

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071146.D
 Acq On : 03 Mar 2022 12:10
 Operator : JC\MD
 Sample : VN0303WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBL01

Quant Time: Mar 04 01:11:51 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)

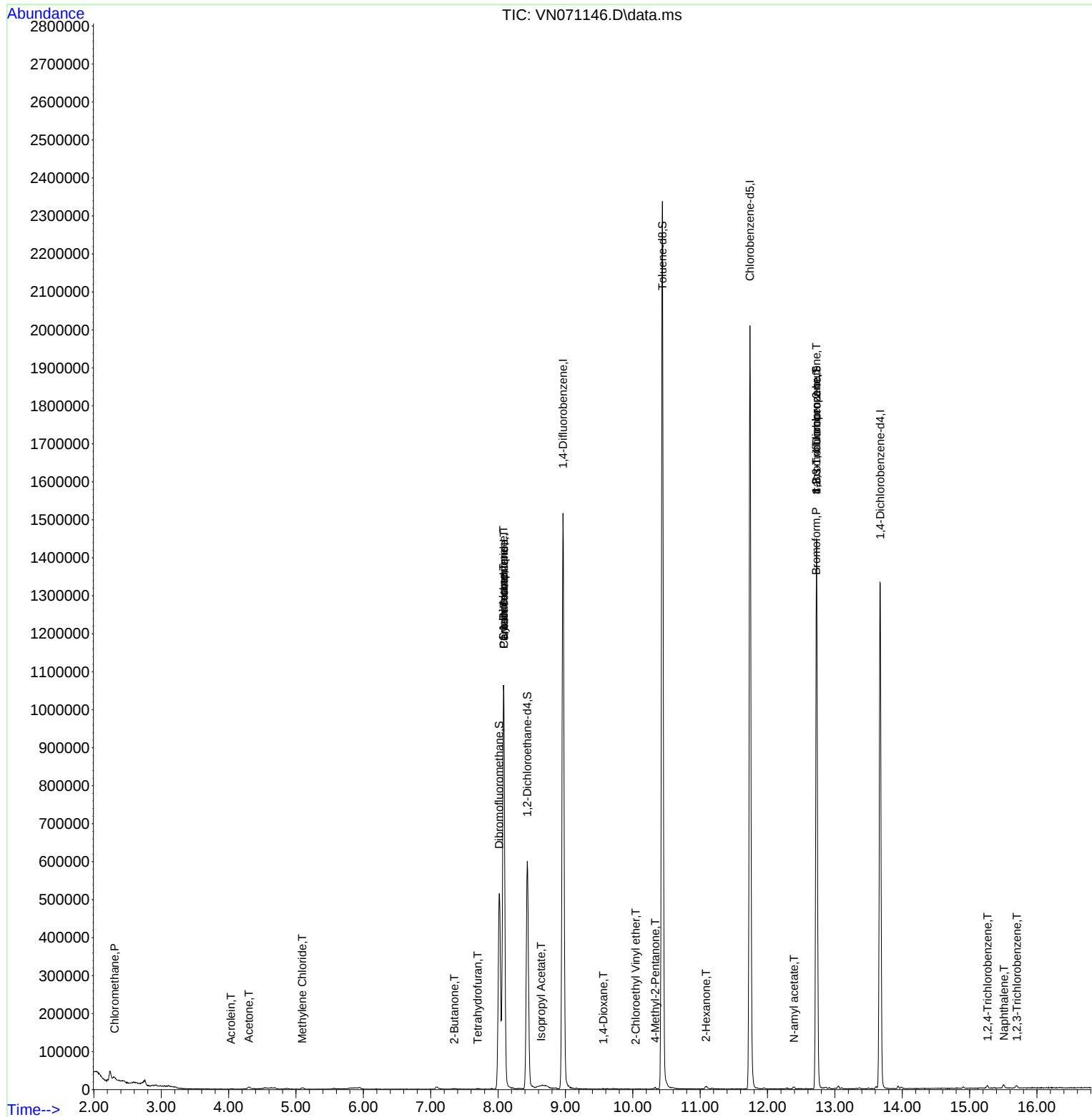
Internal Standards						
1) Pentafluorobenzene	8.086	168	829596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1328087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1168568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	380992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	501332	52.902	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.800%
35) Dibromofluoromethane	8.016	113	391591	49.572	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.140%
50) Toluene-d8	10.439	98	1609805	50.745	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.727	95	516777	45.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	2500	0.231	ug/l #	81
13) Acrolein	4.034	56	956	0.619	ug/l #	64
16) Acetone	4.298	43	4681	0.897	ug/l #	79
18) Methyl Acetate	4.857	43	2467	Below Cal	#	69
20) Methylene Chloride	5.092	84	2372	0.250	ug/l #	86
25) 2-Butanone	7.351	43	3025	0.436	ug/l #	76
29) Tetrahydrofuran	7.698	42	1101	0.245	ug/l #	42
31) Cyclohexane	8.081	56	16140	0.985	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	63284	4.890	ug/l #	50
38) Carbon Tetrachloride	8.086	117	81596	6.399	ug/l #	16
43) Isopropyl Acetate	8.639	43	11453	0.523	ug/l #	55
49) 1,4-Dioxane	9.563	88	132	0.718	ug/l #	32
51) 4-Methyl-2-Pentanone	10.333	43	3408	0.256	ug/l	88
58) 2-Chloroethyl Vinyl ether	10.045	63	57	31.817	ug/l #	45
59) 2-Hexanone	11.086	43	7083	0.774	ug/l	84
71) Bromoform	12.721	173	2391	0.327	ug/l #	29
74) N-amyl acetate	12.392	43	3380	0.345	ug/l #	90
76) 1,2,3-Trichloropropane	12.727	75	264083	29.439	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	264083	95.396	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	2853	2.389	ug/l	96
95) Naphthalene	15.509	128	9513	5.492	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	3097	2.971	ug/l	85

