

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071094.D
 Acq On : 28 Feb 2022 14:30
 Operator : JC\MD
 Sample : N1681-06ME
 Misc : 5.02g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-2FTME

Quant Time: Mar 01 04:21:41 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	880107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1392398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1115702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	466597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	520602	51.783	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.560%	
35) Dibromofluoromethane	8.010	113	391768	47.304	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.600%	
50) Toluene-d8	10.433	98	1618157	48.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.727	95	572262	48.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.280%	

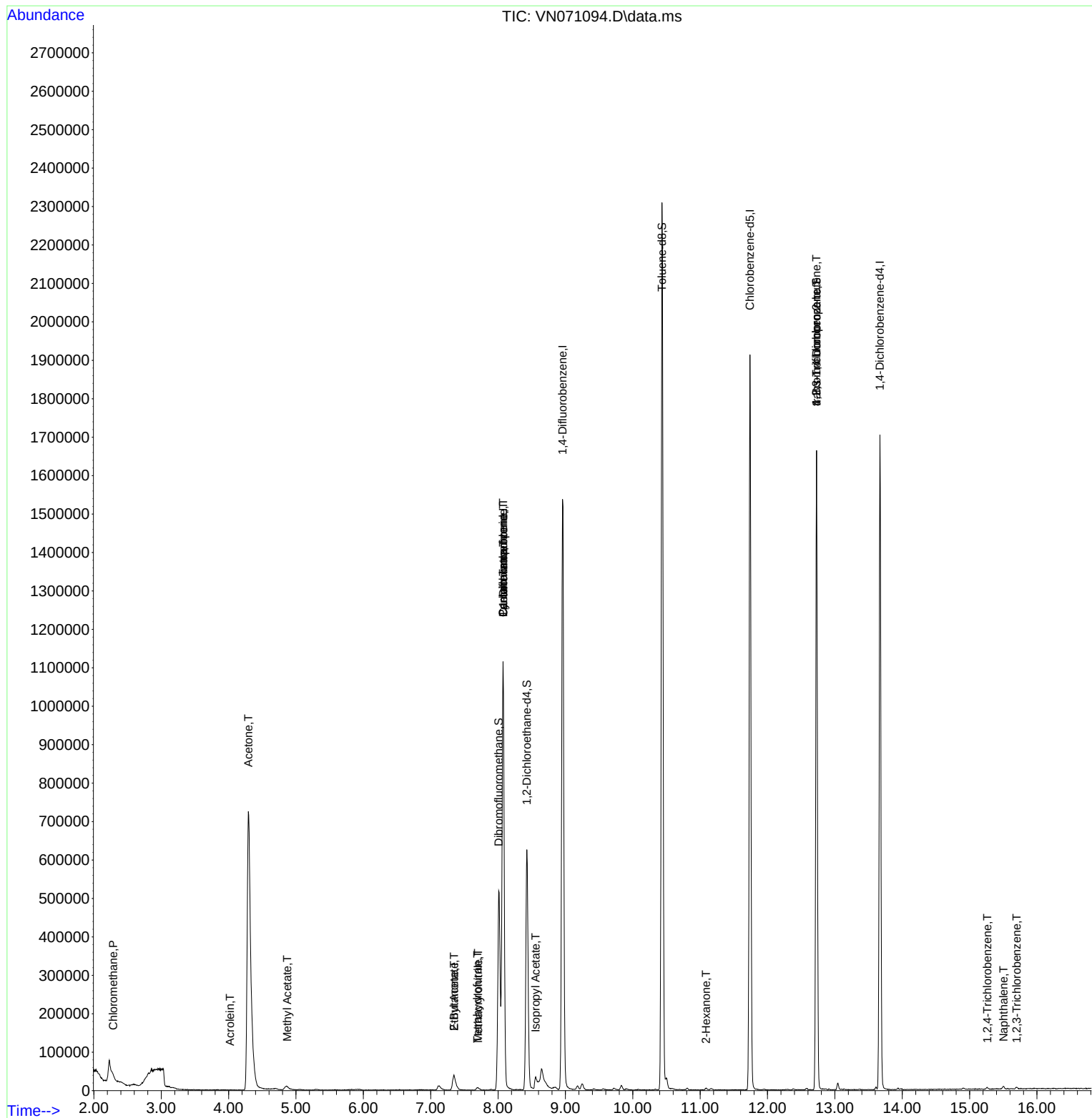
Target Compounds				Qvalue		
3) Chloromethane	2.287	50	3139	0.273	ug/l #	85
13) Acrolein	4.022	56	543	0.332	ug/l #	14
16) Acetone	4.293	43	1754534	316.889	ug/l	96
18) Methyl Acetate	4.869	43	28240	1.748	ug/l #	89
25) 2-Butanone	7.345	43	87780	11.918	ug/l	97
29) Tetrahydrofuran	7.692	42	6066	1.271	ug/l #	82
31) Cyclohexane	8.075	56	18048	1.038	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	67022	4.939	ug/l #	49
37) Ethyl Acetate	7.345	43	87780	6.032	ug/l #	68
38) Carbon Tetrachloride	8.075	117	85870	6.423	ug/l #	16
41) Methacrylonitrile	7.704	41	3530	0.461	ug/l #	39
43) Isopropyl Acetate	8.557	43	29726	1.296	ug/l #	55
59) 2-Hexanone	11.086	43	3947	0.411	ug/l	81
76) 1,2,3-Trichloropropane	12.727	75	285162	25.957	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	285162	84.112	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	1969	2.219	ug/l	86
95) Naphthalene	15.504	128	6832	5.284	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.698	180	2029	2.759	ug/l #	81

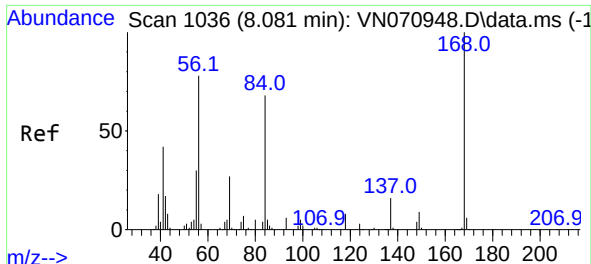
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

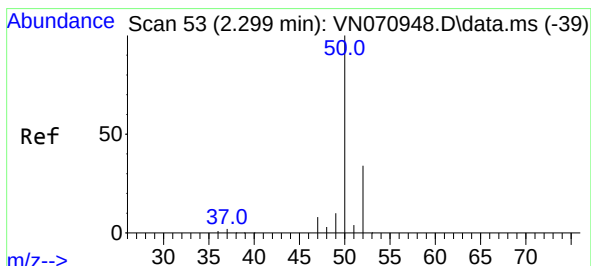
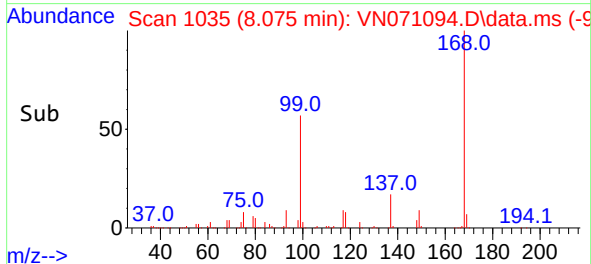
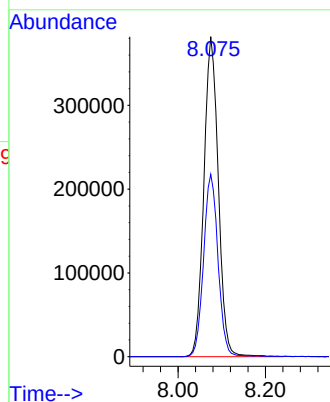
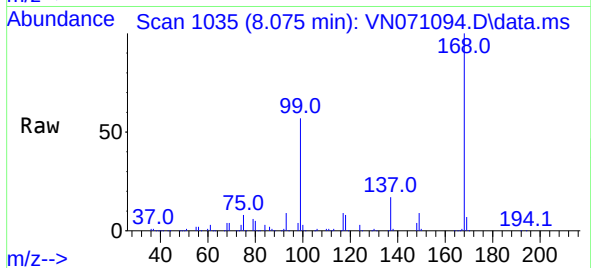




