

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071093.D
 Acq On : 28 Feb 2022 14:06
 Operator : JC\MD
 Sample : N1681-09ME
 Misc : 5.03g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-2FTME

Quant Time: Mar 01 04:21:27 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)

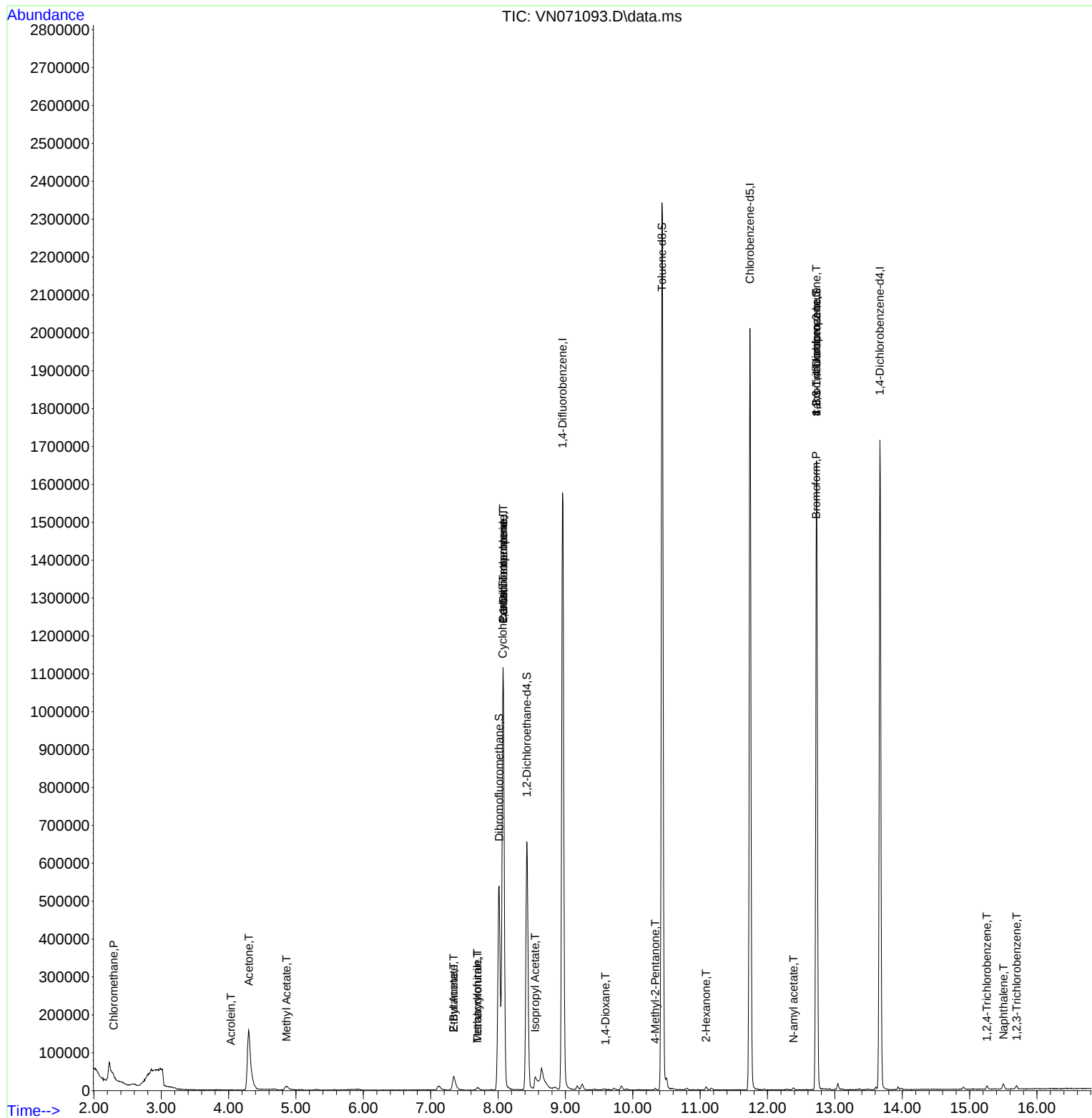
Internal Standards						
1) Pentafluorobenzene	8.075	168	893198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1427402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1157021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	484070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	541717	53.093	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.180%			
35) Dibromofluoromethane	8.016	113	404915	47.692	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.380%			
50) Toluene-d8	10.433	98	1669787	48.973	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.727	95	578211	47.444	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.880%			
Target Compounds					Qvalue	
3) Chloromethane	2.293	50	2804	0.240	ug/l	96
13) Acrolein	4.034	56	505	0.304	ug/l #	80
16) Acetone	4.298	43	353971	62.994	ug/l	100
18) Methyl Acetate	4.857	43	27353	1.640	ug/l	93
25) 2-Butanone	7.339	43	79393	10.621	ug/l	93
29) Tetrahydrofuran	7.692	42	6128	1.265	ug/l #	80
31) Cyclohexane	8.069	56	17848	1.011	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	68130	4.898	ug/l #	49
37) Ethyl Acetate	7.339	43	79393	5.322	ug/l #	68
38) Carbon Tetrachloride	8.075	117	86351	6.301	ug/l #	16
41) Methacrylonitrile	7.692	41	1843	0.235	ug/l #	40
43) Isopropyl Acetate	8.551	43	33233	1.413	ug/l #	57
49) 1,4-Dioxane	9.592	88	57	0.288	ug/l #	13
51) 4-Methyl-2-Pentanone	10.333	43	3510	0.245	ug/l	94
59) 2-Hexanone	11.086	43	6692	0.680	ug/l	85
71) Bromoform	12.721	173	2918	0.403	ug/l #	29
74) N-amyl acetate	12.386	43	3495	0.281	ug/l #	92
76) 1,2,3-Trichloropropane	12.727	75	291618	25.586	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	291618	82.911	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	3212	2.345	ug/l	94
95) Naphthalene	15.504	128	14098	5.576	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	3449	2.915	ug/l	94

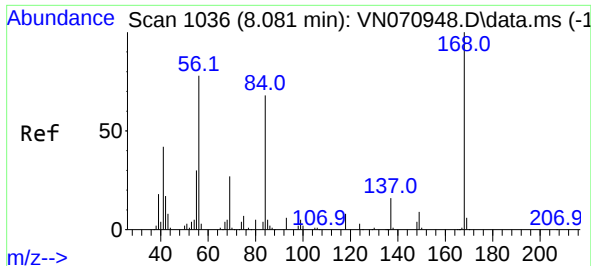
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

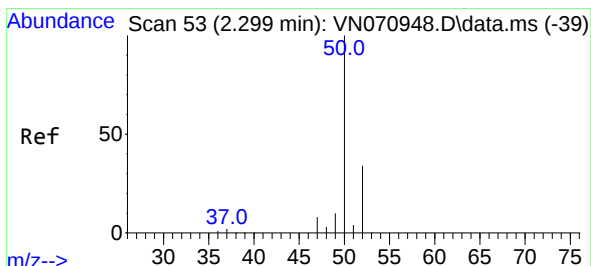
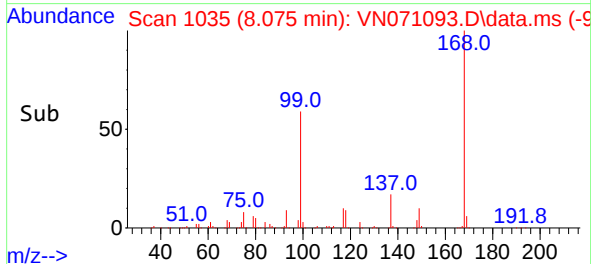
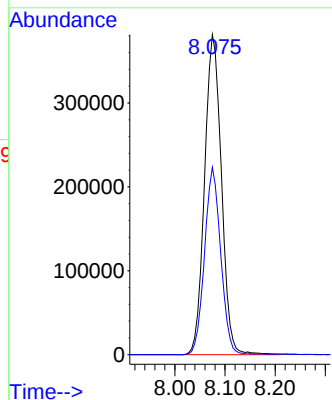
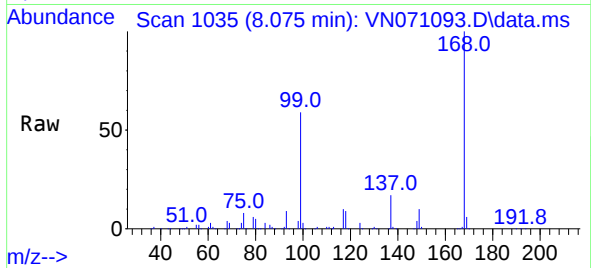