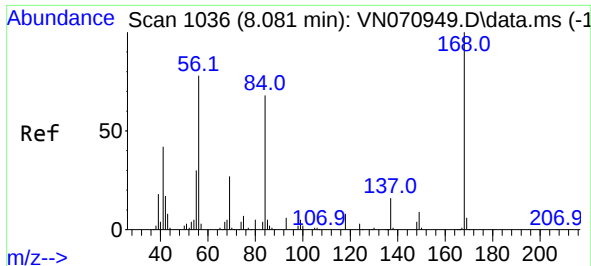
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
Data File : VN071146.D
Acq On : 03 Mar 2022 12:10
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Instrument :
MSVOA_N
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Quant Time: Mar 04 01:11:51 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

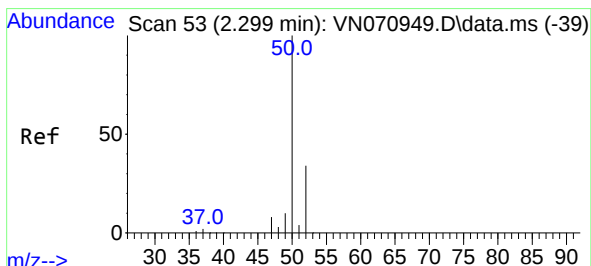
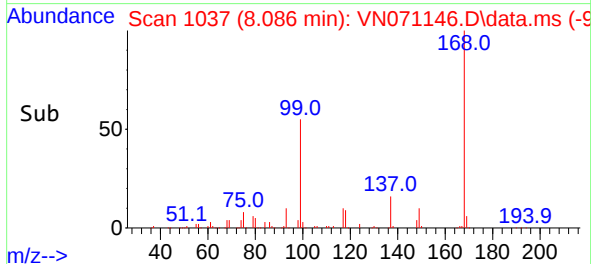
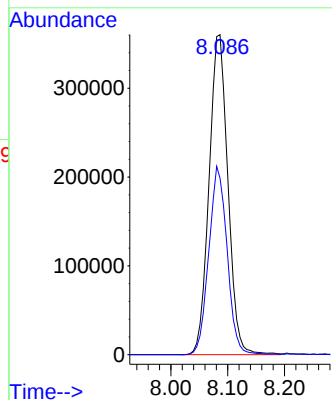
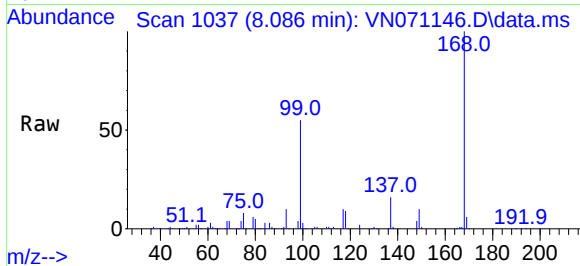




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

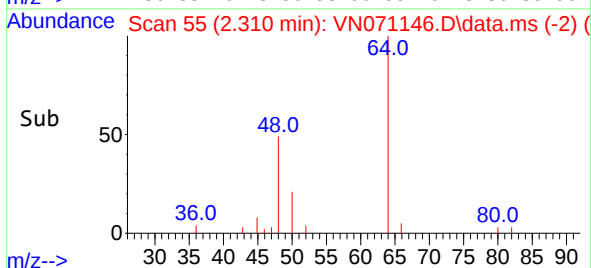
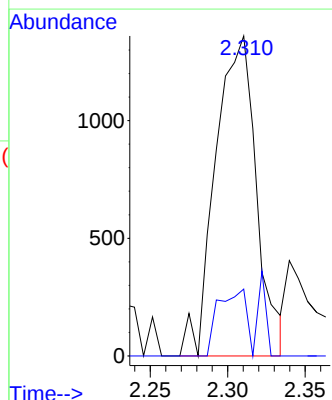
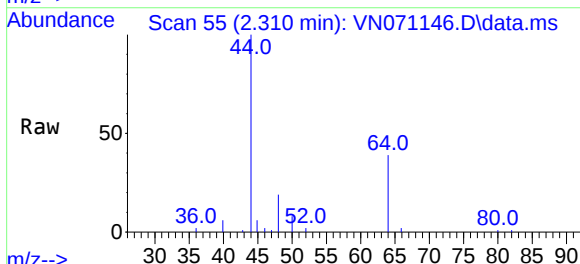
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

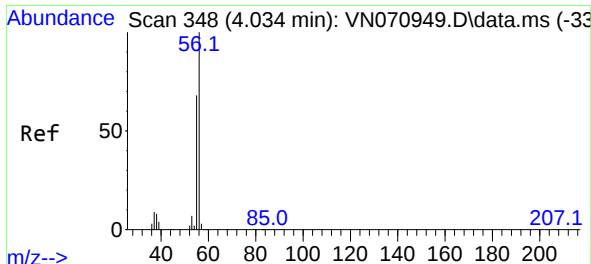
Tgt Ion:168 Resp: 829596
Ion Ratio Lower Upper
168 100
99 55.2 41.3 61.9



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.310 min Scan# 55
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 50 Resp: 2500
Ion Ratio Lower Upper
50 100
52 20.9 25.4 38.0#