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

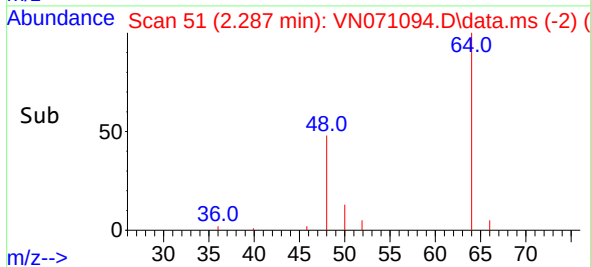
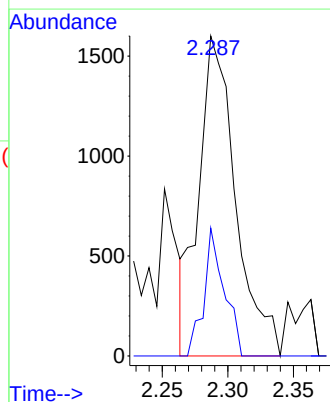
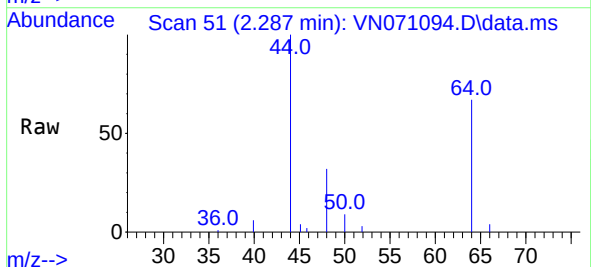
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

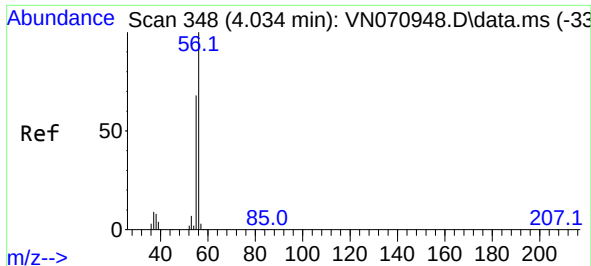
Tgt Ion:168 Resp: 880107
Ion Ratio Lower Upper
168 100
99 57.0 41.3 61.9



#3
Chloromethane
Concen: 0.273 ug/l
RT: 2.287 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 50 Resp: 3139
Ion Ratio Lower Upper
50 100
52 40.0 25.4 38.0#

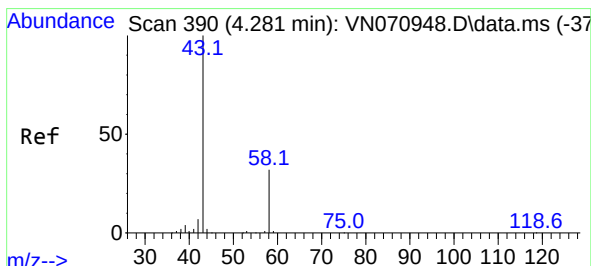
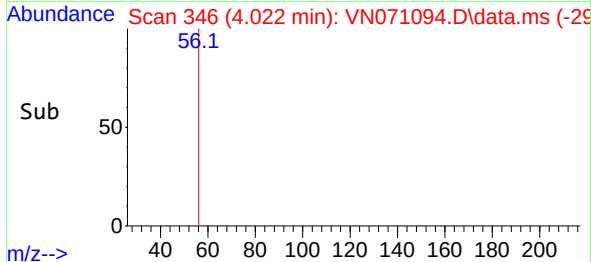
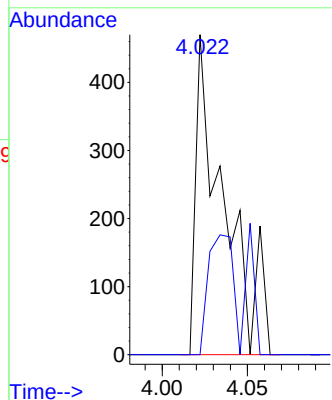
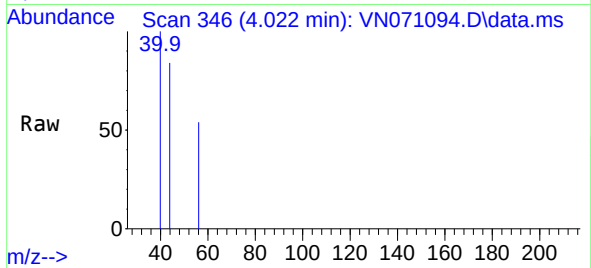




#13
Acrolein
Concen: 0.332 ug/l
RT: 4.022 min Scan# 34
Delta R.T. -0.012 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

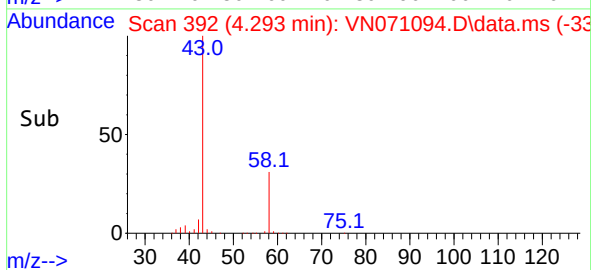
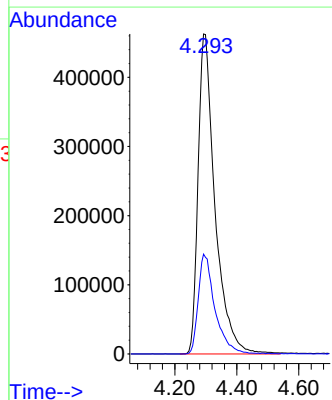
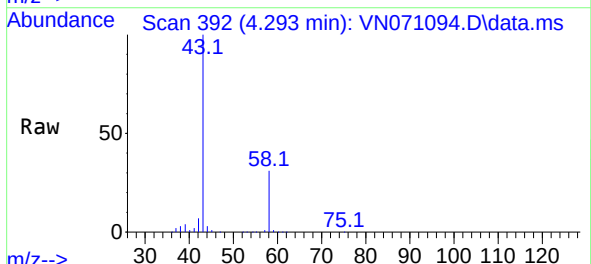
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

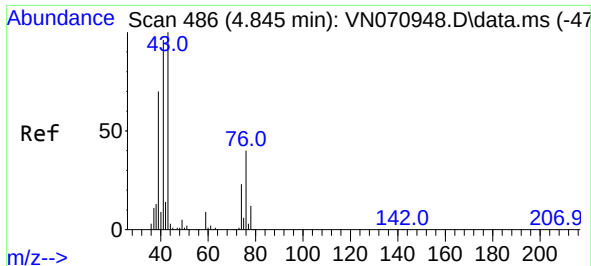
Tgt Ion: 56 Resp: 543
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 316.889 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 43 Resp: 1754534
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7

