

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071076.D
 Acq On : 25 Feb 2022 17:46
 Operator : JC\MD
 Sample : N1664-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Feb 26 03:43:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

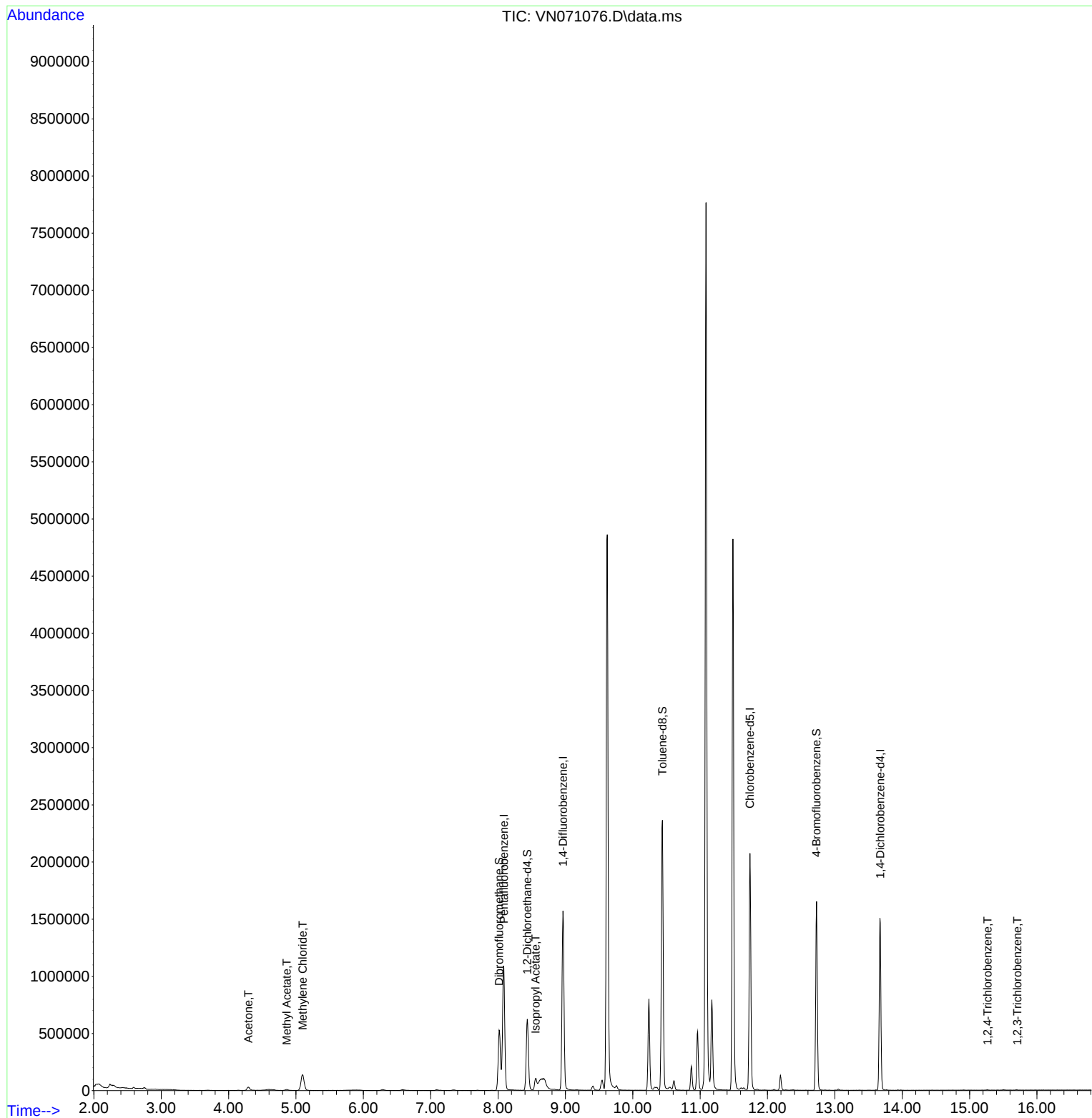
Internal Standards						
1) Pentafluorobenzene	8.086	168	850267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1374088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1201686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	421695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	508889	52.394	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.780%	
35) Dibromofluoromethane	8.016	113	391699	47.926	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.860%	
50) Toluene-d8	10.439	98	1664196	50.703	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.727	95	564812	48.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.280%	
Target Compounds						
						Qvalue
16) Acetone	4.293	43	51519	9.631	ug/l	94
18) Methyl Acetate	4.863	43	19207	1.050	ug/l	96
20) Methylene Chloride	5.098	84	110871	11.405	ug/l	93
43) Isopropyl Acetate	8.557	43	129195	5.708	ug/l #	82
93) 1,2,4-Trichlorobenzene	15.268	180	1367	2.168	ug/l	97
96) 1,2,3-Trichlorobenzene	15.709	180	1454	2.709	ug/l	95