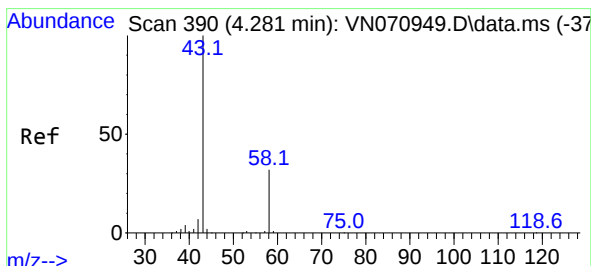
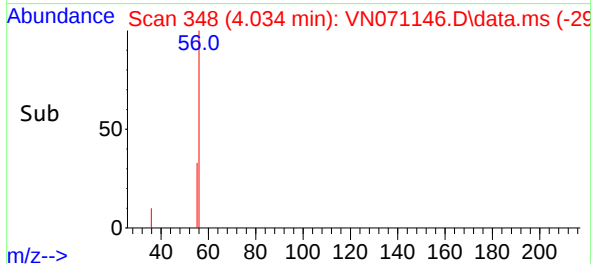
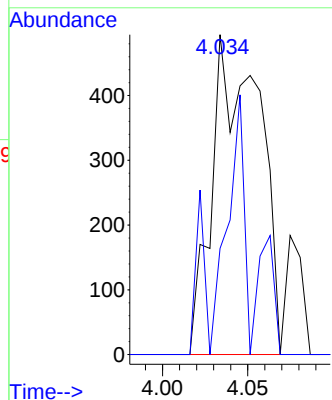
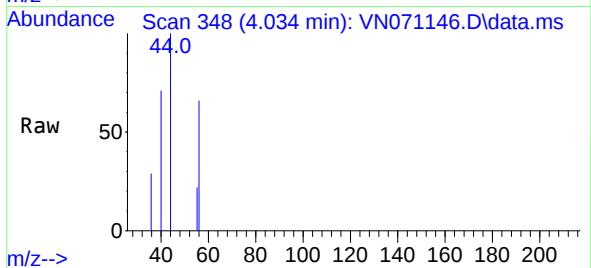




#13
Acrolein
Concen: 0.619 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

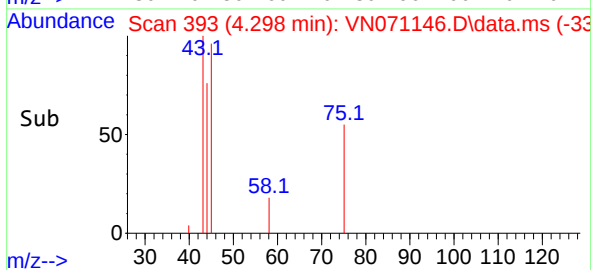
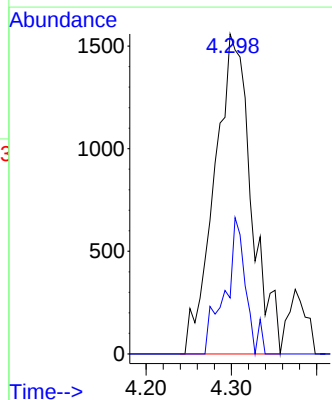
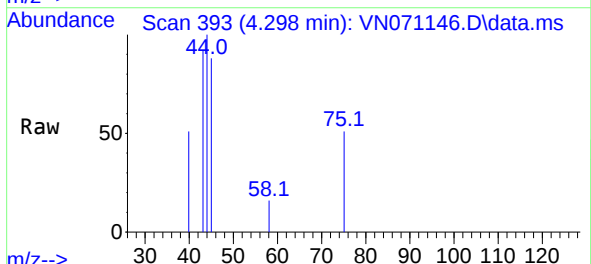
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

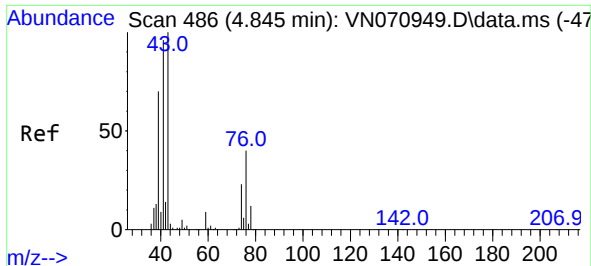
Tgt Ion: 56 Resp: 956
Ion Ratio Lower Upper
56 100
55 40.9 56.6 85.0#



#16
Acetone
Concen: 0.897 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 43 Resp: 4681
Ion Ratio Lower Upper
43 100
58 17.5 23.1 34.7#

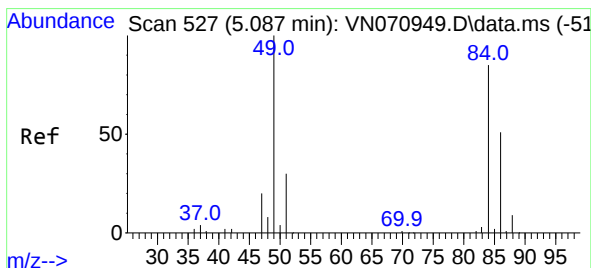
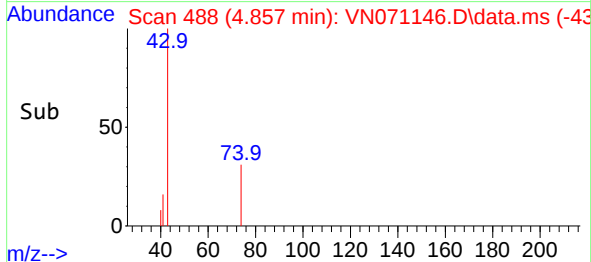
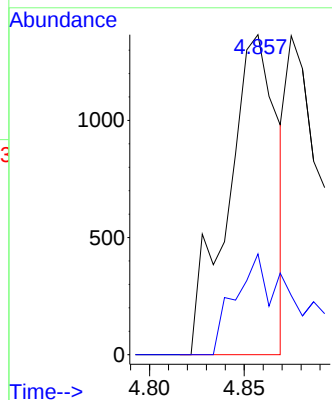
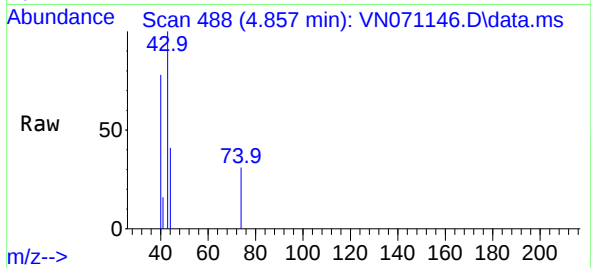