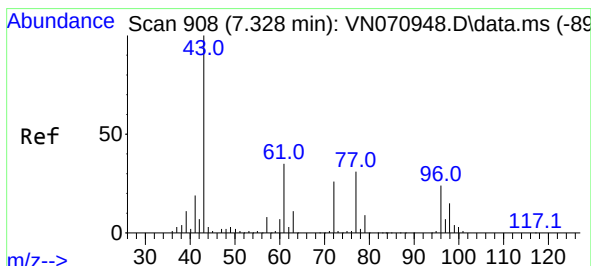
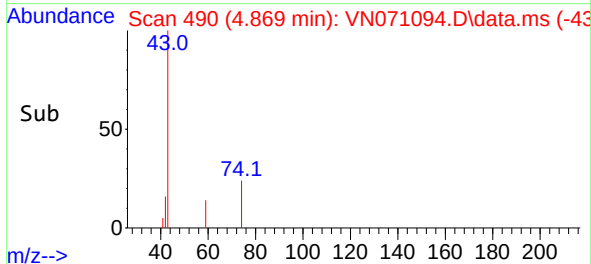
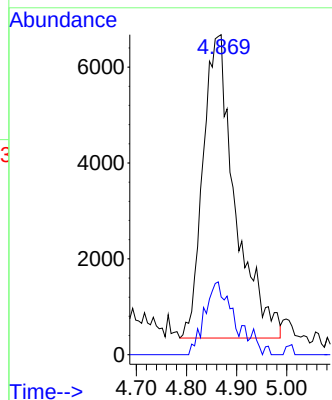
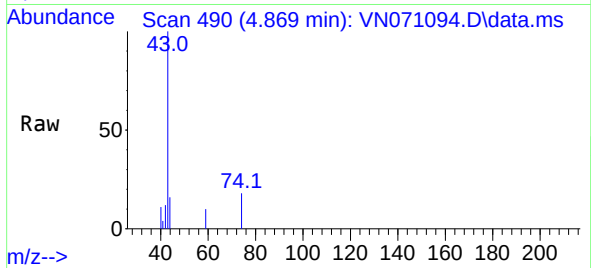




#18
Methyl Acetate
Concen: 1.748 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.024 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

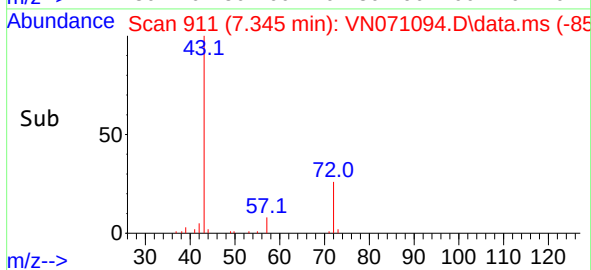
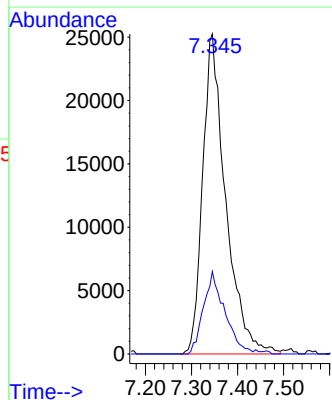
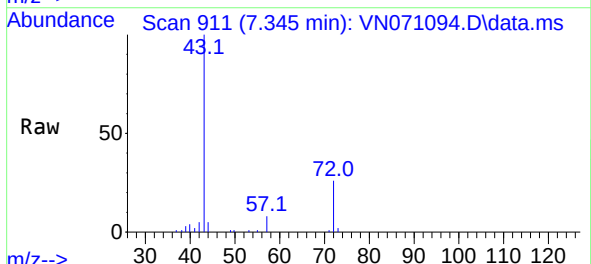
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

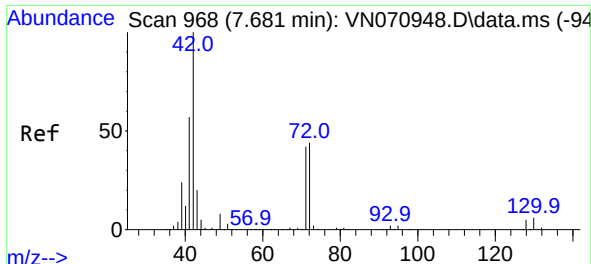
Tgt Ion: 43 Resp: 28240
Ion Ratio Lower Upper
43 100
74 18.8 19.4 29.2#



#25
2-Butanone
Concen: 11.918 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 43 Resp: 87780
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.271 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071094.D

Acq: 28 Feb 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

TP-2-2FTME

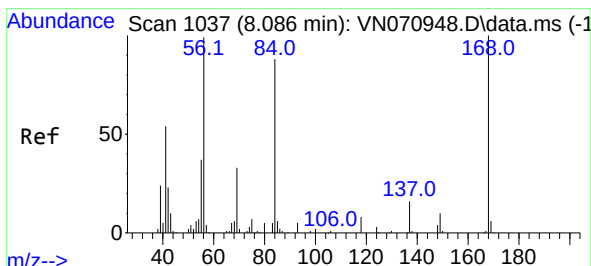
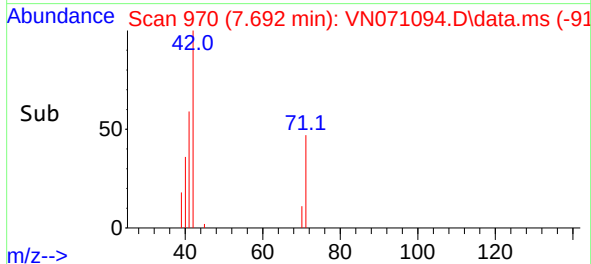
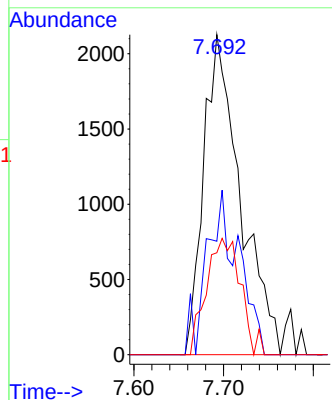
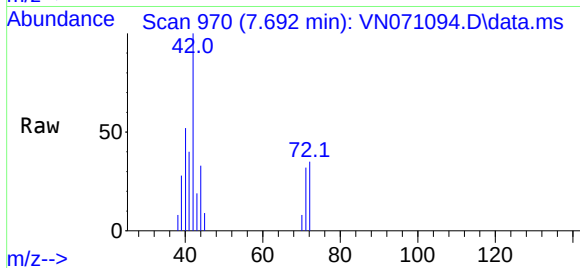
Tgt Ion: 42 Resp: 6066

Ion Ratio Lower Upper

42 100

72 31.5 36.3 54.5#

71 33.8 34.7 52.1#



#31

Cyclohexane

Concen: 1.038 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VN071094.D

Acq: 28 Feb 2022 14:30

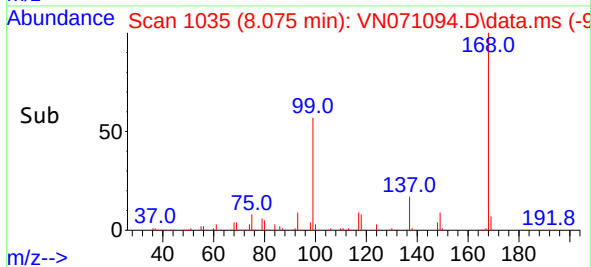
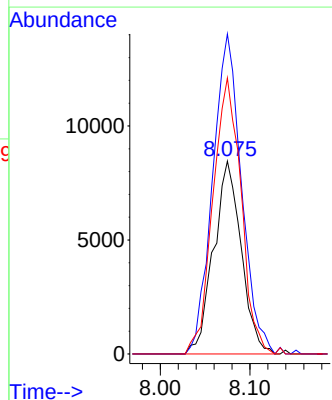
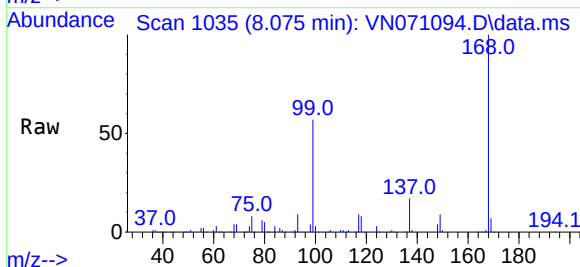
Tgt Ion: 56 Resp: 18048