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

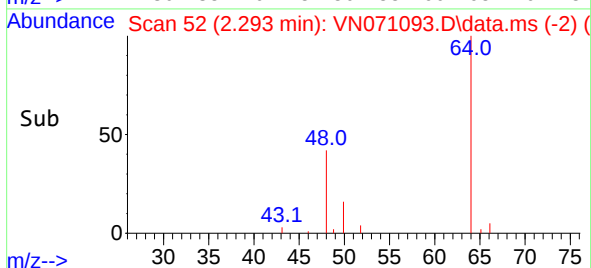
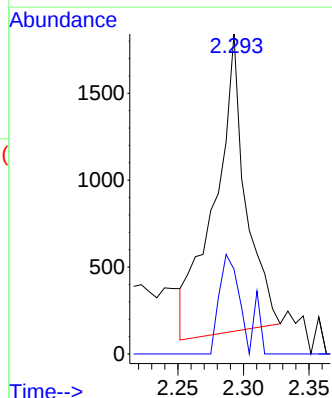
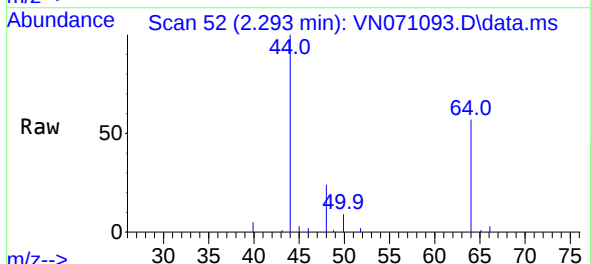
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

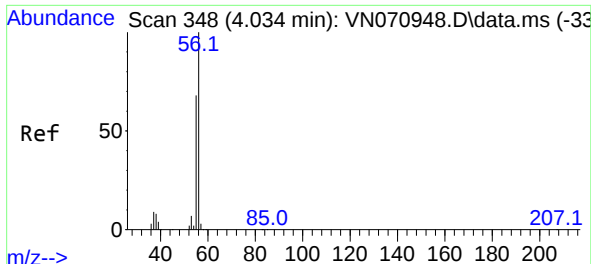
Tgt Ion:168 Resp: 893198
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 50 Resp: 2804
Ion Ratio Lower Upper
50 100
52 29.3 25.4 38.0

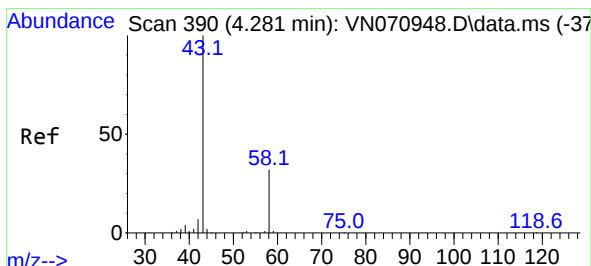
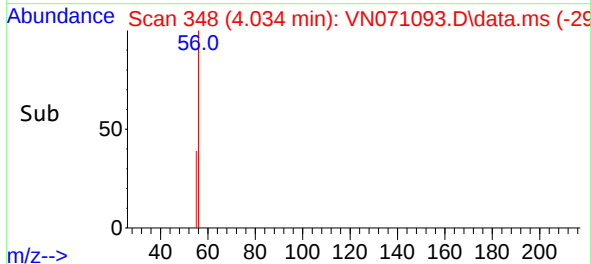
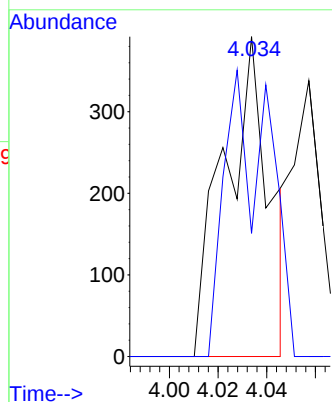
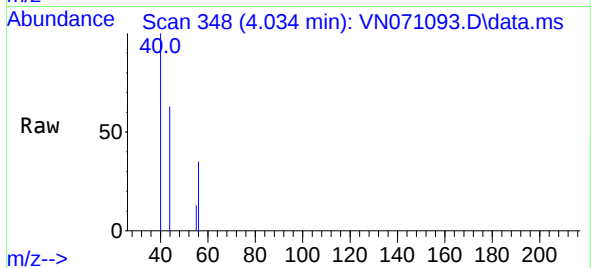




#13
Acrolein
Concen: 0.304 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

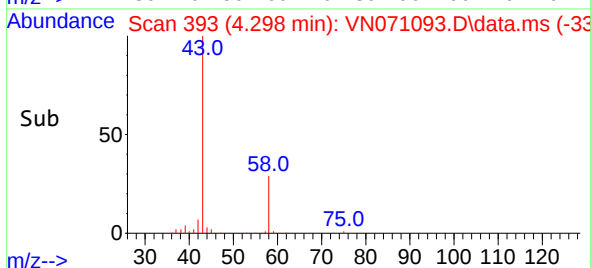
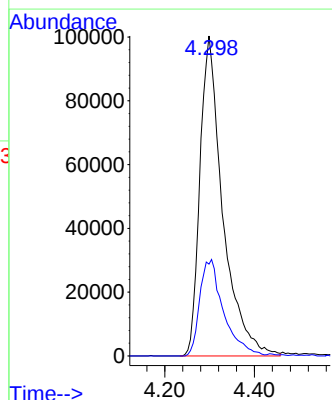
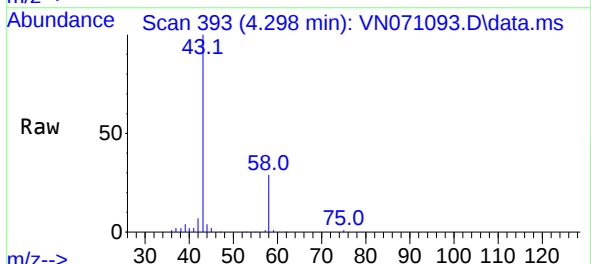
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

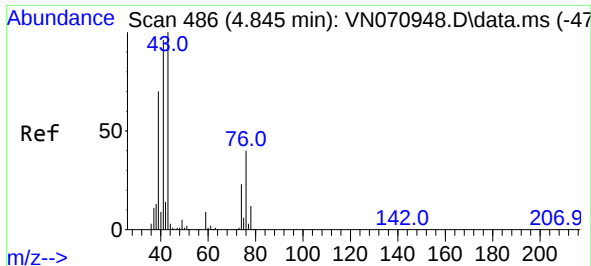
Tgt Ion: 56 Resp: 505
Ion Ratio Lower Upper
56 100
55 87.3 56.6 85.0#



#16
Acetone
Concen: 62.994 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 43 Resp: 353971
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7

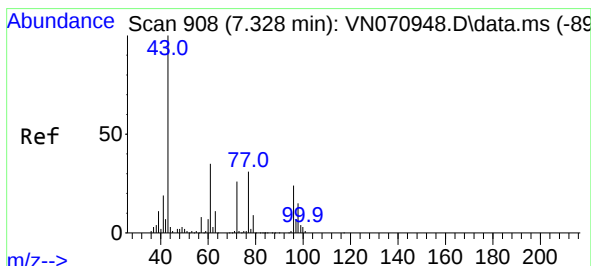
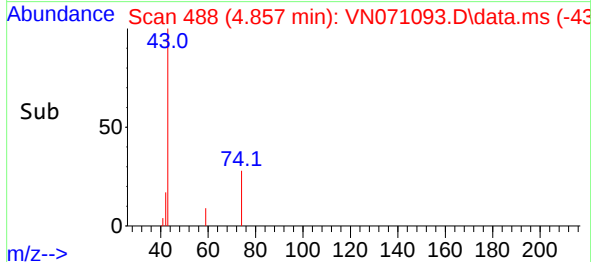
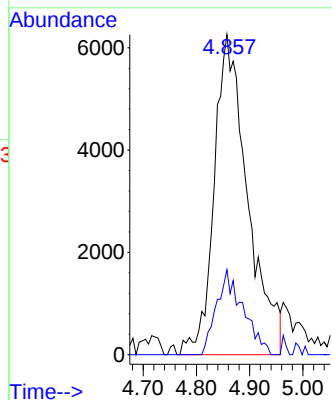
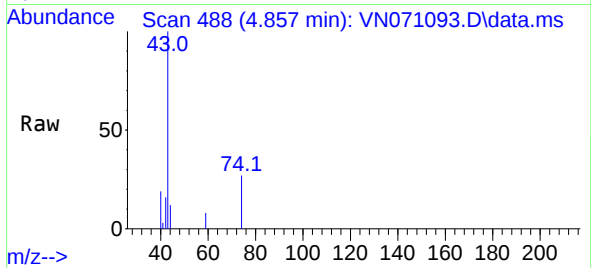




#18
Methyl Acetate
Concen: 1.640 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