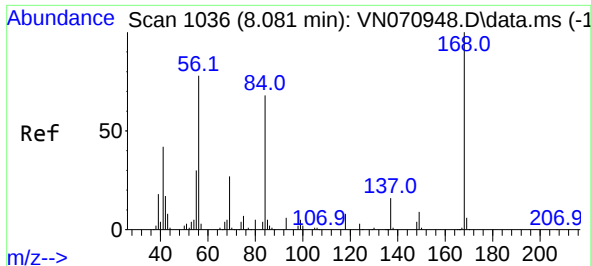
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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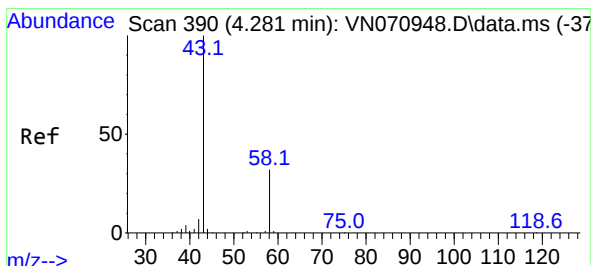
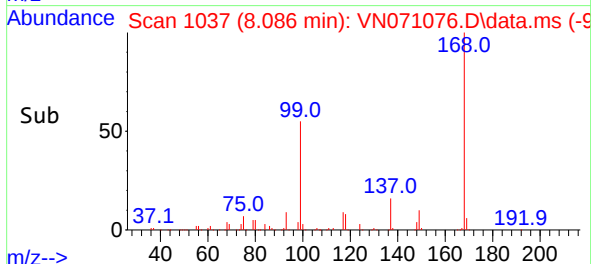
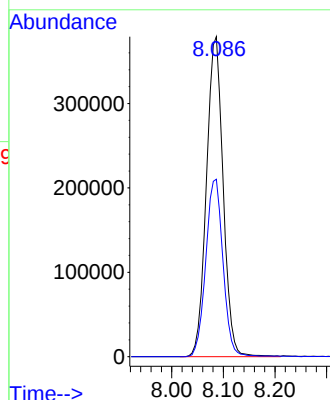
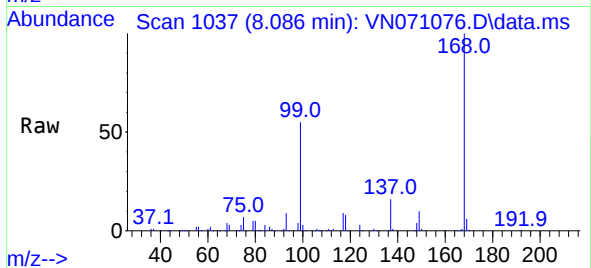




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

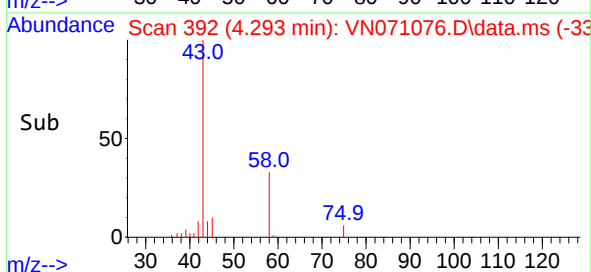
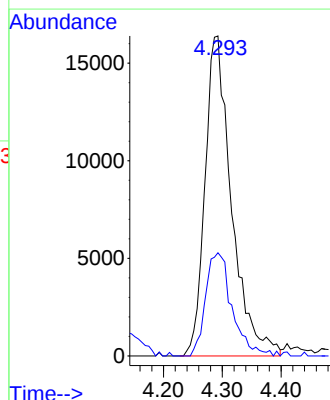
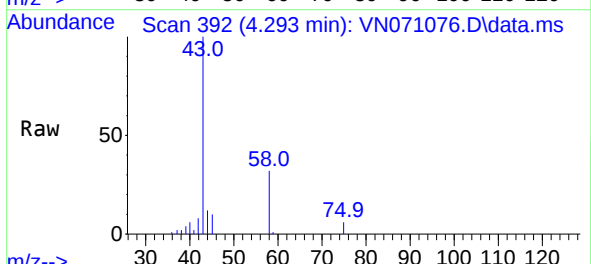
Instrument :
MSVOA_N
ClientSampleId :
TP-4