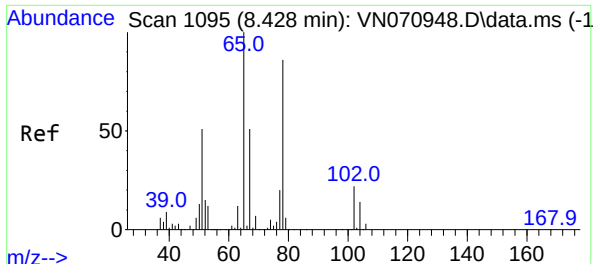
Ion Ratio Lower Upper

56 100

69 166.0 27.1 40.7#

84 143.2 73.4 110.0#

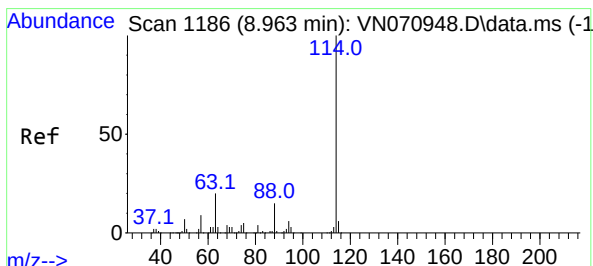
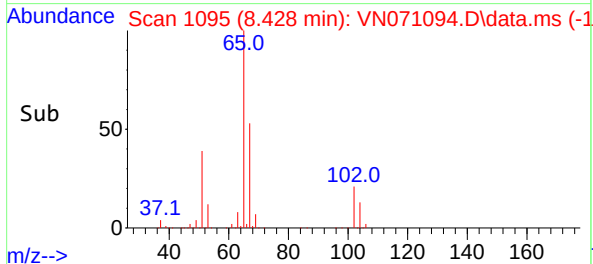
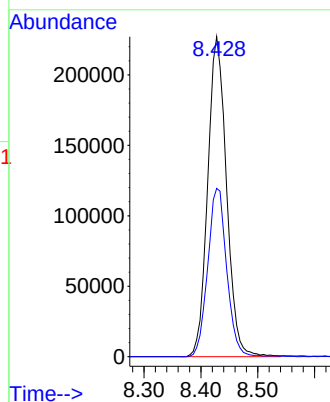
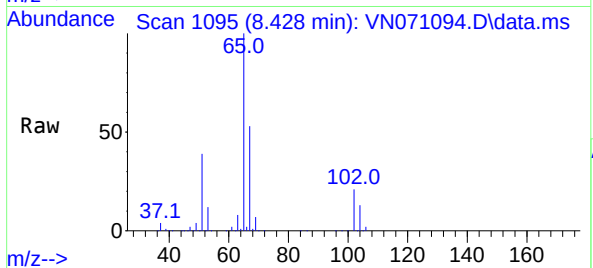




#33
1,2-Dichloroethane-d4
Concen: 51.783 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

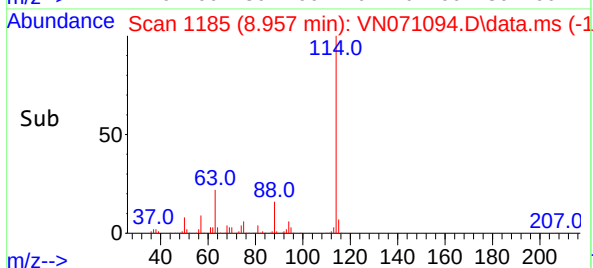
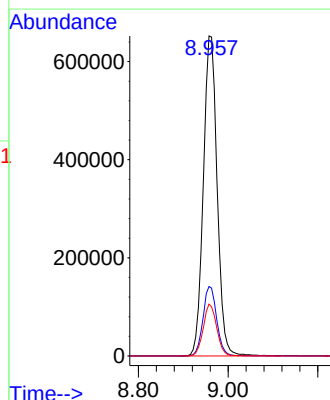
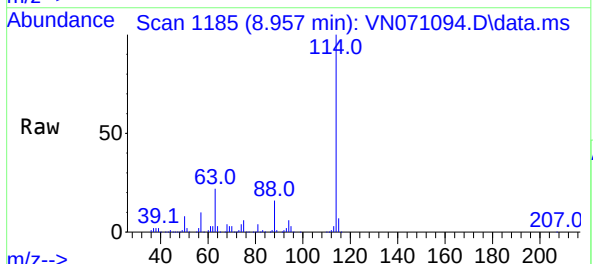
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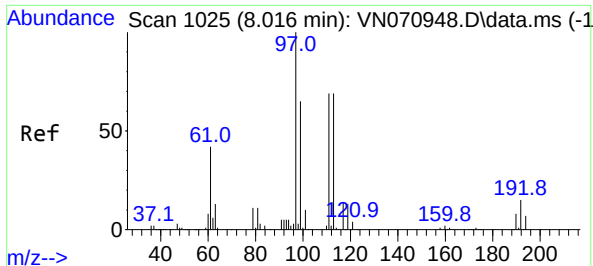
Tgt Ion: 65 Resp: 520602
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.957 min Scan# 1185
Delta R.T. -0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion:114 Resp: 1392398
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 16.2 0.0 27.4

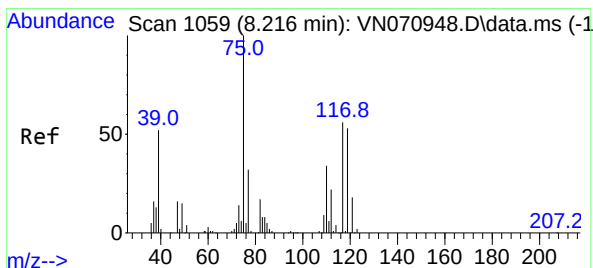
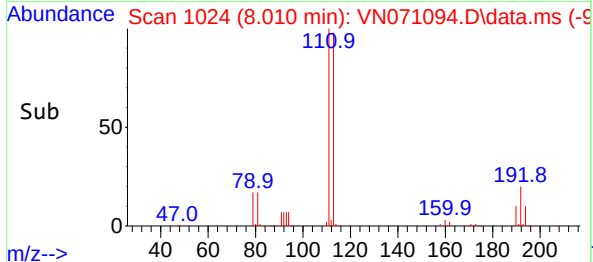
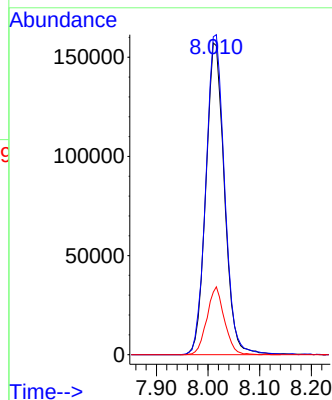
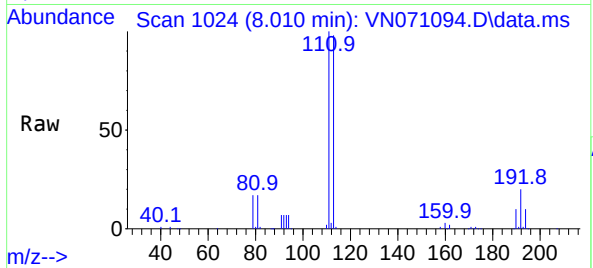




#35
Dibromofluoromethane
Concen: 47.304 ug/l
RT: 8.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