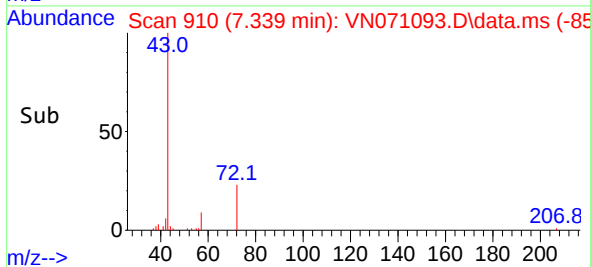
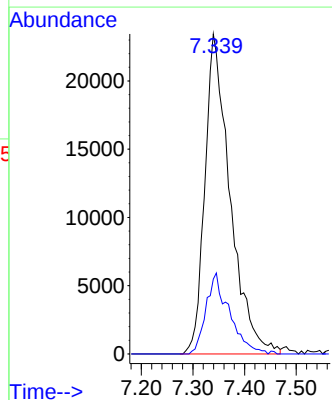
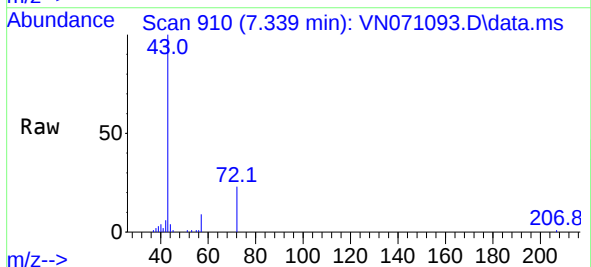
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

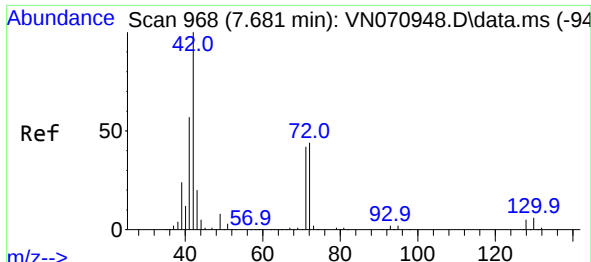
Tgt Ion: 43 Resp: 27353
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#25
2-Butanone
Concen: 10.621 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 43 Resp: 79393
Ion Ratio Lower Upper
43 100
72 23.4 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.265 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071093.D

Acq: 28 Feb 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

TP-3-2FTME

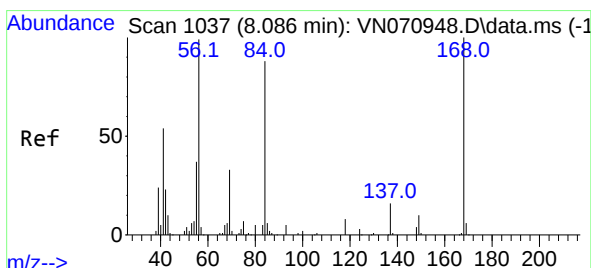
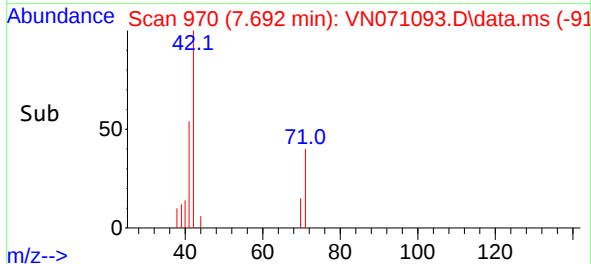
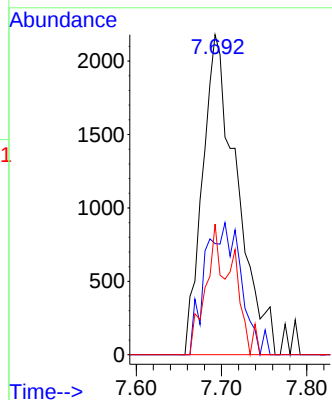
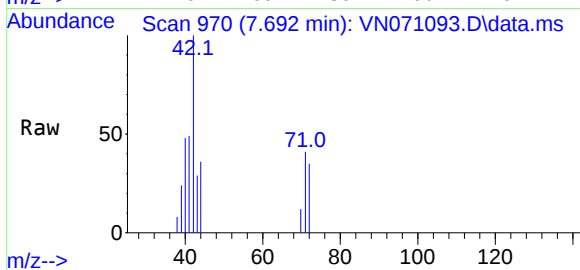
Tgt Ion: 42 Resp: 6128

Ion Ratio Lower Upper

42 100

72 43.2 36.3 54.5

71 19.9 34.7 52.1#



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 8.069 min Scan# 1034

Delta R.T. -0.018 min

Lab File: VN071093.D

Acq: 28 Feb 2022 14:06

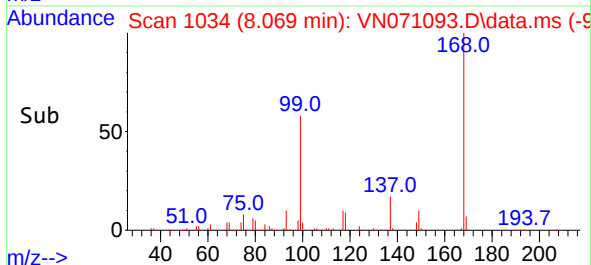
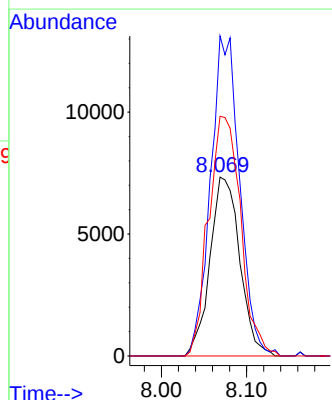
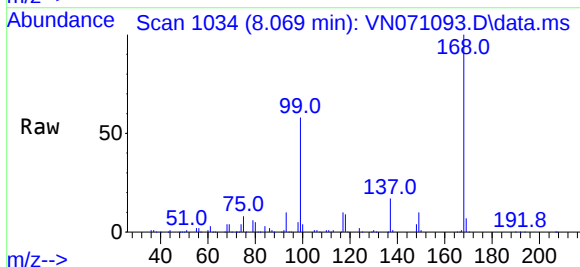
Tgt Ion: 56 Resp: 17848

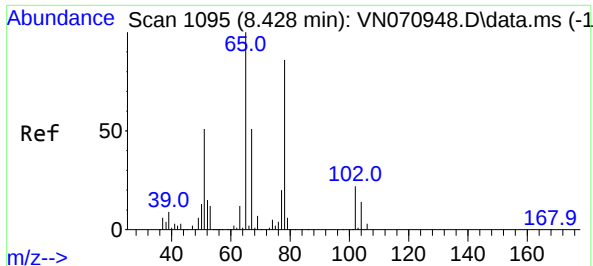
Ion Ratio Lower Upper

56 100

69 178.9 27.1 40.7#

84 134.0 73.4 110.0#

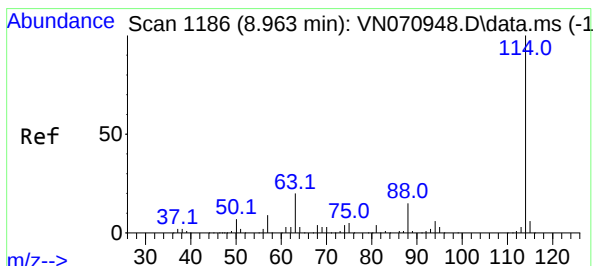
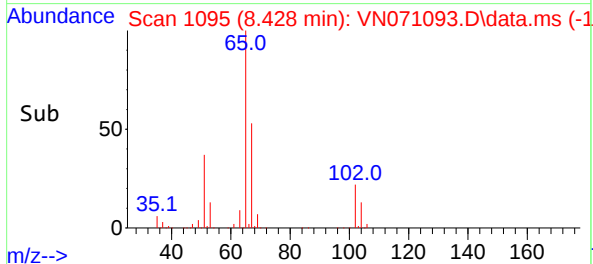
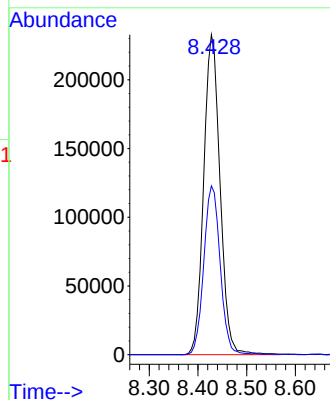
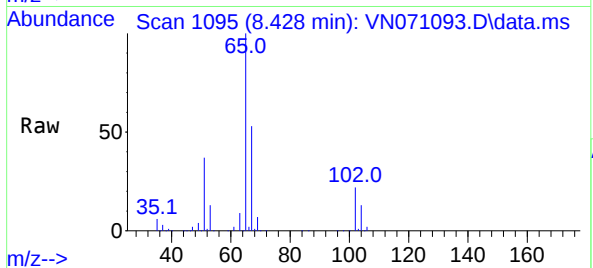




#33
1,2-Dichloroethane-d4
Concen: 53.093 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