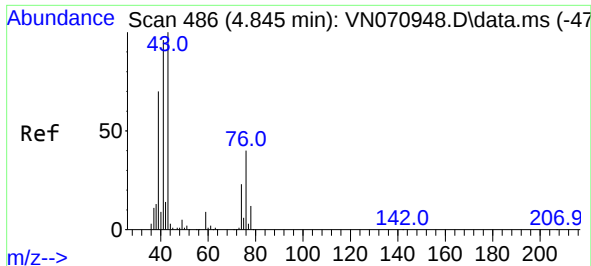
Tgt Ion:168 Resp: 850267
Ion Ratio Lower Upper
168 100
99 55.5 41.3 61.9



#16
Acetone
Concen: 9.631 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

Tgt Ion: 43 Resp: 51519
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7

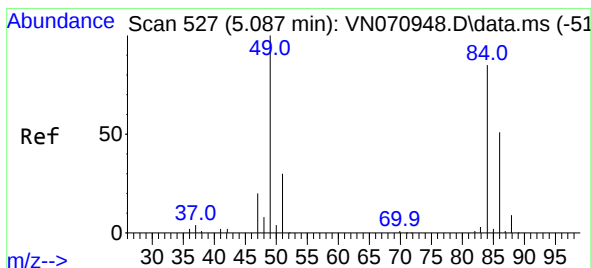
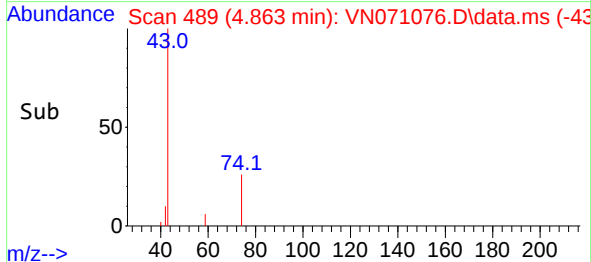
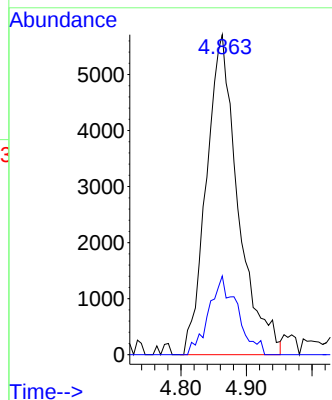
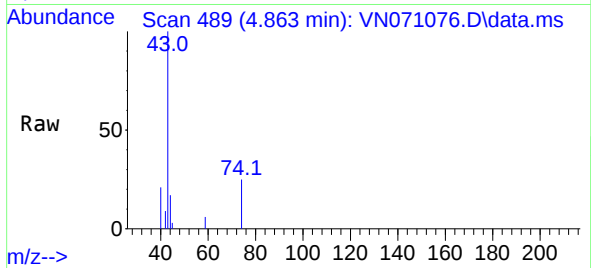




#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

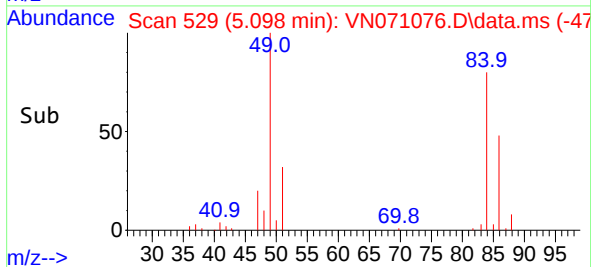
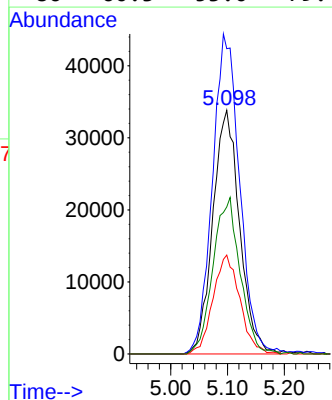
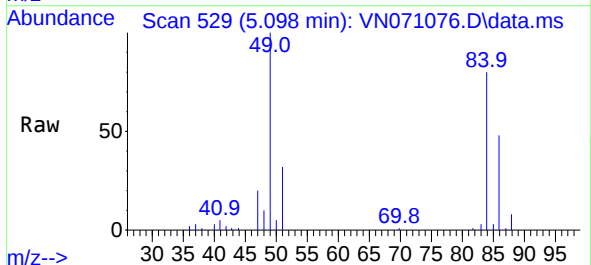
Instrument :
MSVOA_N
ClientSampleId :
TP-4