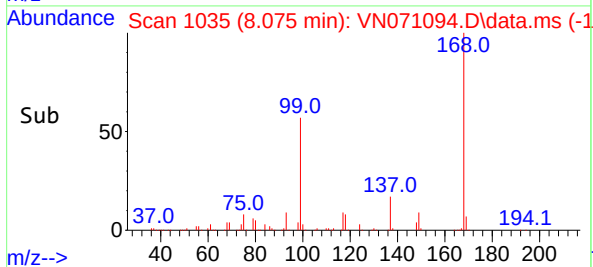
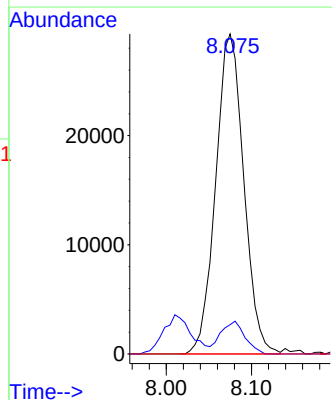
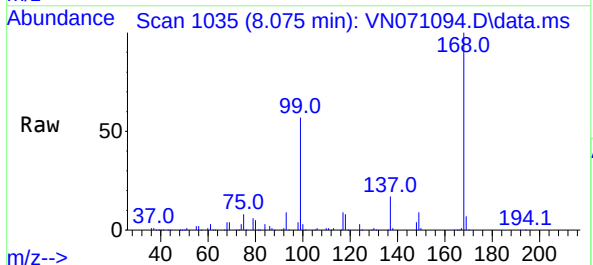
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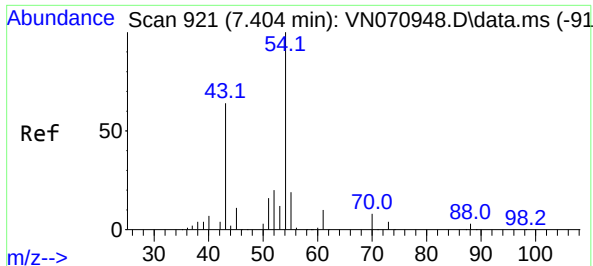
Tgt Ion:113 Resp: 391768
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.141 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 75 Resp: 67022
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#

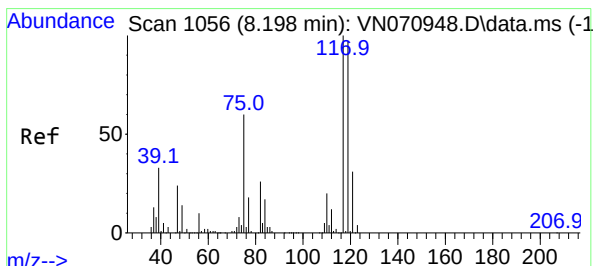
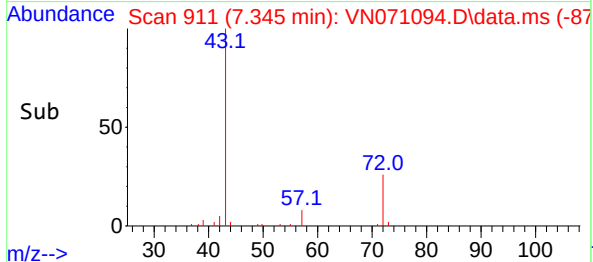
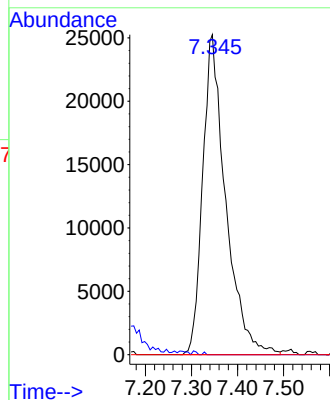
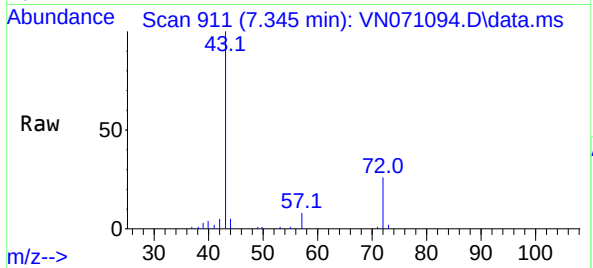




#37
Ethyl Acetate
Concen: 6.032 ug/l
RT: 7.345 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

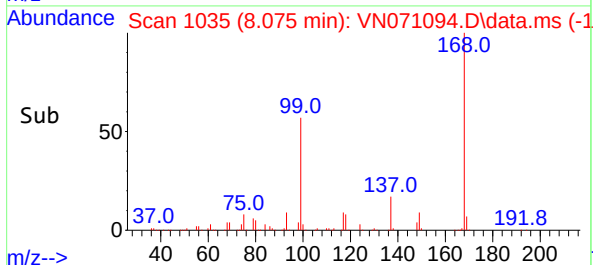
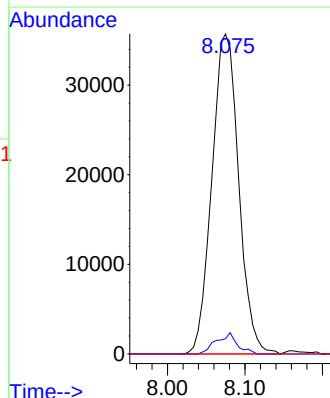
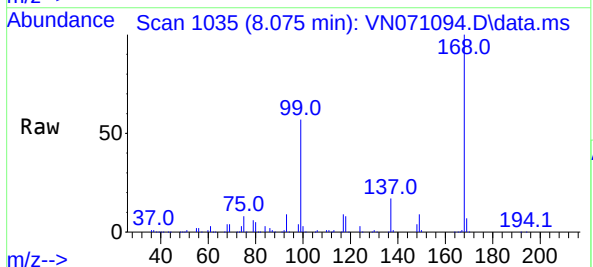
Instrument :
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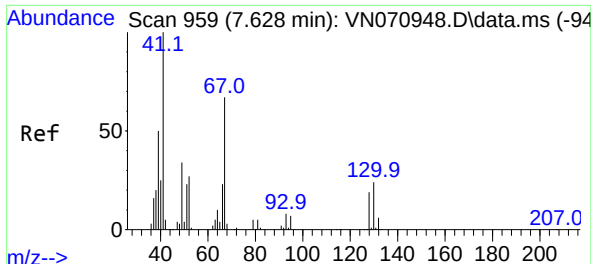
Tgt Ion: 43 Resp: 87780
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.123 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 117 Resp: 85870
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



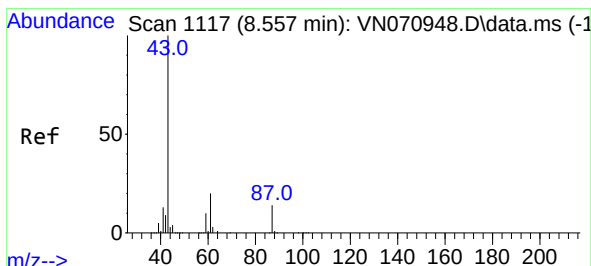
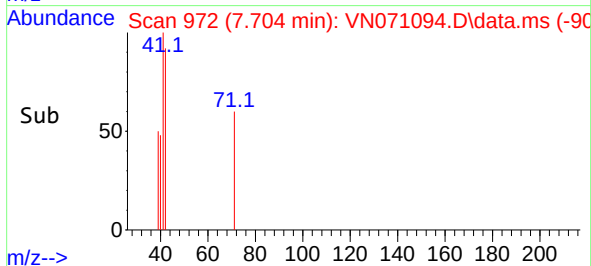
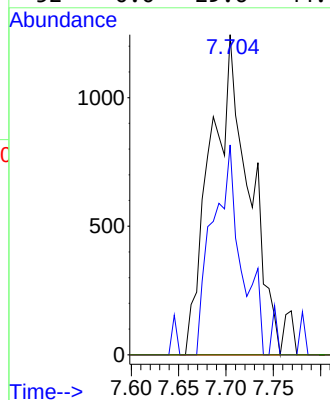
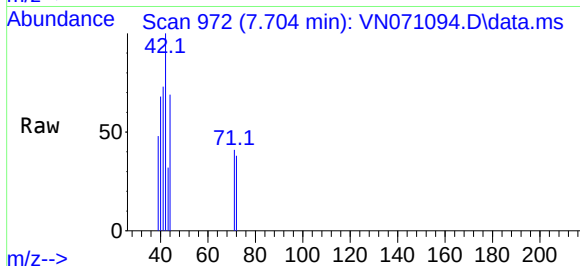