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

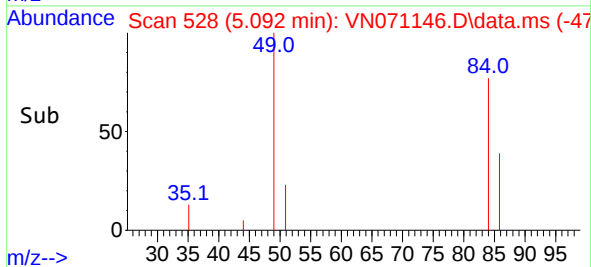
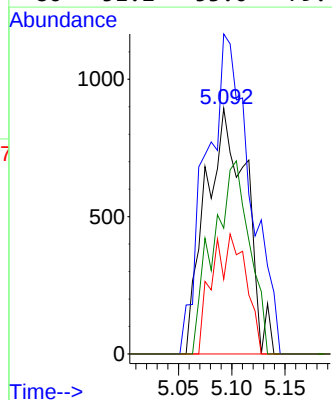
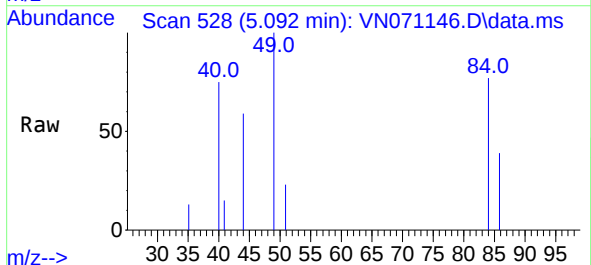
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

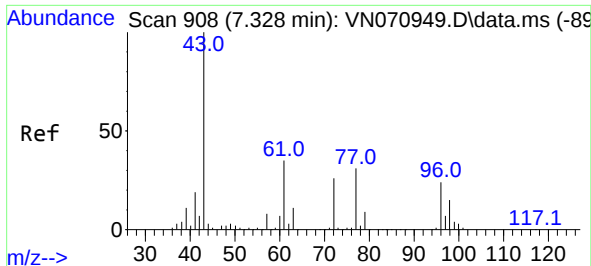
Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
74 39.5 19.4 29.2#



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 84 Resp: 2372
Ion Ratio Lower Upper
84 100
49 130.3 93.5 140.3
51 30.4 29.4 44.2
86 51.2 53.0 79.4#

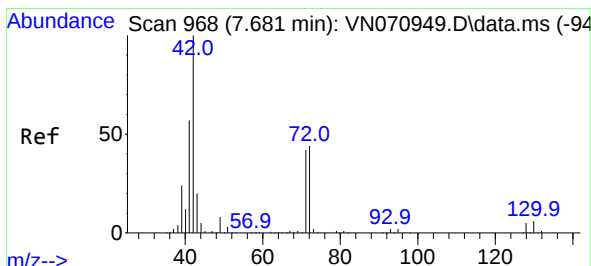
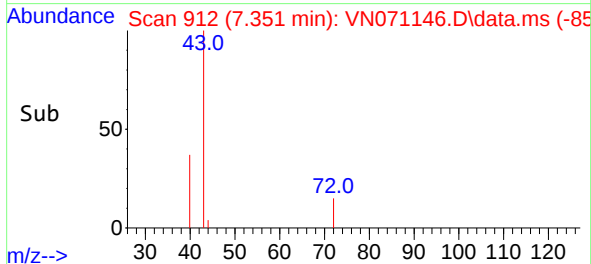
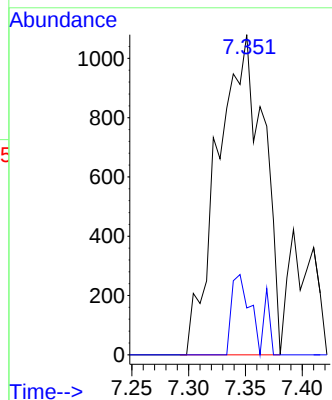
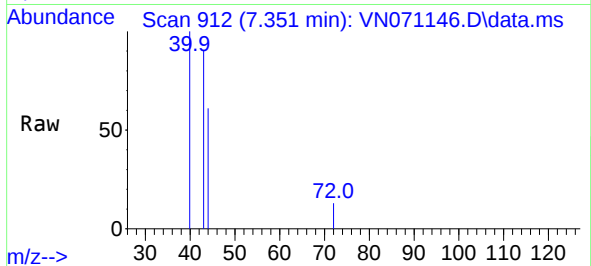




#25
2-Butanone
Concen: 0.436 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

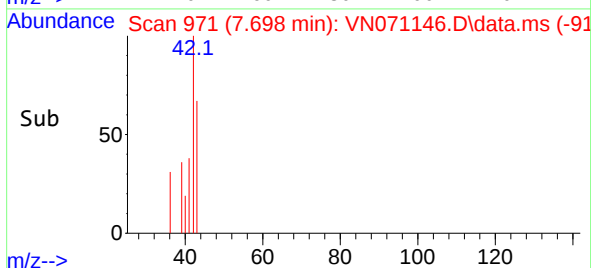
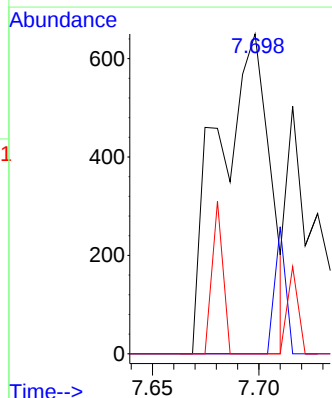
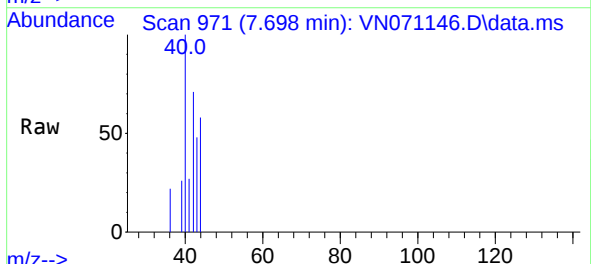
Instrument :
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ClientSampleId :
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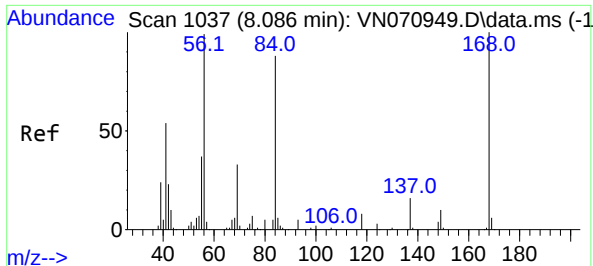
Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
72 14.6 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.245 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.018 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 42 Resp: 1101
Ion Ratio Lower Upper
42 100
72 8.3 36.3 54.5#
71 5.6 34.7 52.1#