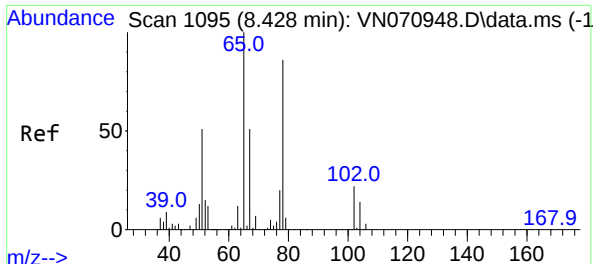
Tgt Ion: 43 Resp: 19207
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



#20
Methylene Chloride
Concen: 11.405 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

Tgt Ion: 84 Resp: 110871
Ion Ratio Lower Upper
84 100
49 125.3 93.5 140.3
51 40.5 29.4 44.2
86 60.3 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.394 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071076.D

Acq: 25 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

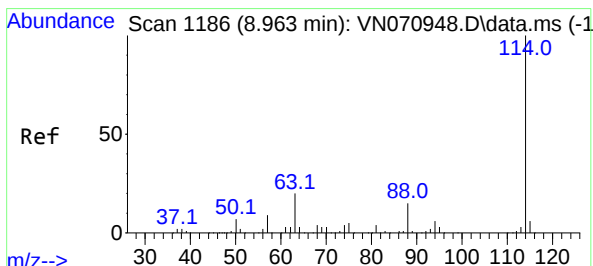
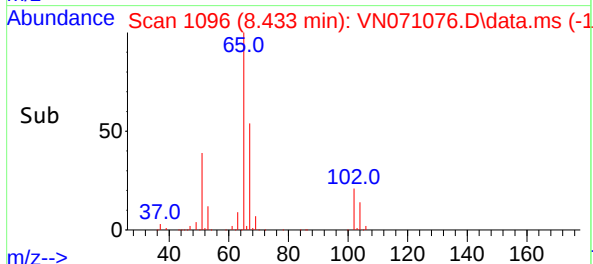
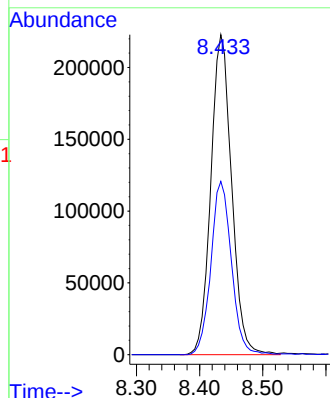
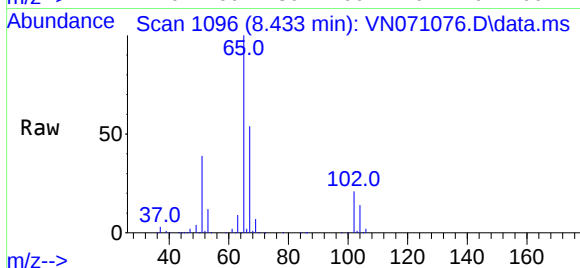
TP-4

Tgt Ion: 65 Resp: 508889

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071076.D

Acq: 25 Feb 2022 17:46

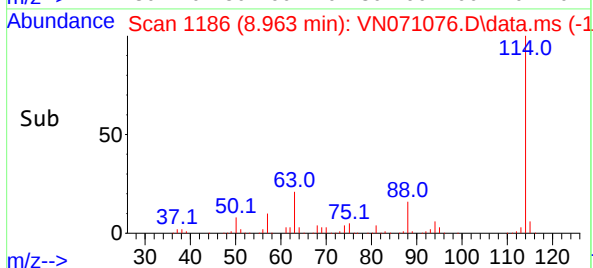
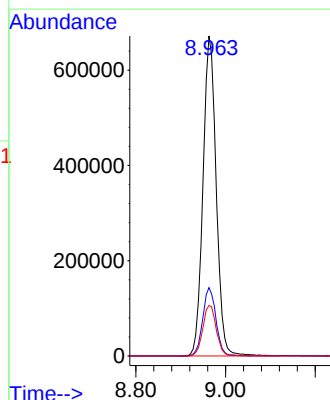
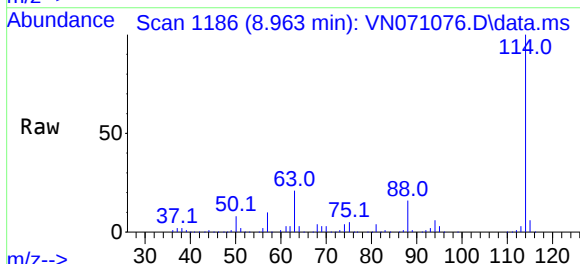
Tgt Ion: 114 Resp: 1374088