#41
Methacrylonitrile
Concen: 0.461 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.077 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

Tgt Ion: 41 Resp: 3530

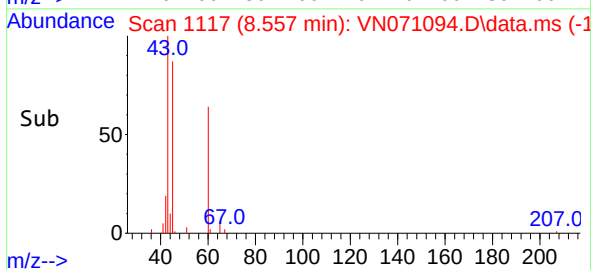
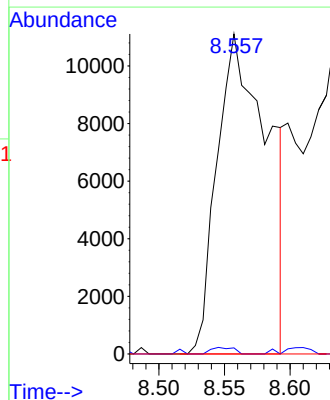
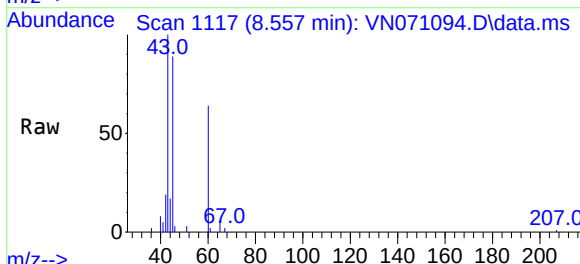
Ion	Ratio	Lower	Upper
41	100		
39	48.9	48.1	72.1
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#

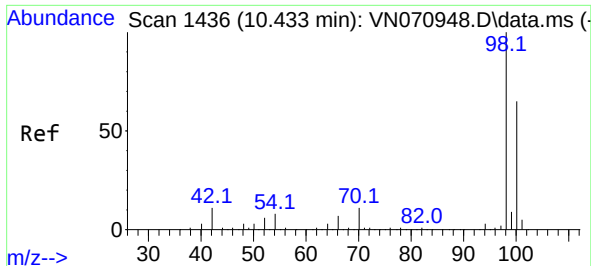


#43
Isopropyl Acetate
Concen: 1.296 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 43 Resp: 29726

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

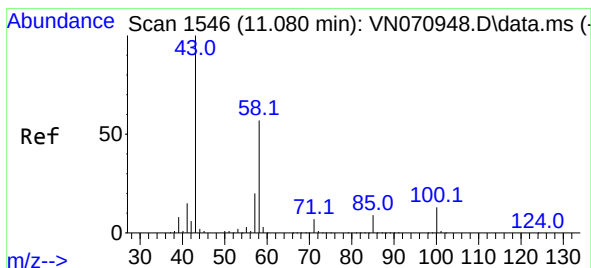
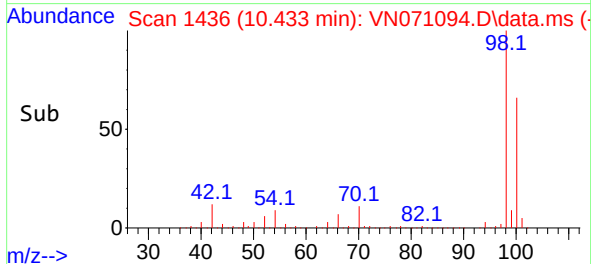
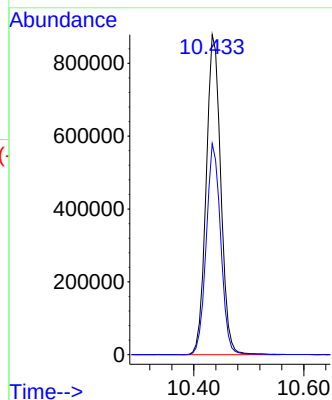
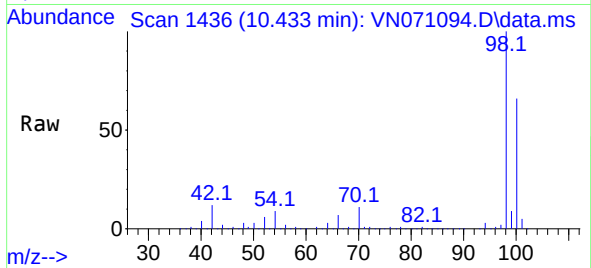




#50
Toluene-d8
Concen: 48.652 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

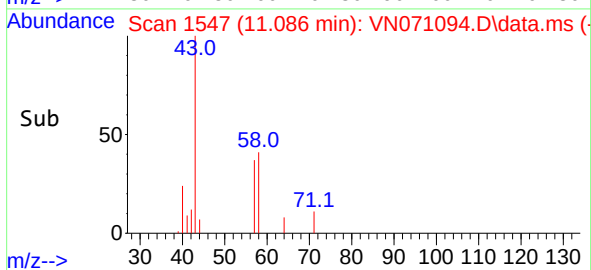
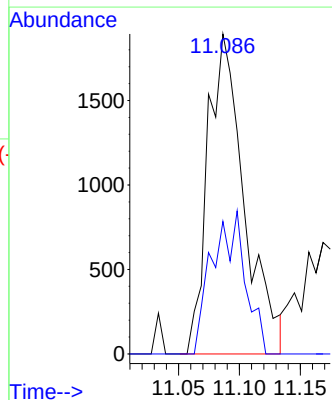
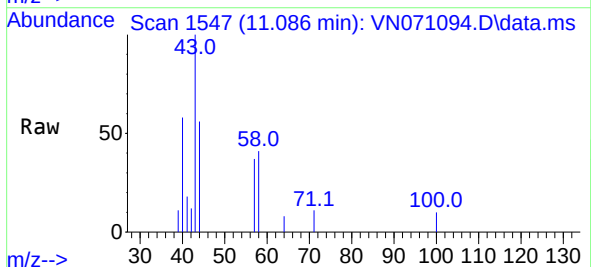
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

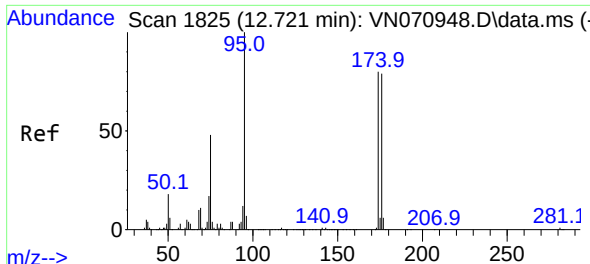
Tgt Ion: 98 Resp: 1618157
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#59
2-Hexanone
Concen: 0.411 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
58 40.4 26.9 80.7