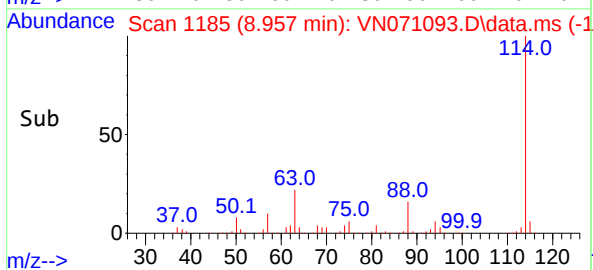
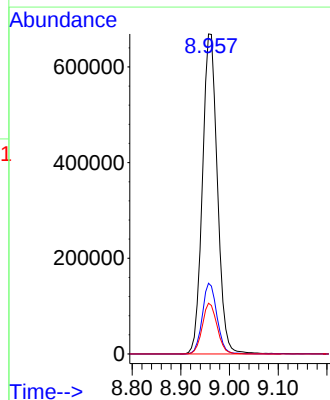
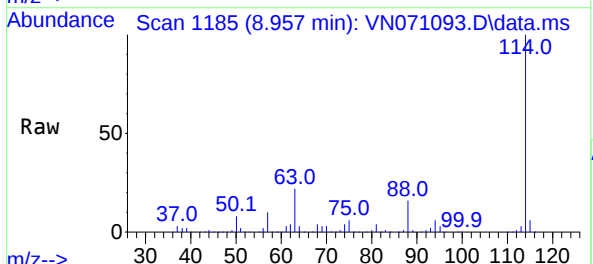
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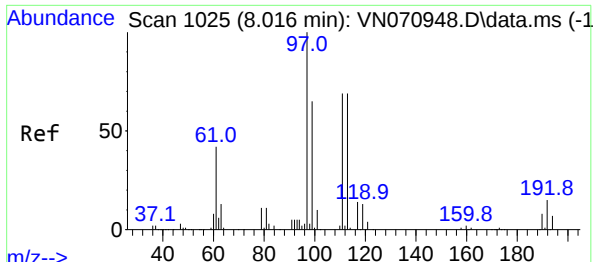
Tgt Ion: 65 Resp: 541717
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.957 min Scan# 1185
Delta R.T. -0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 114 Resp: 1427402
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.9 0.0 27.4

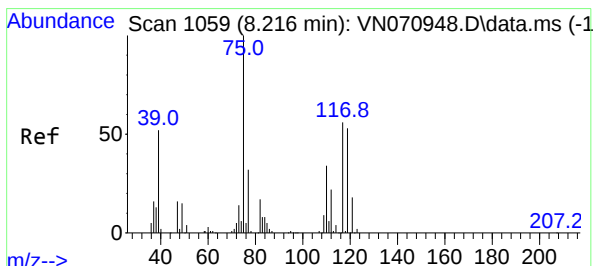
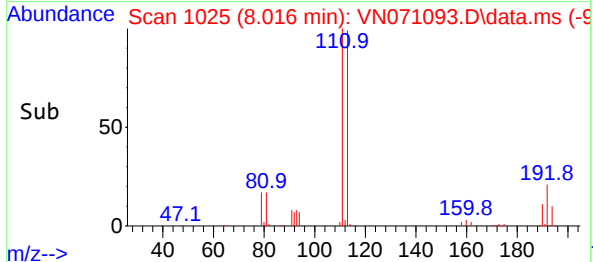
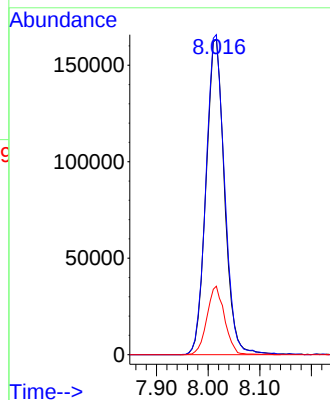
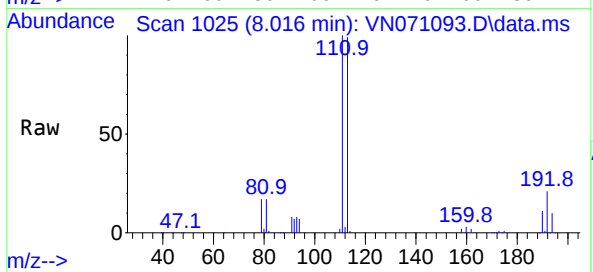




#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

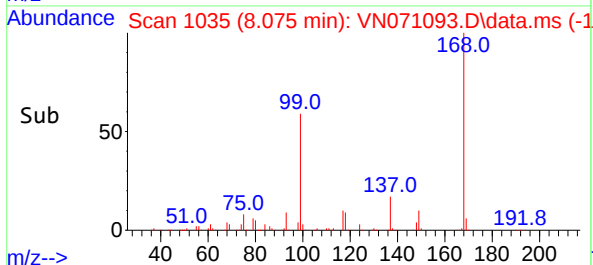
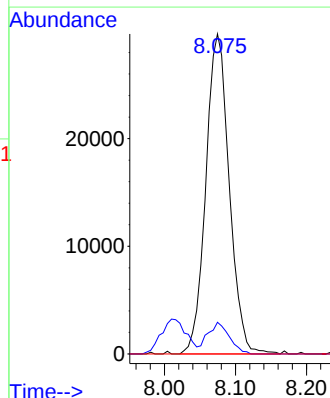
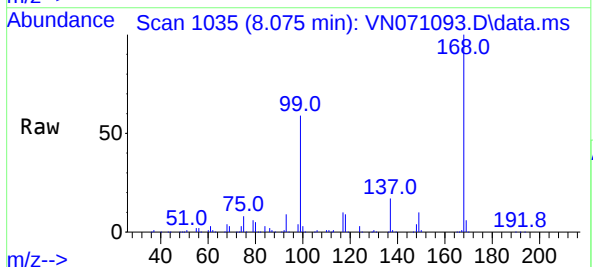
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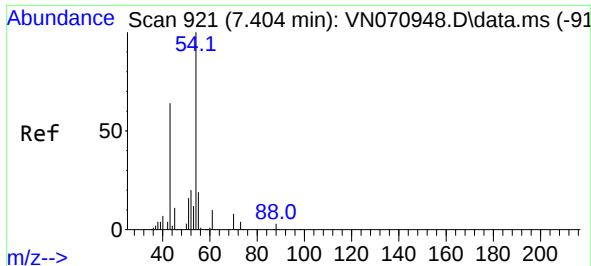
Tgt Ion:113 Resp: 404915
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.898 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.141 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 75 Resp: 68130
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#

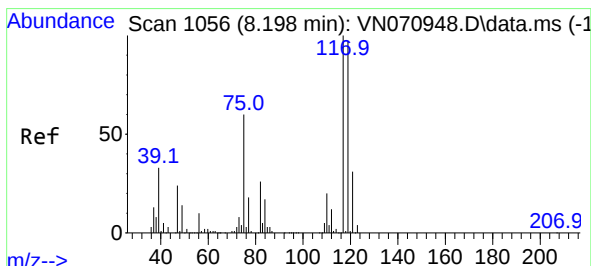
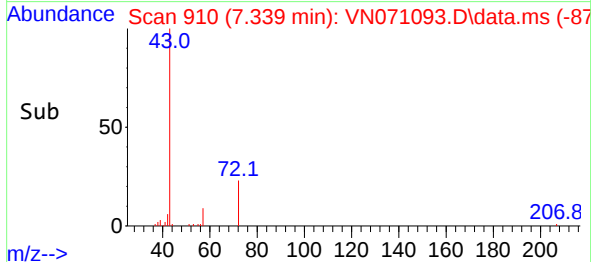
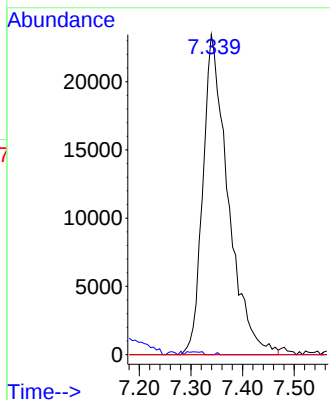
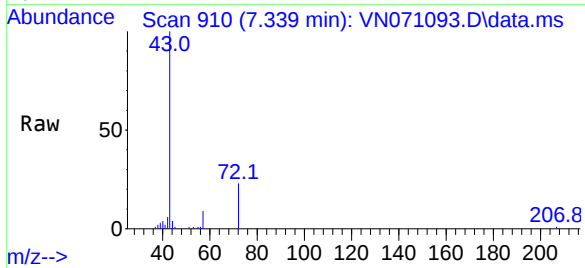




#37
Ethyl Acetate
Concen: 5.322 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