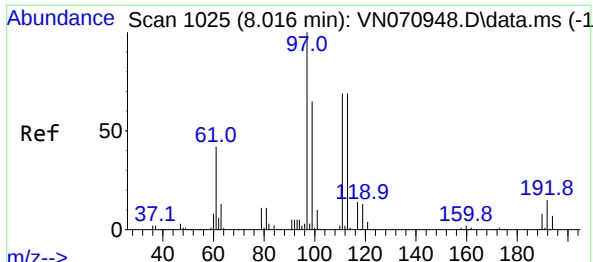
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 15.7 0.0 27.4

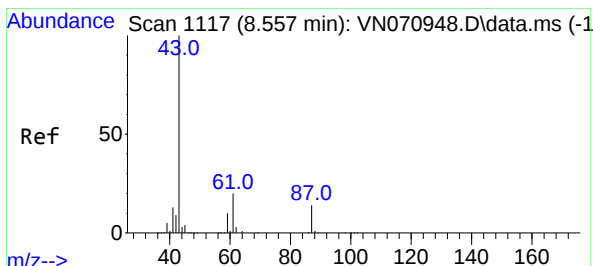
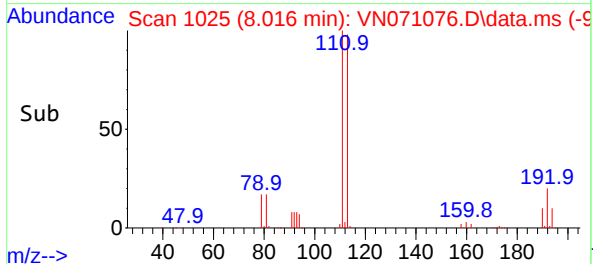
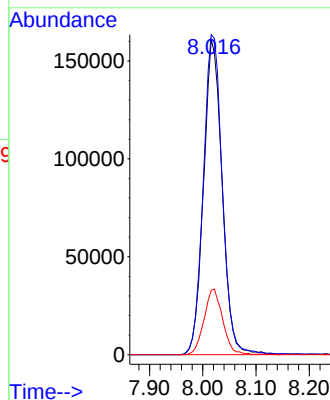
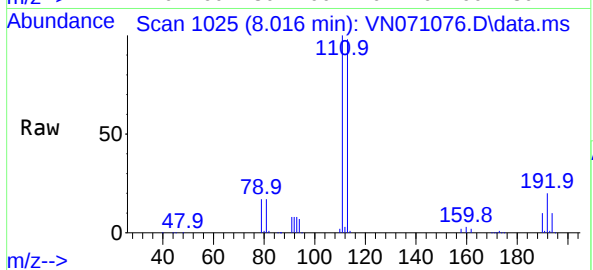




#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

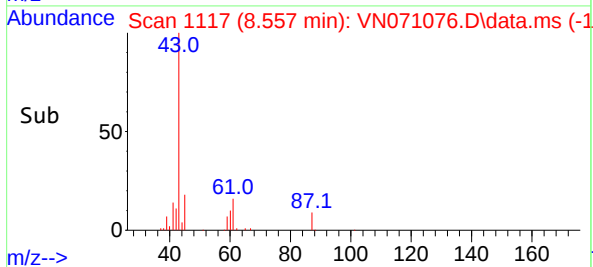
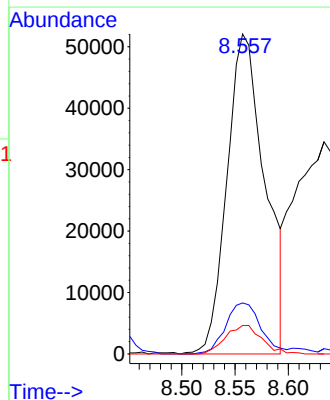
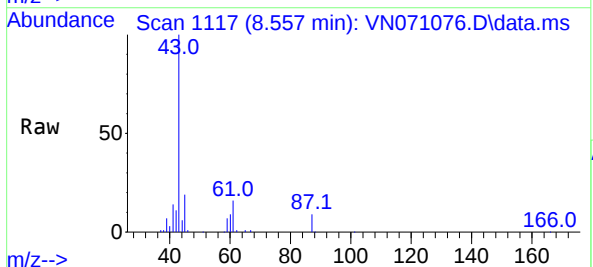
Instrument :
MSVOA_N
ClientSampleId :
TP-4