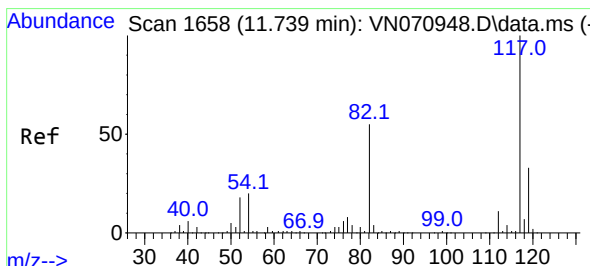
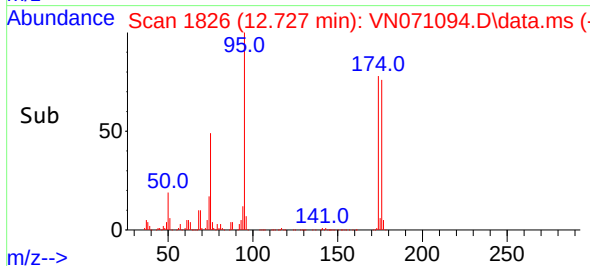
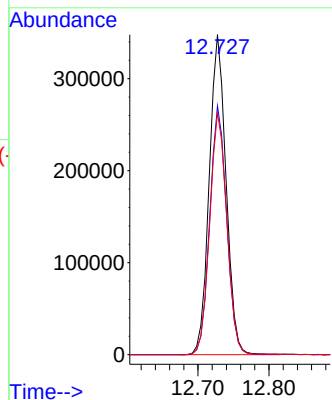
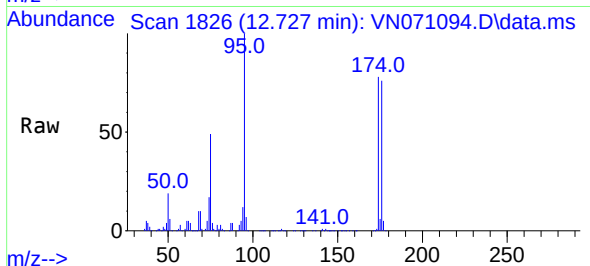


#62
4-Bromofluorobenzene
Concen: 48.136 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

Tgt Ion: 95 Resp: 572262

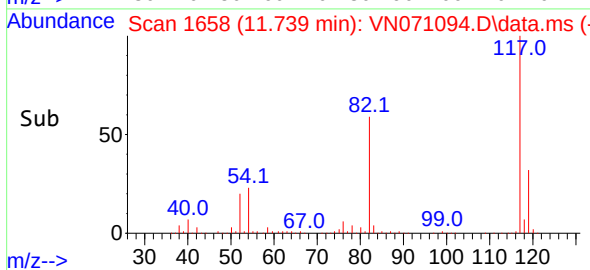
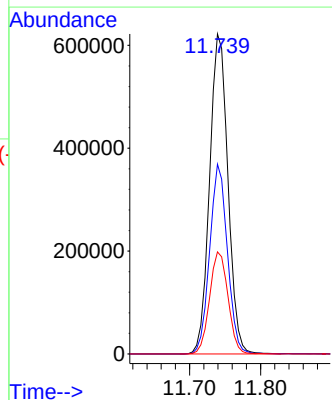
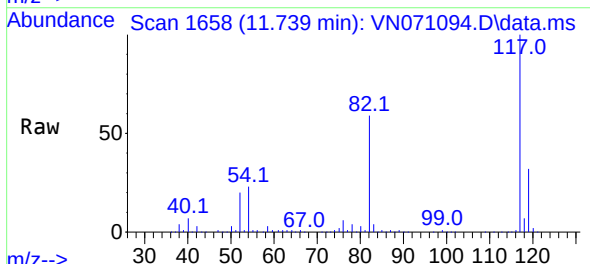
Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	187.2
176	76.6	0.0	181.4

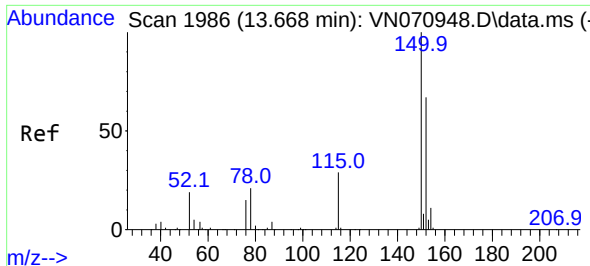


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 117 Resp: 1115702

Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	31.9	25.4	38.2

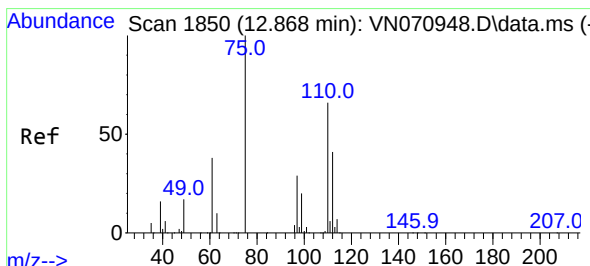
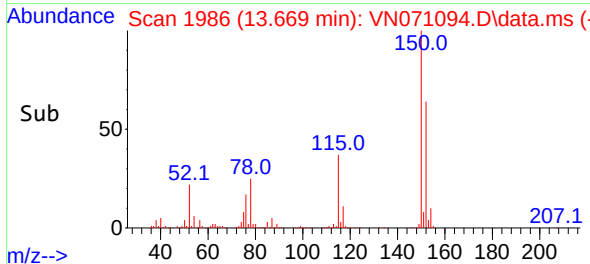
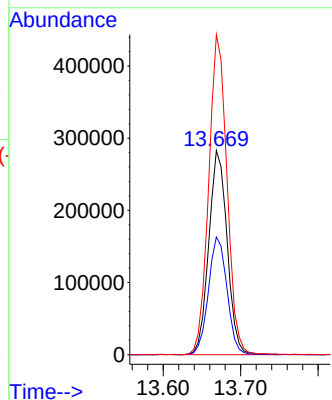
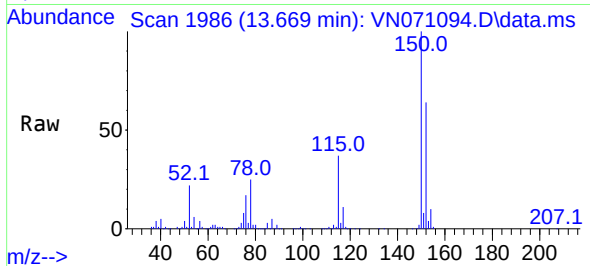




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

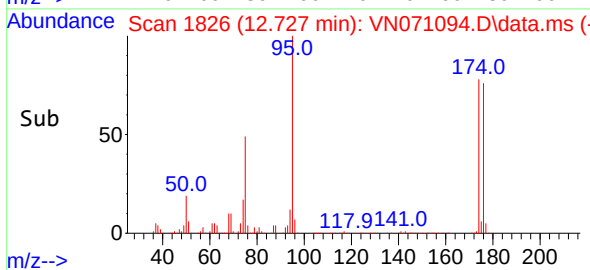
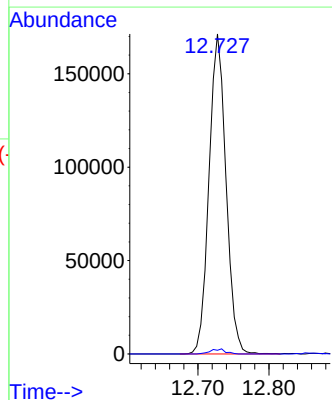
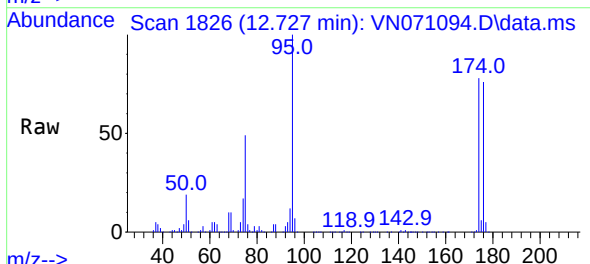
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

