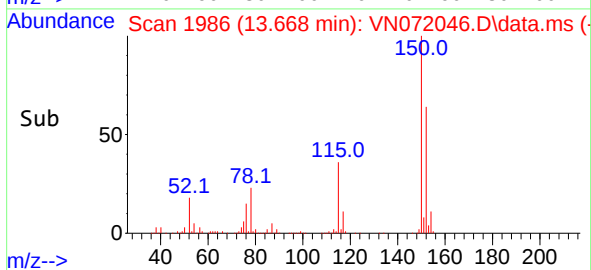
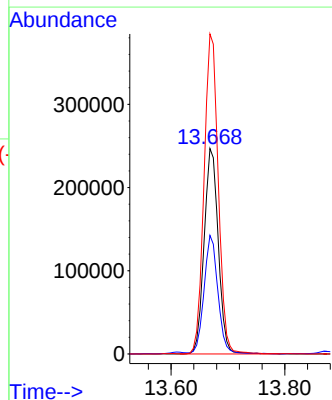
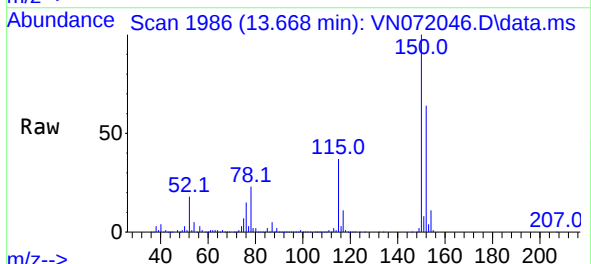
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

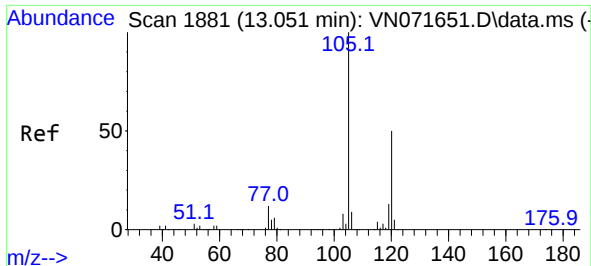
Tgt Ion:106 Resp: 26528
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion:152 Resp: 426631
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 156.4 0.0 356.2

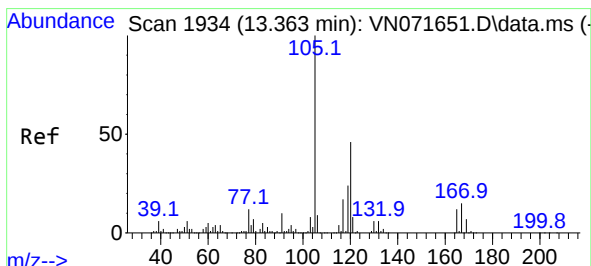
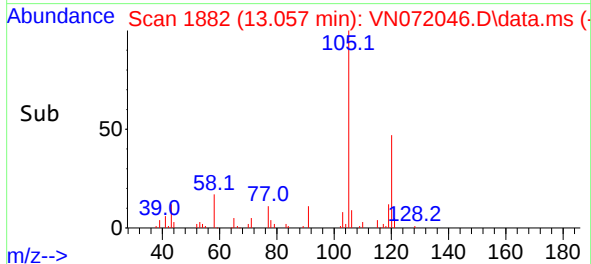
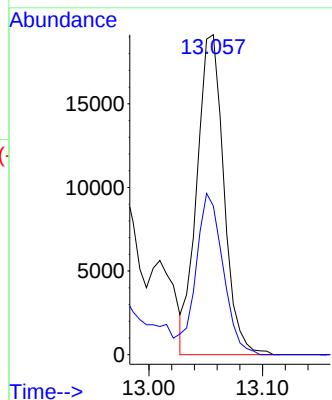
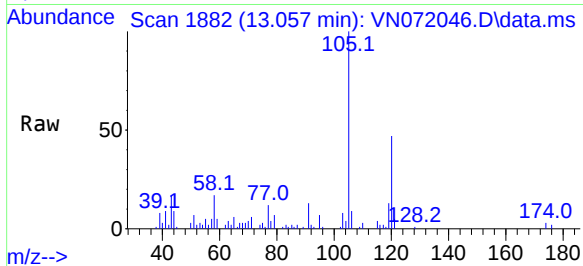




#80
1,3,5-Trimethylbenzene
Concen: 1.106 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