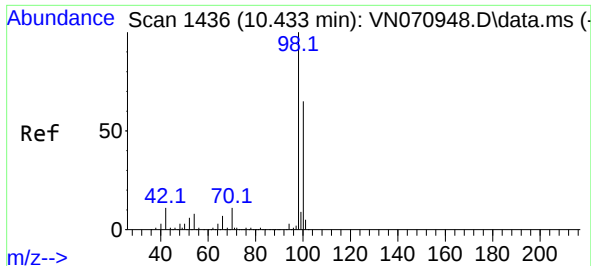
Tgt Ion:113 Resp: 391699
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.8 16.9 25.3



#43
Isopropyl Acetate
Concen: 5.708 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

Tgt Ion: 43 Resp: 129195
Ion Ratio Lower Upper
43 100
61 14.8 20.4 30.6#
87 8.5 11.2 16.8#

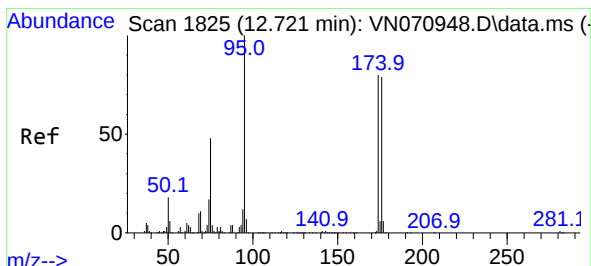
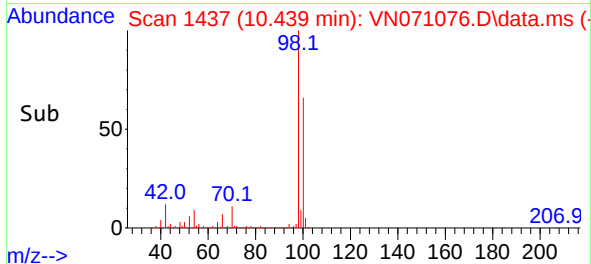
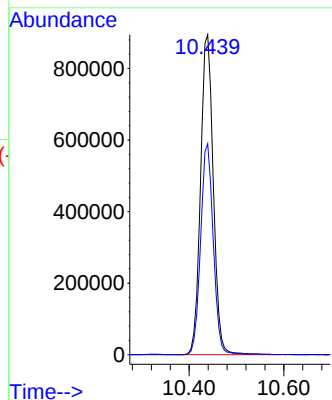
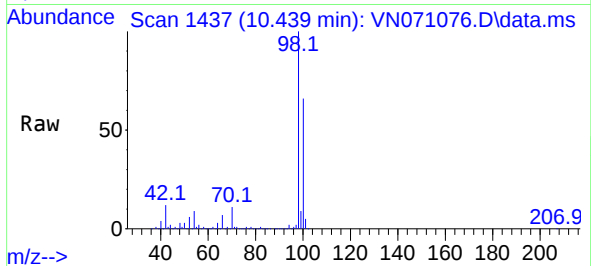




#50
Toluene-d8
Concen: 50.703 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