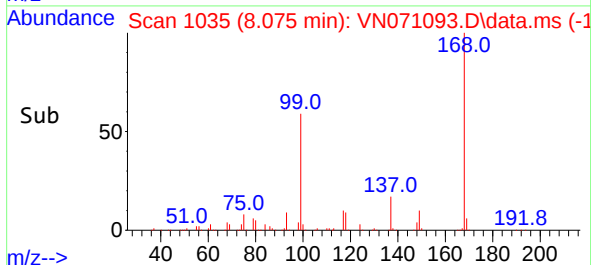
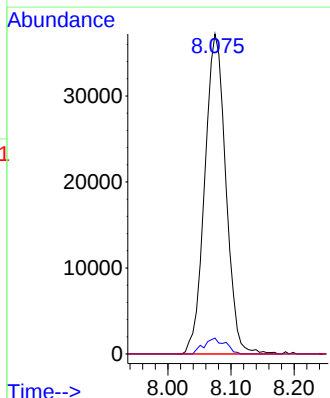
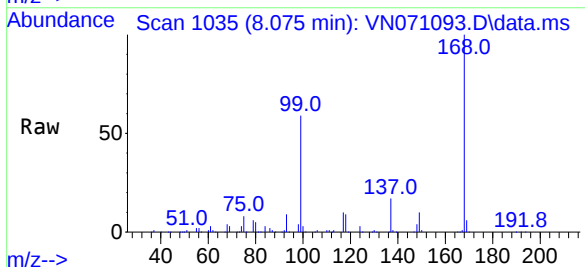
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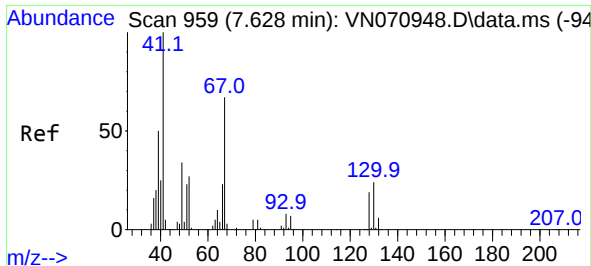
Tgt Ion: 43 Resp: 79393
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.301 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.124 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

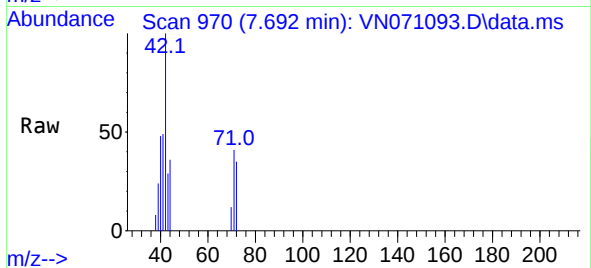
Tgt Ion: 117 Resp: 86351
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



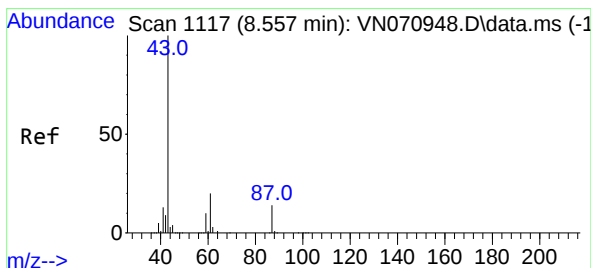
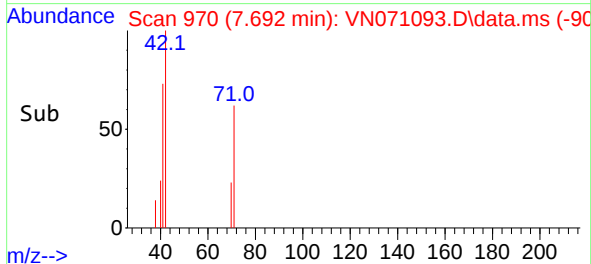
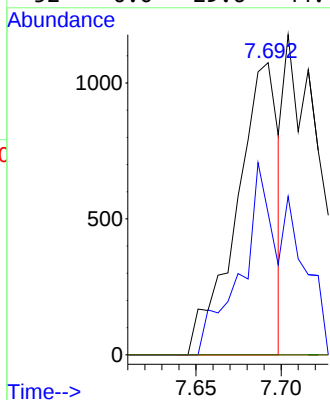


#41
Methacrylonitrile
Concen: 0.235 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.065 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

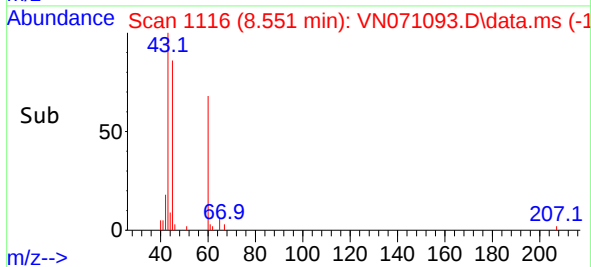
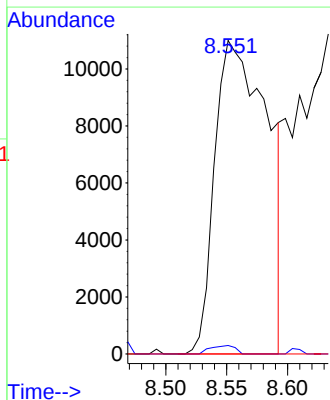
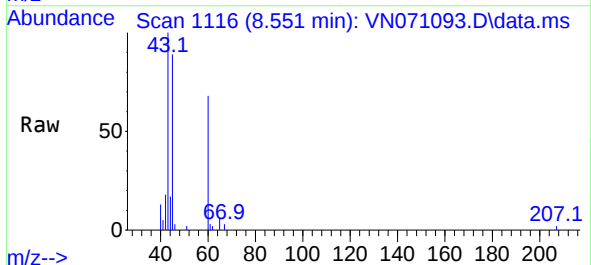


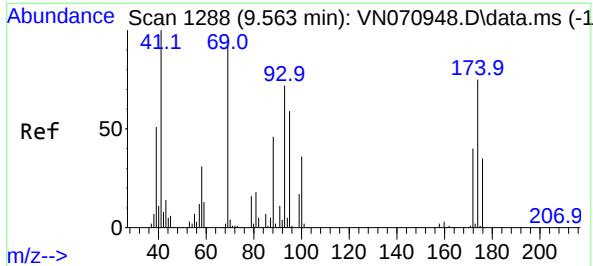
Tgt Ion: 41 Resp: 1843
Ion Ratio Lower Upper
41 100
39 50.8 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#43
Isopropyl Acetate
Concen: 1.413 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 43 Resp: 33233
Ion Ratio Lower Upper
43 100
61 1.3 20.4 30.6#
87 0.0 11.2 16.8#

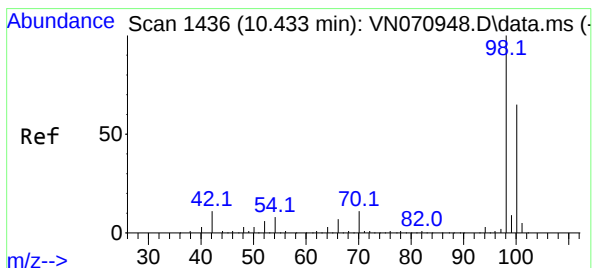
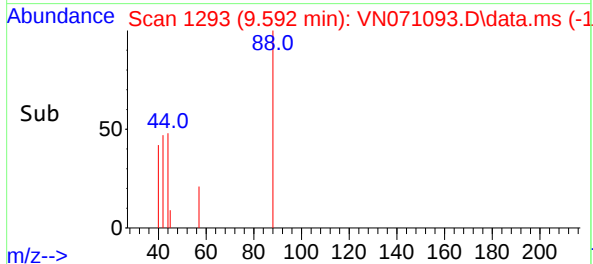
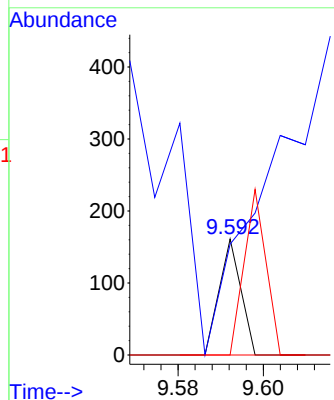
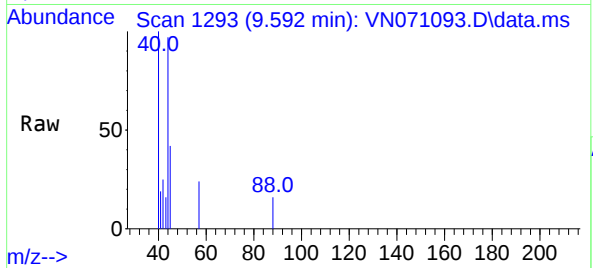




#49
1,4-Dioxane
Concen: 0.288 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