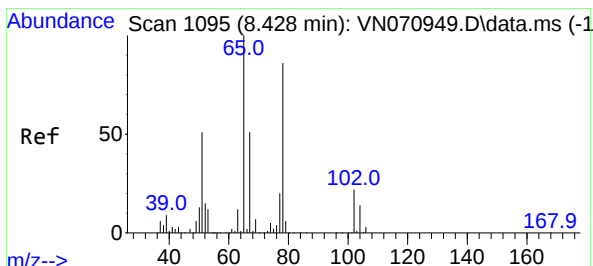
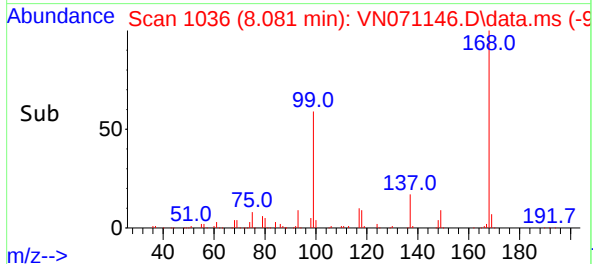
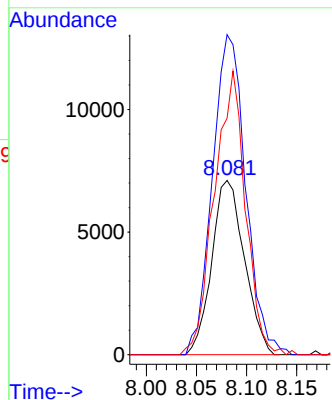
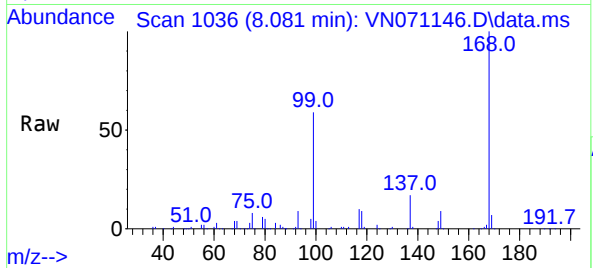




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

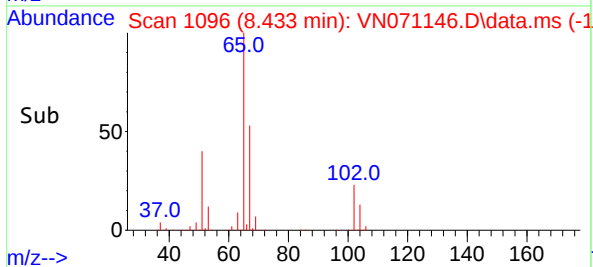
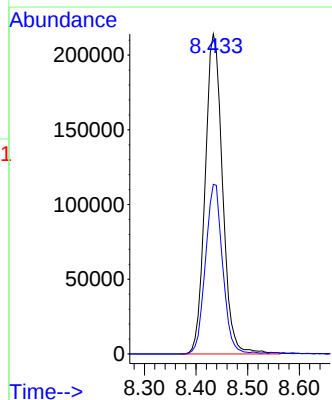
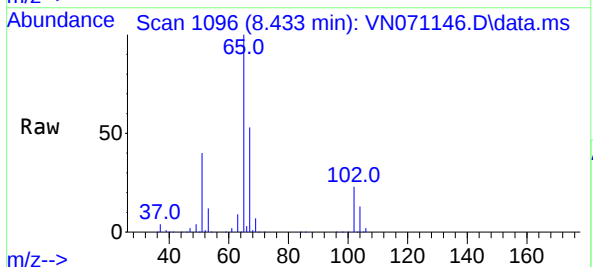
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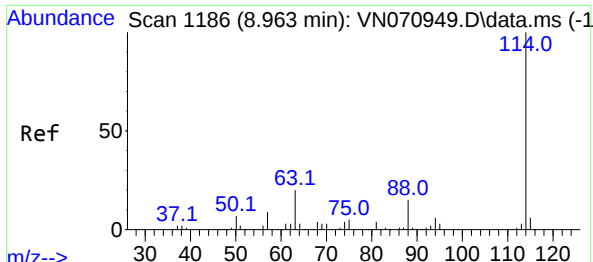
Tgt Ion: 56 Resp: 16140
Ion Ratio Lower Upper
56 100
69 183.6 27.1 40.7#
84 135.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.902 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 65 Resp: 501332
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