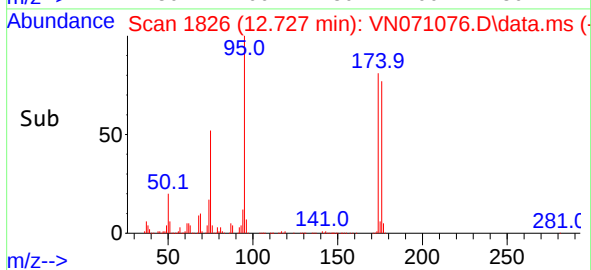
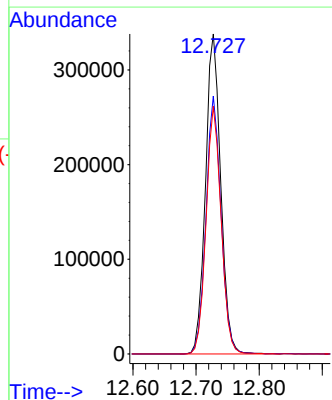
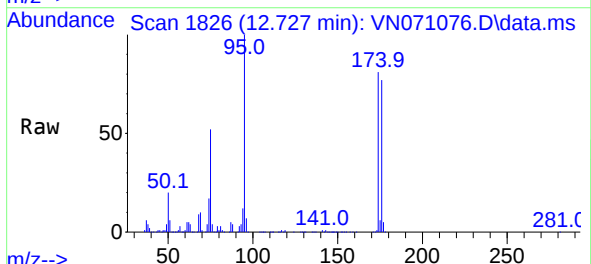
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ClientSampleId :
TP-4

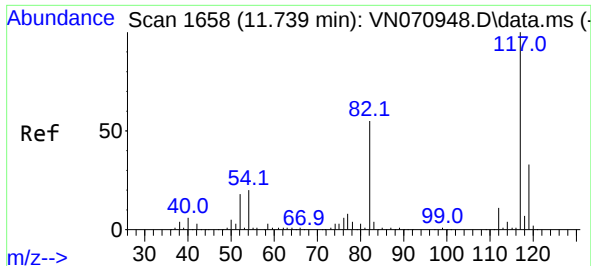
Tgt Ion: 98 Resp: 1664196
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

Tgt Ion: 95 Resp: 564812
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 76.5 0.0 181.4

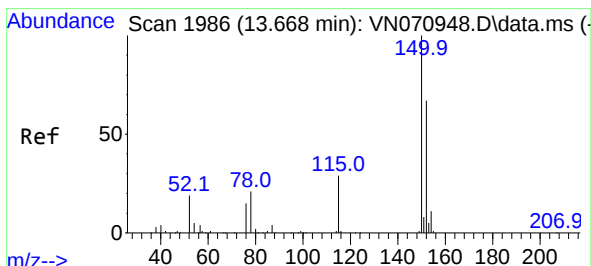
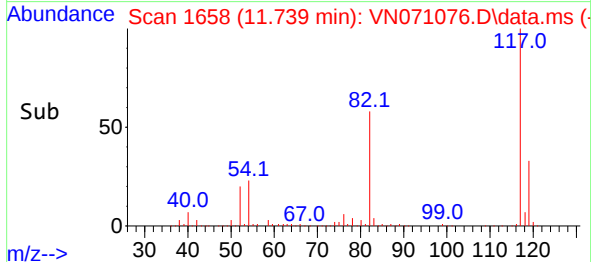
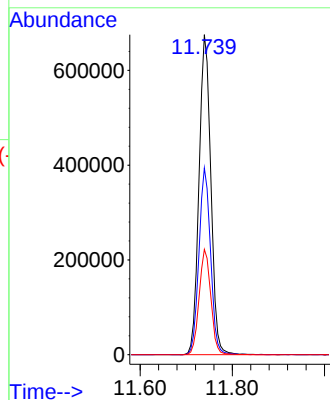
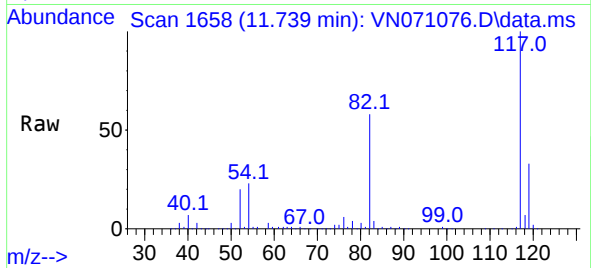