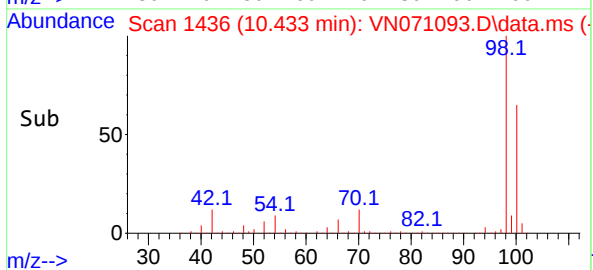
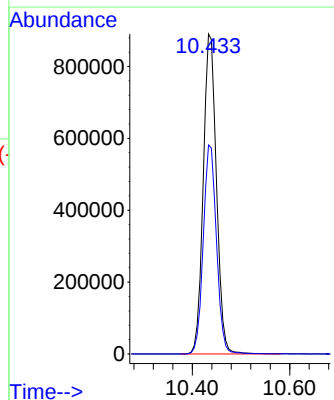
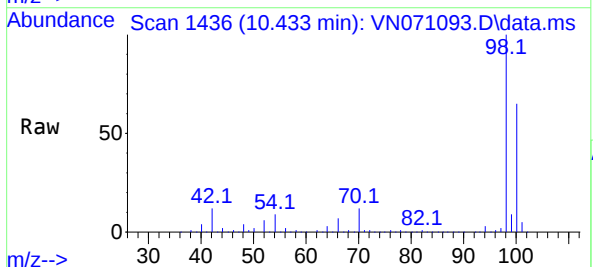
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

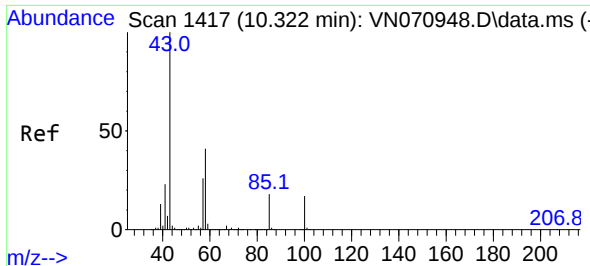
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 142.1 50.6 75.8#



#50
Toluene-d8
Concen: 48.973 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 98 Resp: 1669787
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

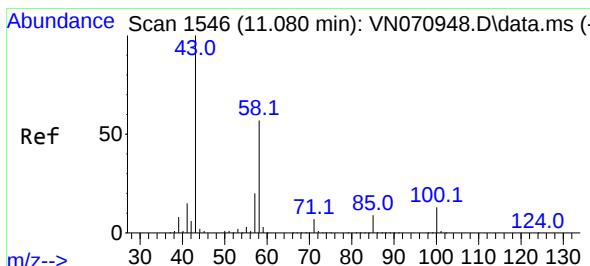
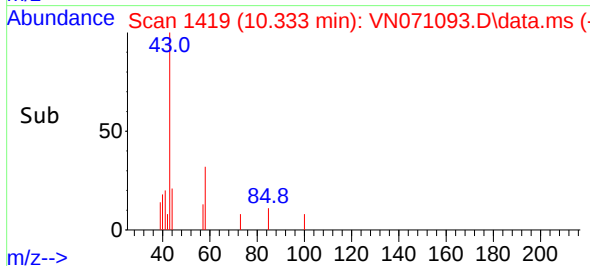
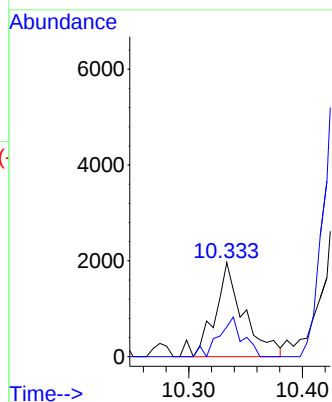
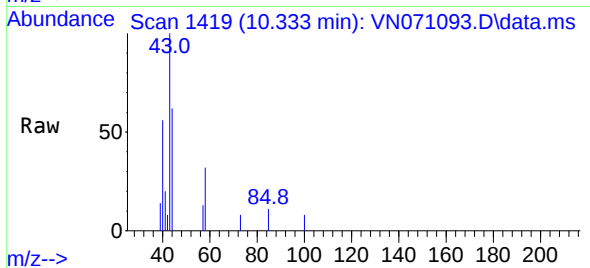




#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.333 min Scan# 1417
Delta R.T. 0.012 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

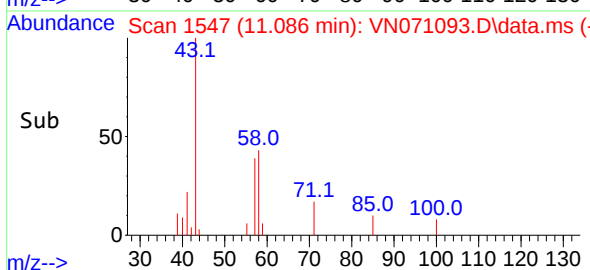
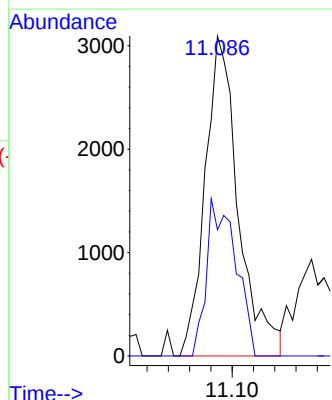
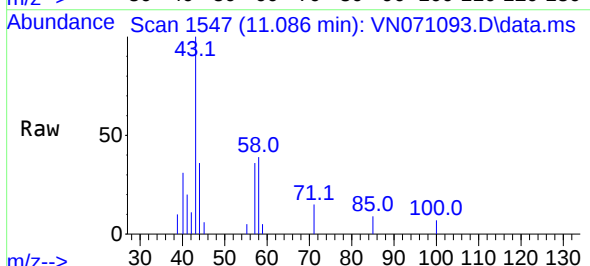
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

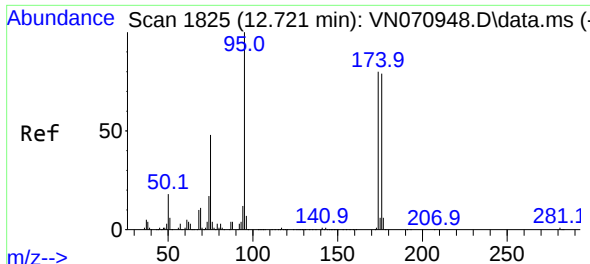
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6



#59
2-Hexanone
Concen: 0.680 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 43 Resp: 6692
Ion Ratio Lower Upper
43 100
58 43.1 26.9 80.7

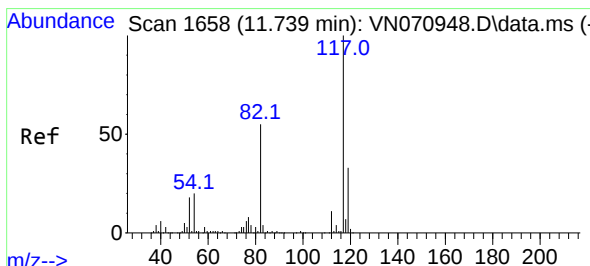
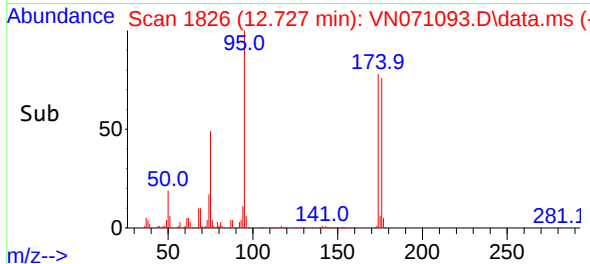
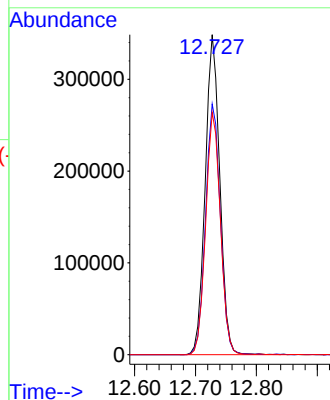
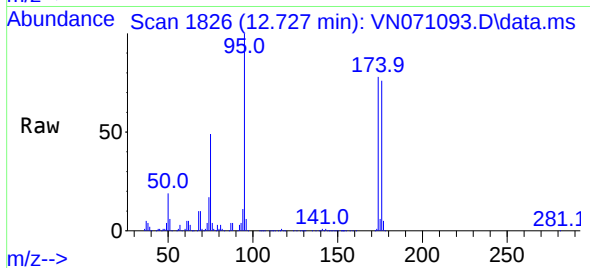




#62
4-Bromofluorobenzene
Concen: 47.444 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