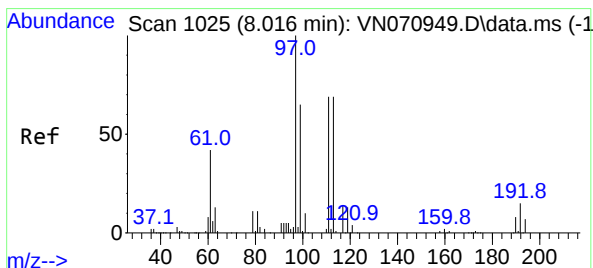
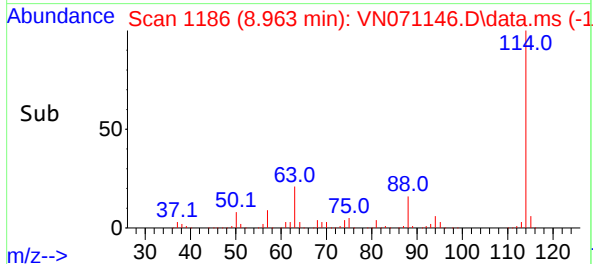
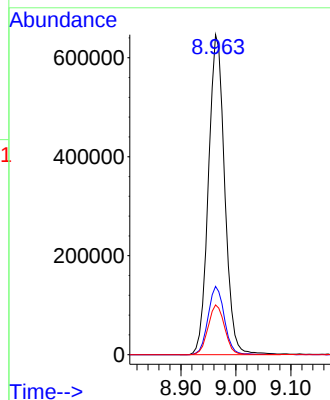
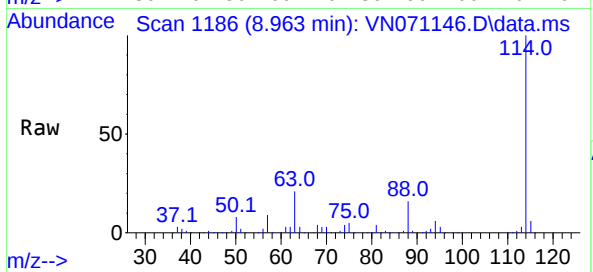




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

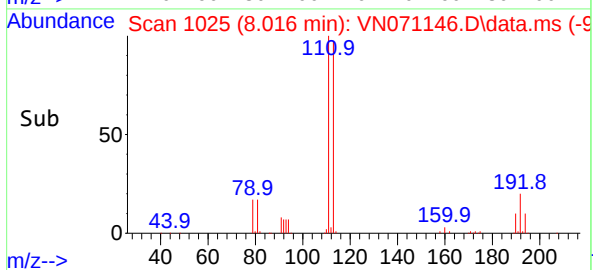
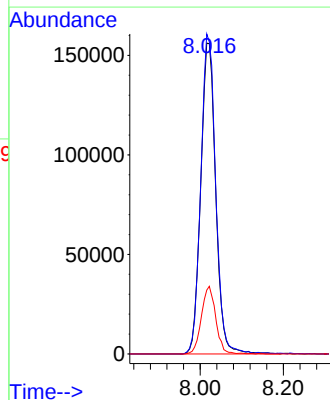
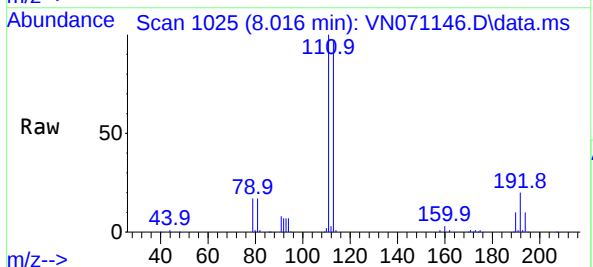
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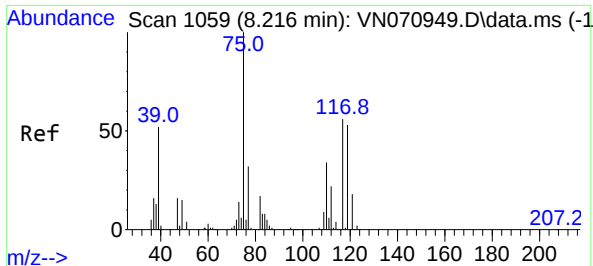
Tgt Ion:114 Resp: 1328087
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.572 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion:113 Resp: 391591
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 20.8 16.9 25.3

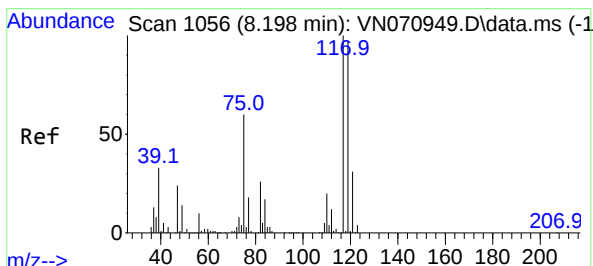
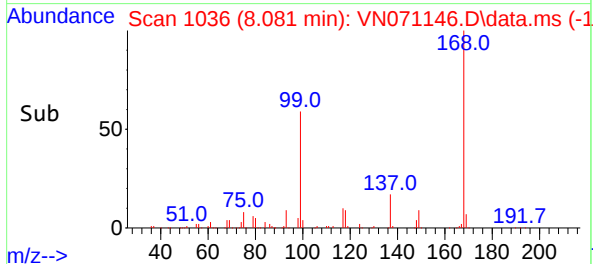
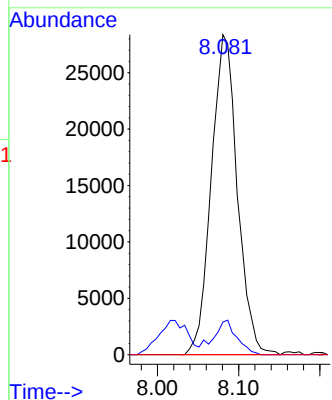
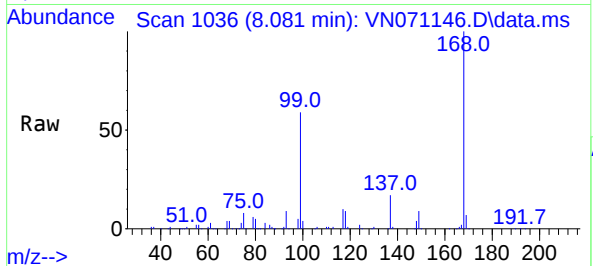