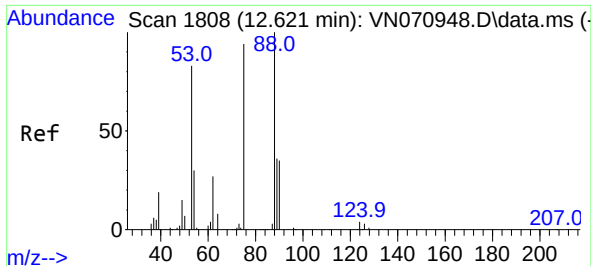
Tgt Ion:152 Resp: 466597
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 156.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 25.957 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion: 75 Resp: 285162
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

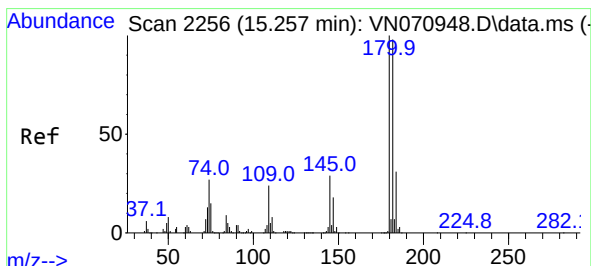
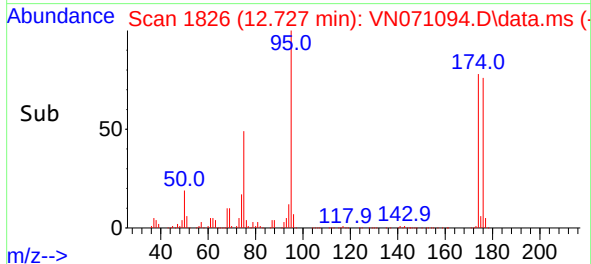
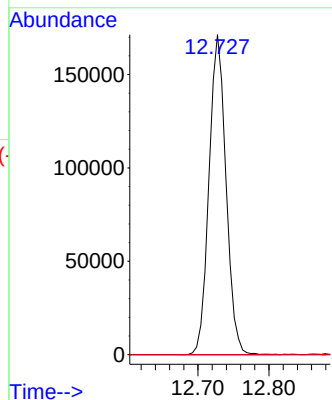
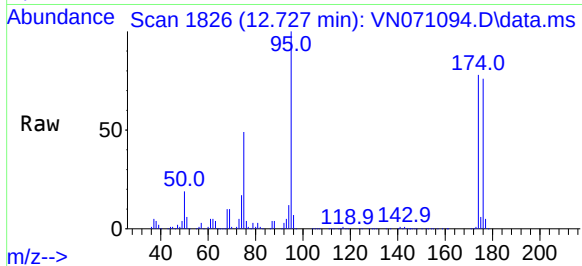




#81
trans-1,4-Dichloro-2-butene
Concen: 84.112 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

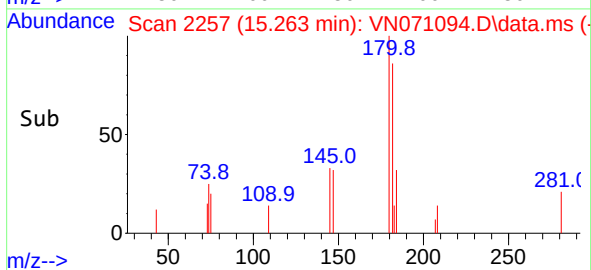
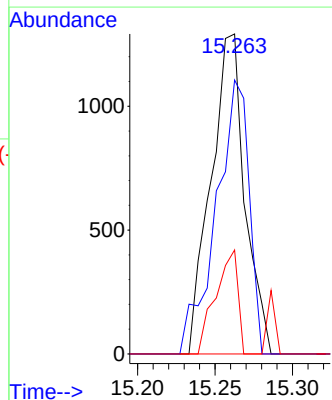
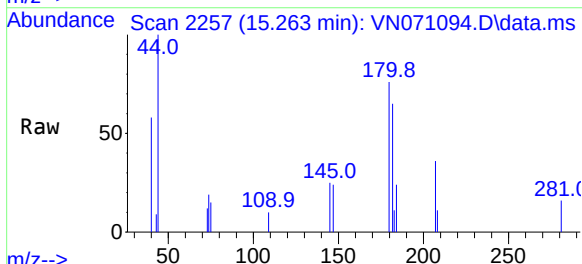
Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

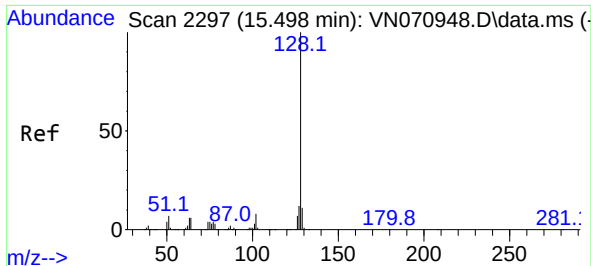
Tgt Ion: 75 Resp: 285162
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.219 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion:180 Resp: 1969
Ion Ratio Lower Upper
180 100
182 82.9 48.3 144.9
145 21.2 14.5 43.5

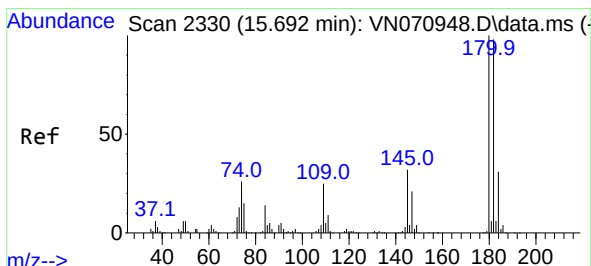
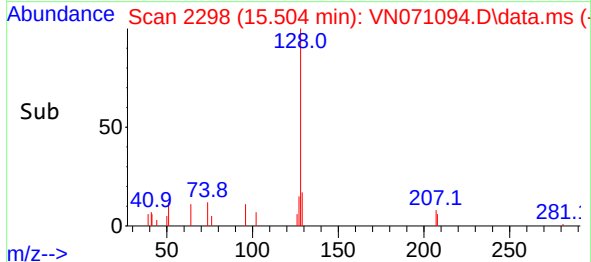
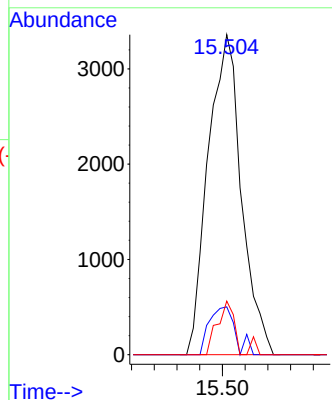
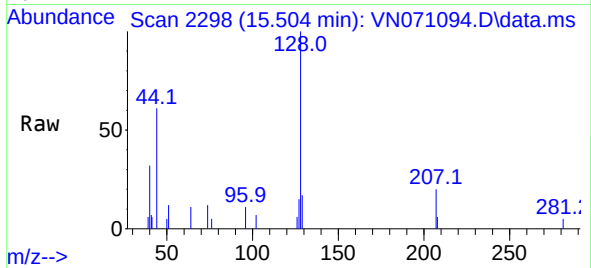




#95
Naphthalene
Concen: 5.284 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2-2FTME

Tgt Ion:128 Resp: 6832
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 8.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.759 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071094.D
Acq: 28 Feb 2022 14:30

Tgt Ion:180 Resp: 2029
Ion Ratio Lower Upper
180 100
182 79.3 47.4 142.2
145 13.6 15.0 45.1#