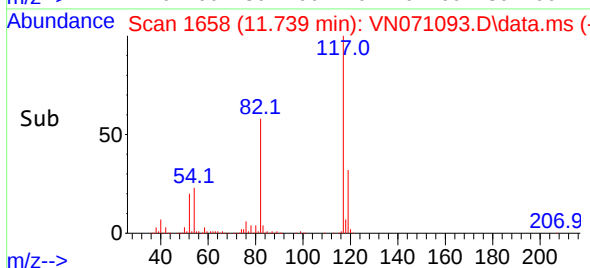
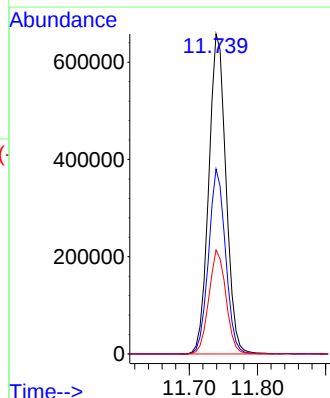
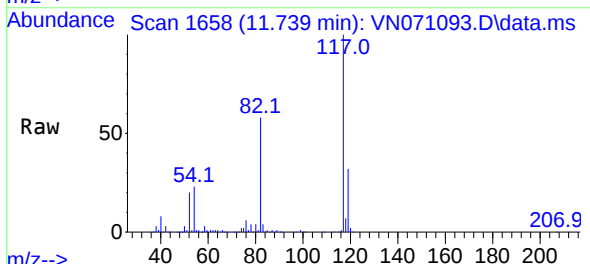
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

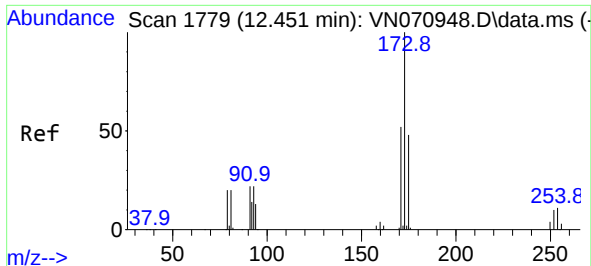
Tgt Ion: 95 Resp: 578211
Ion Ratio Lower Upper
95 100
174 79.7 0.0 187.2
176 76.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 117 Resp: 1157021
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.5 25.4 38.2

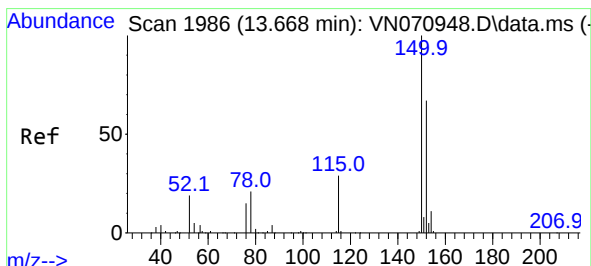
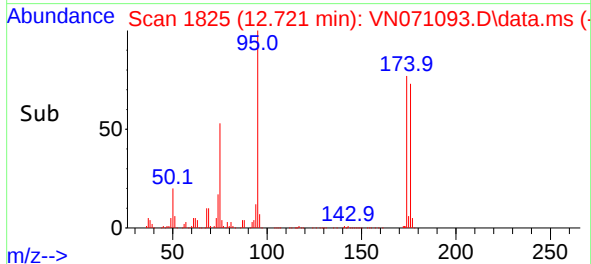
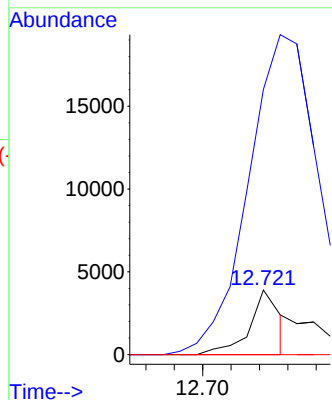
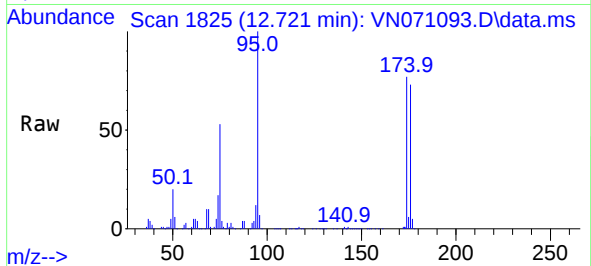




#71
Bromoform
Concen: 0.403 ug/l
RT: 12.721 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

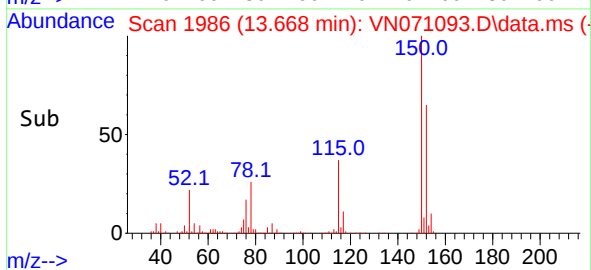
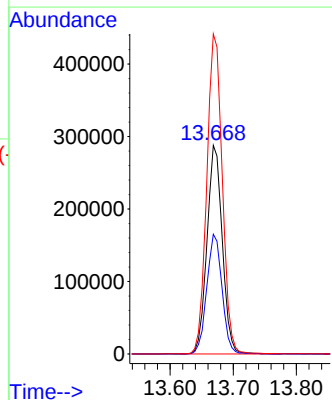
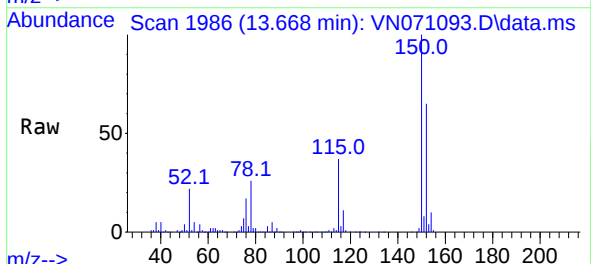
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

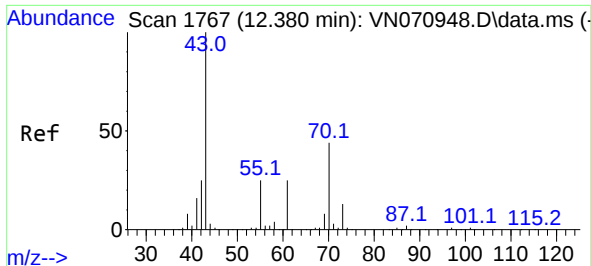
Tgt Ion:173 Resp: 2918
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion:152 Resp: 484070
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 155.0 0.0 344.4

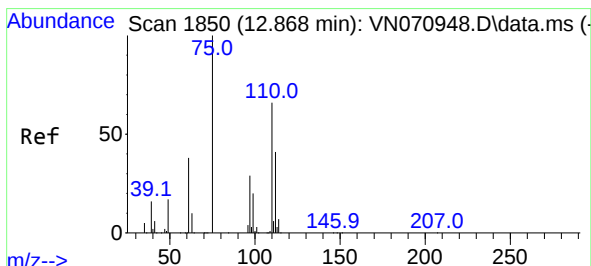
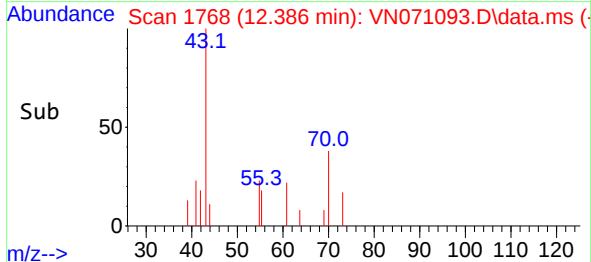
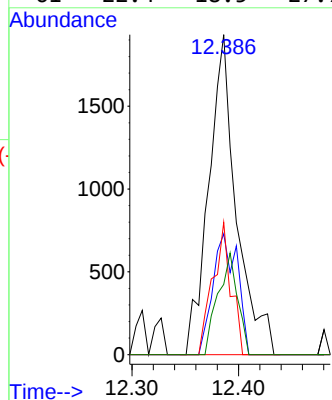
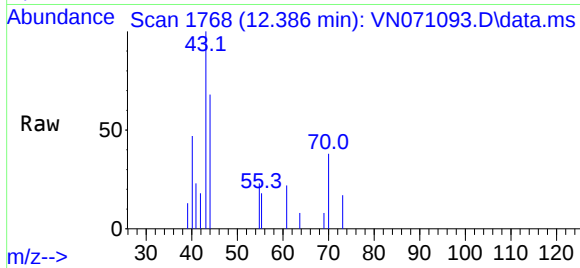




#74
N-amy1 acetate
Concen: 0.281 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