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

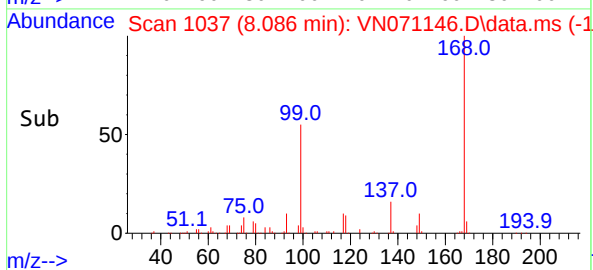
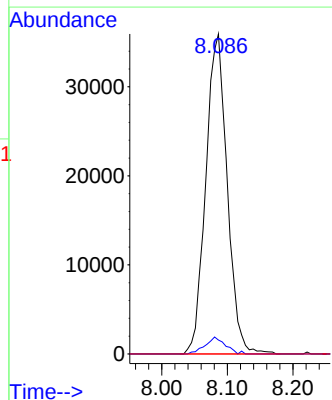
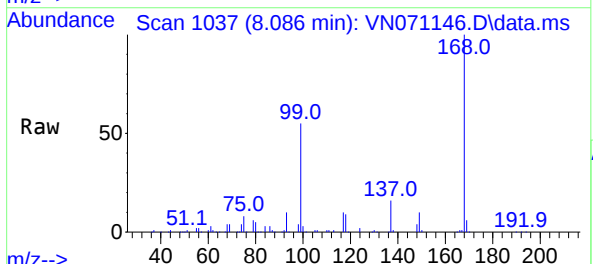
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

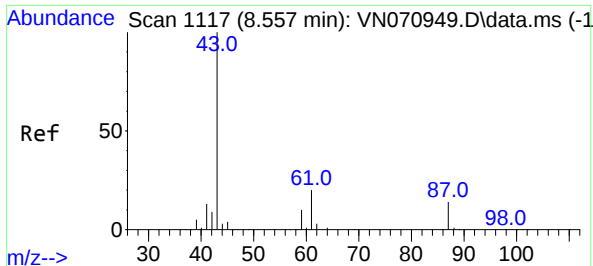
Tgt Ion: 75 Resp: 63284
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.112 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 117 Resp: 81596
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#

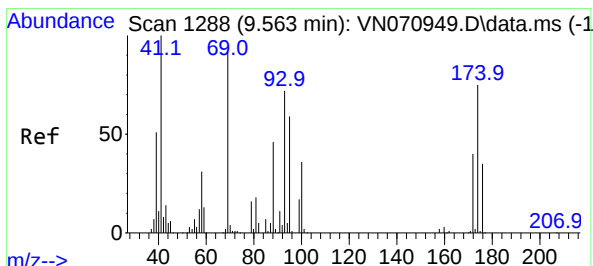
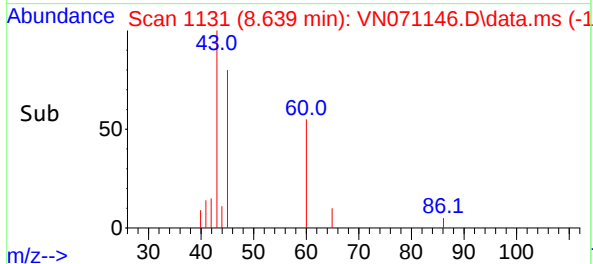
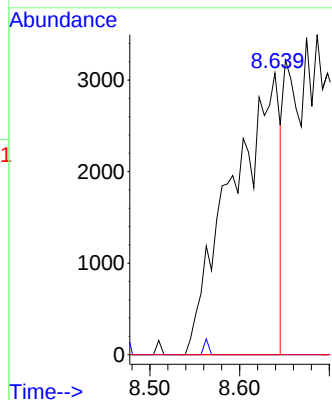
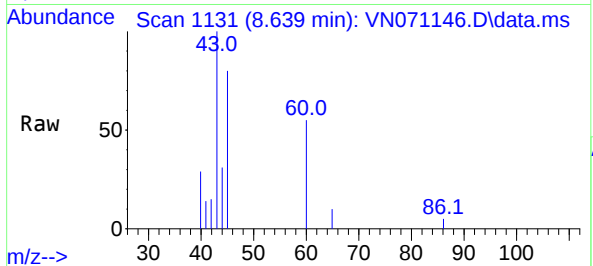




#43
Isopropyl Acetate
Concen: 0.523 ug/l
RT: 8.639 min Scan# 1117
Delta R.T. 0.082 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

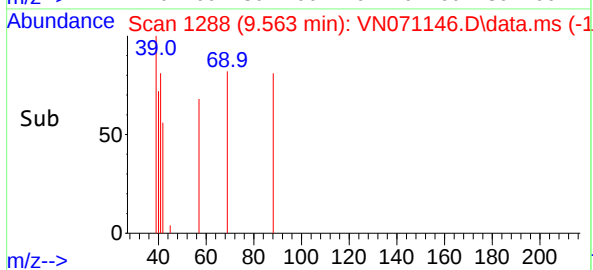
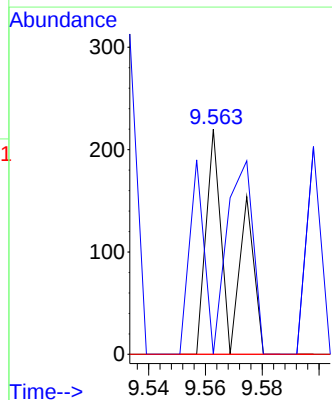
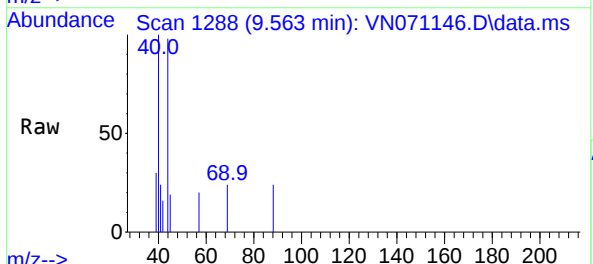
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