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

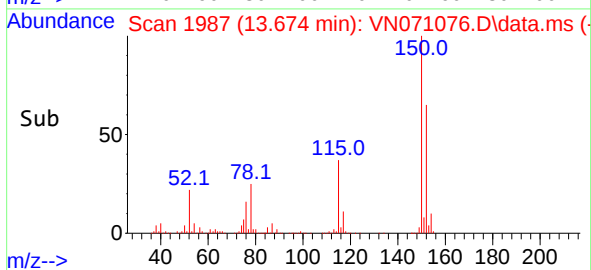
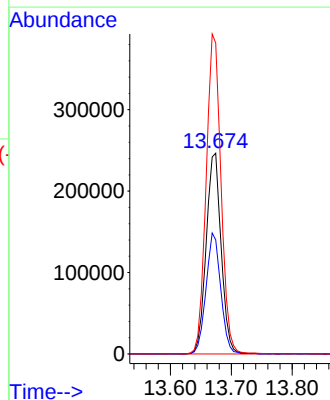
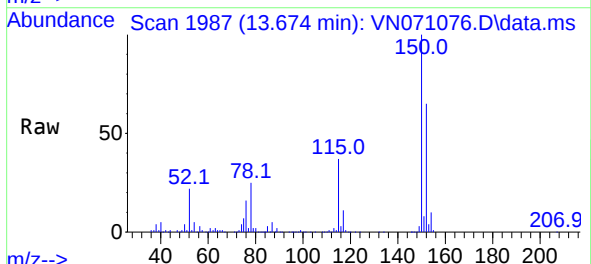
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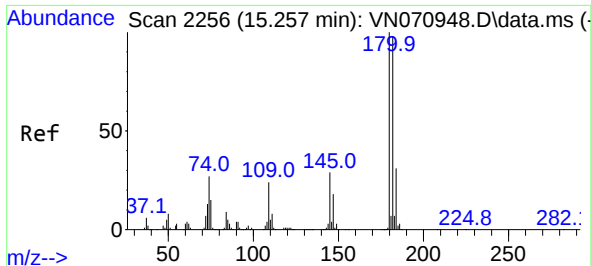
Tgt Ion:117 Resp: 1201686
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071076.D
Acq: 25 Feb 2022 17:46

Tgt Ion:152 Resp: 421695
Ion Ratio Lower Upper
152 100
115 59.3 27.5 82.5
150 158.0 0.0 344.4





#93

1,2,4-Trichlorobenzene

Concen: 2.168 ug/l

RT: 15.268 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN071076.D

Acq: 25 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4

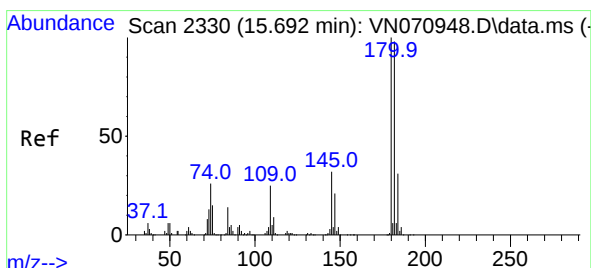
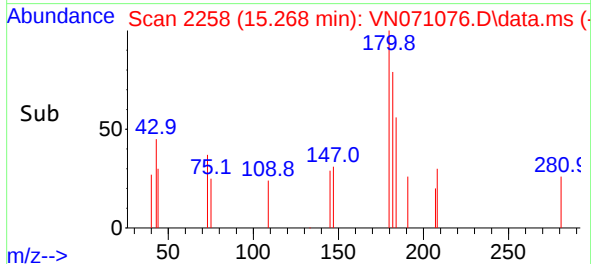
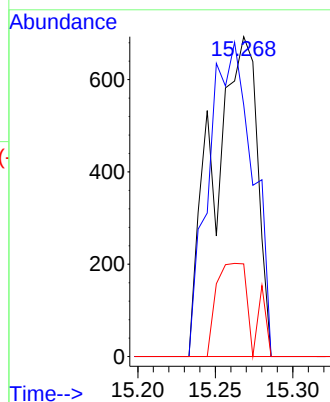
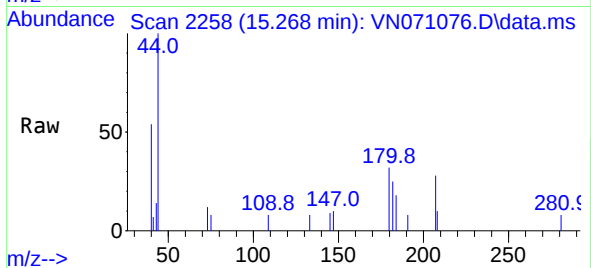
Tgt Ion:180 Resp: 1367

Ion Ratio Lower Upper

180 100

182 97.8 48.3 144.9

145 23.6 14.5 43.5



#96

1,2,3-Trichlorobenzene

Concen: 2.709 ug/l

RT: 15.709 min Scan# 2333

Delta R.T. 0.017 min

Lab File: VN071076.D

Acq: 25 Feb 2022 17:46

Tgt Ion:180 Resp: 1454

Ion Ratio Lower Upper

180 100

182 89.0 47.4 142.2

145 31.3 15.0 45.1