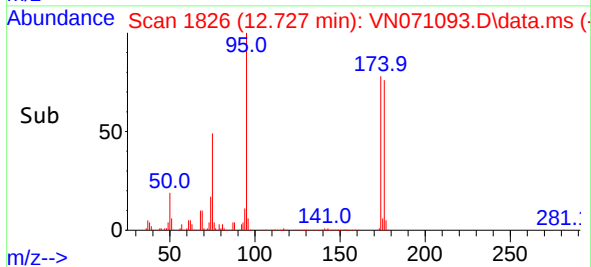
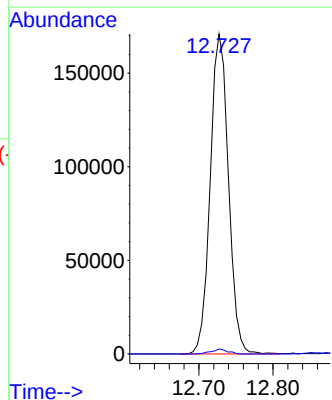
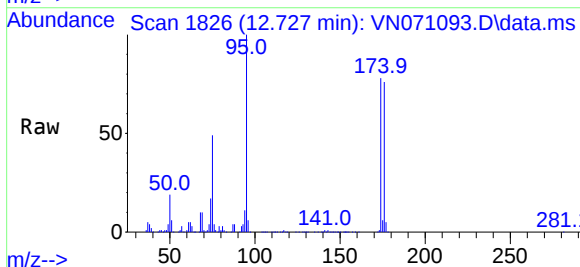
Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

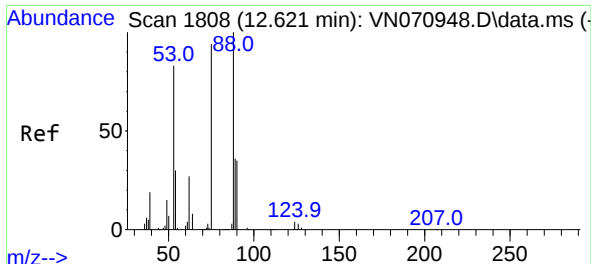
Tgt Ion: 43	Resp: 3495
Ion Ratio	Lower Upper
43 100	
70 33.3	33.4 50.0#
55 27.2	19.3 28.9
61 22.4	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 25.586 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion: 75	Resp: 291618
Ion Ratio	Lower Upper
75 100	
77 1.4	82.6 247.8#

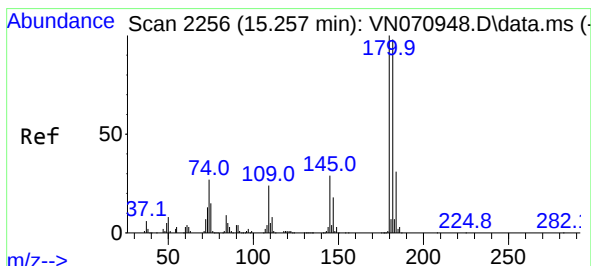
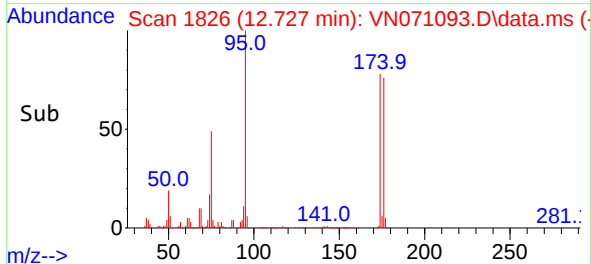
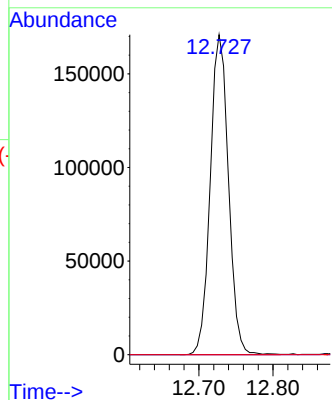
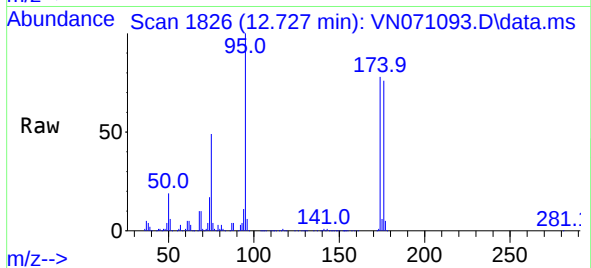




#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.911 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.106 min
 Lab File: VN071093.D
 Acq: 28 Feb 2022 14:06

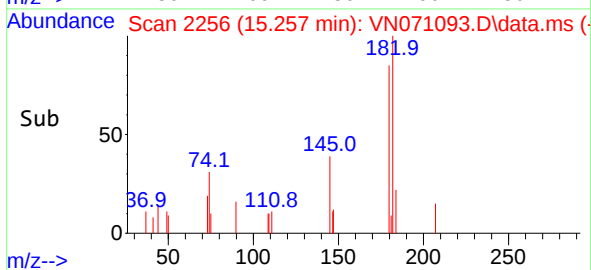
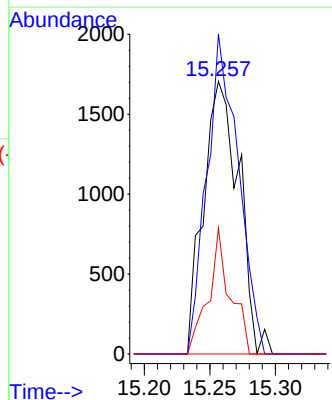
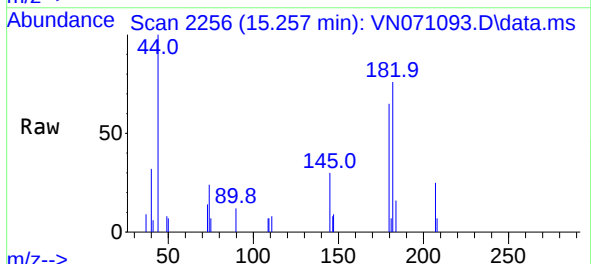
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 ClientSampleId :
 TP-3-2FTME

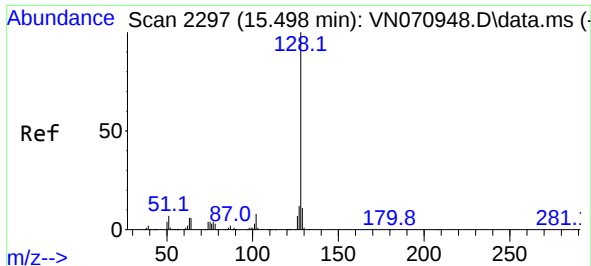
Tgt Ion: 75 Resp: 291618
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.345 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VN071093.D
 Acq: 28 Feb 2022 14:06

Tgt Ion:180 Resp: 3212
 Ion Ratio Lower Upper
 180 100
 182 104.1 48.3 144.9
 145 28.4 14.5 43.5

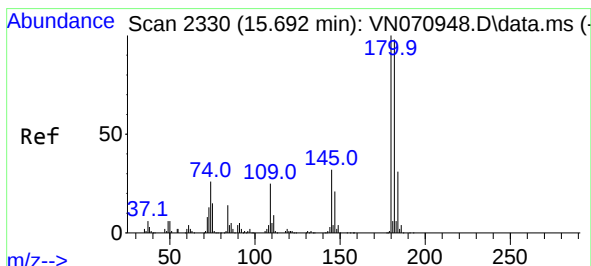
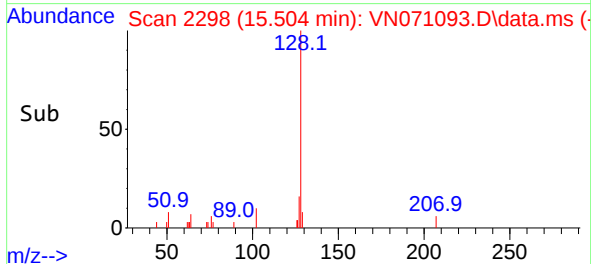
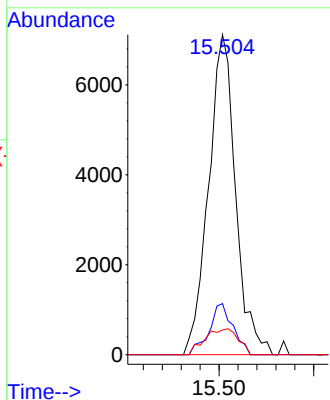
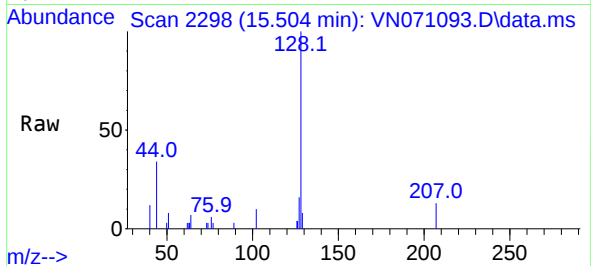




#95
Naphthalene
Concen: 5.576 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
TP-3-2FTME

Tgt Ion:128 Resp: 14098
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.915 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071093.D
Acq: 28 Feb 2022 14:06

Tgt Ion:180 Resp: 3449
Ion Ratio Lower Upper
180 100
182 101.5 47.4 142.2
145 31.5 15.0 45.1