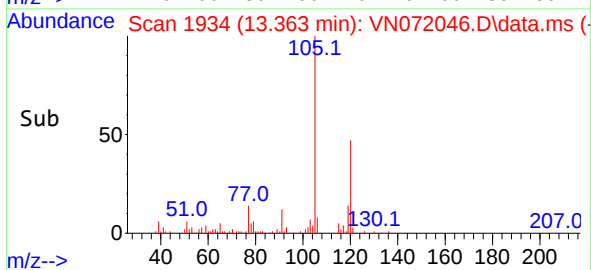
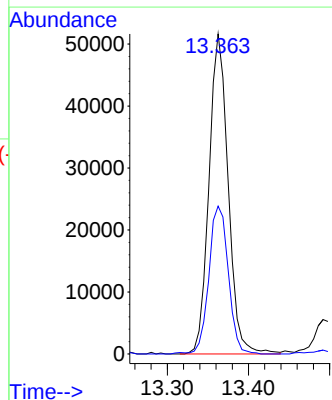
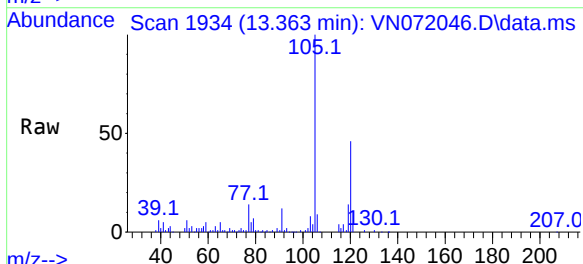
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

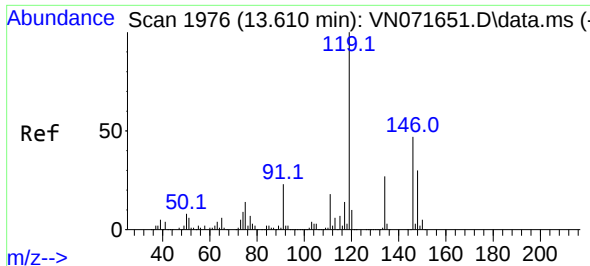
Tgt Ion:105 Resp: 31498
Ion Ratio Lower Upper
105 100
120 51.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 3.047 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion:105 Resp: 84678
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

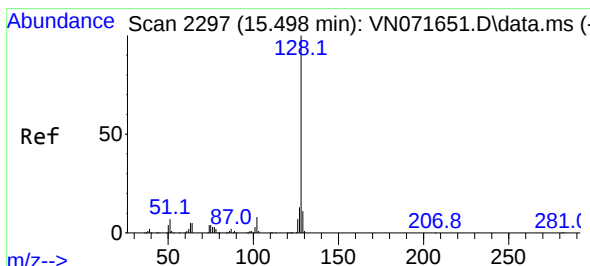
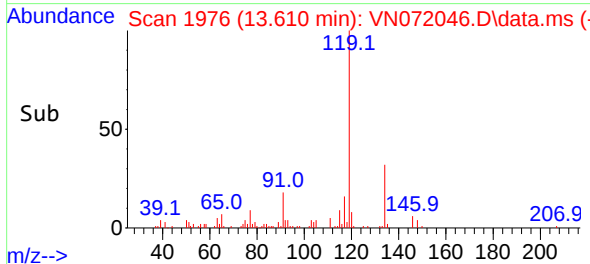
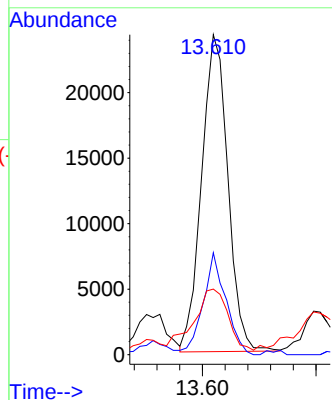
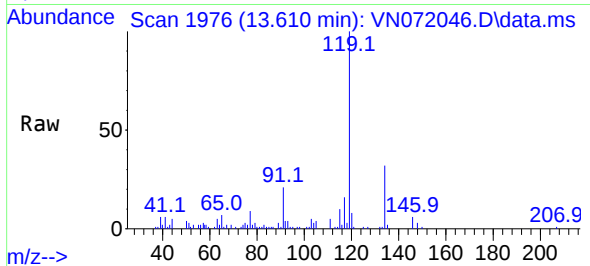




#86
p-Isopropyltoluene
Concen: 1.445 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

Tgt Ion:	119	Resp:	38879
Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.3	39.8
91	24.7	11.3	33.9



#95
Naphthalene
Concen: 5.769 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072046.D
Acq: 19 Apr 2022 13:49

Tgt Ion:	128	Resp:	41331
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	13.0