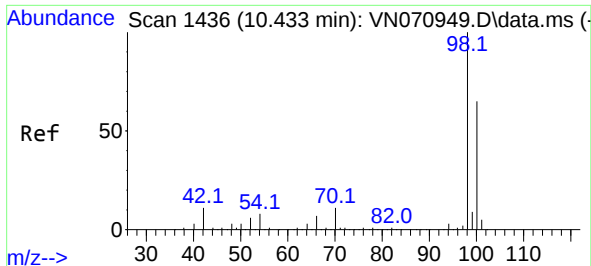
Tgt Ion: 43 Resp: 11453
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#49
1,4-Dioxane
Concen: 0.718 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 50.8 23.4 35.2#
58 0.0 50.6 75.8#

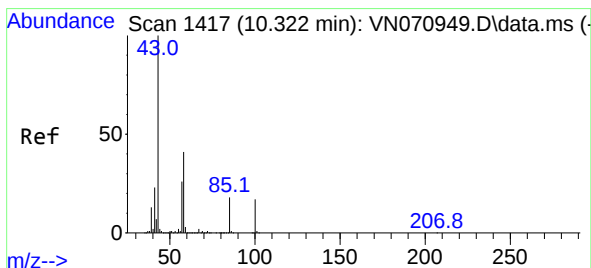
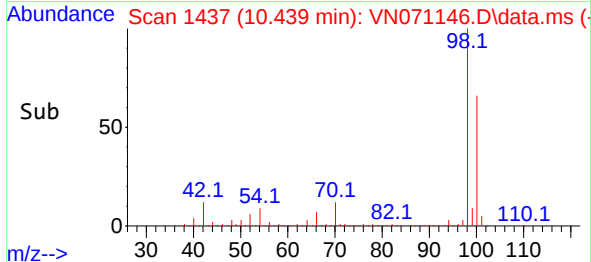
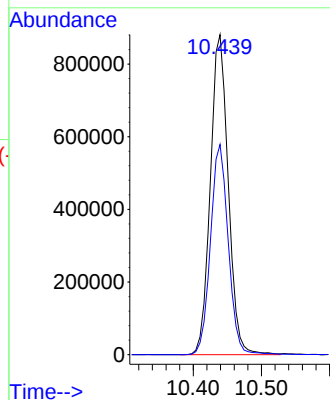
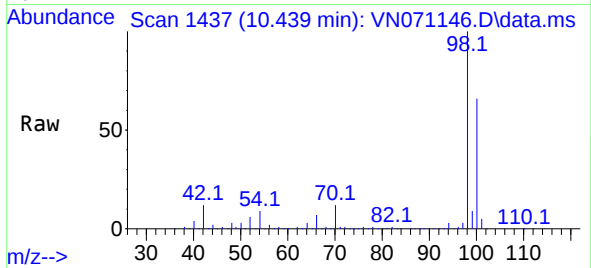




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

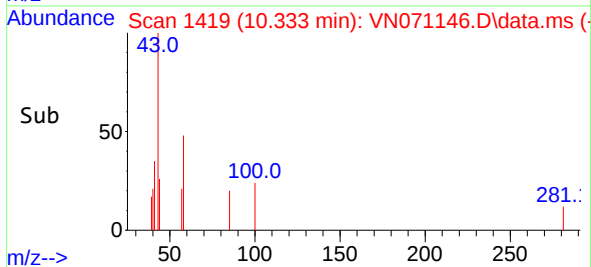
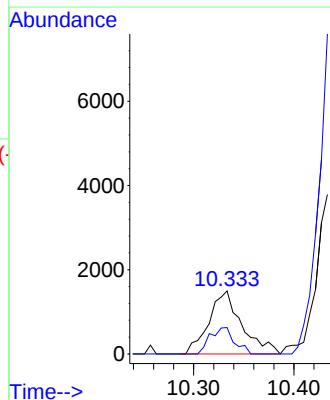
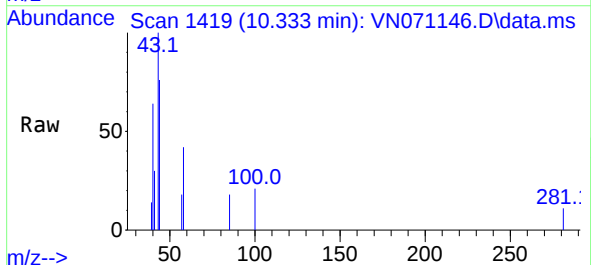
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

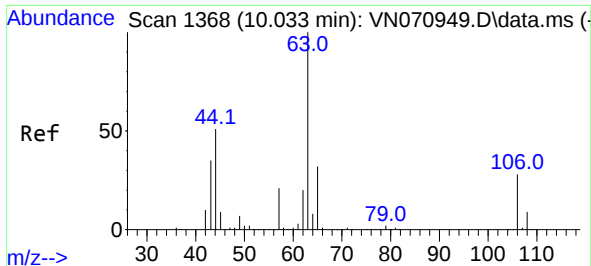
Tgt Ion: 98 Resp: 1609805
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.256 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 43 Resp: 3408
Ion Ratio Lower Upper
43 100
58 30.7 30.4 45.6

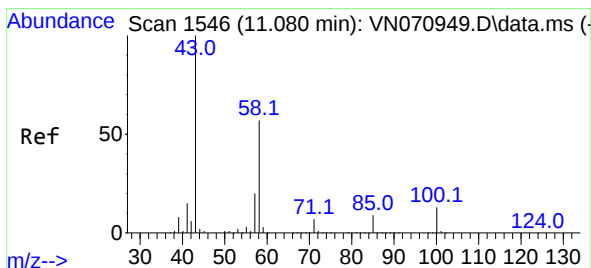
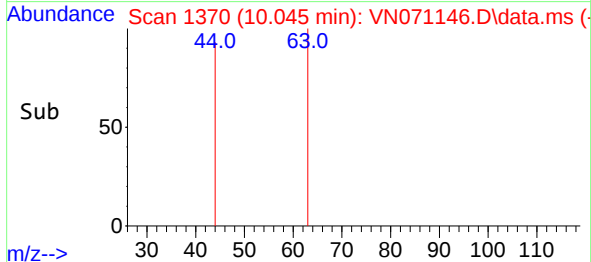
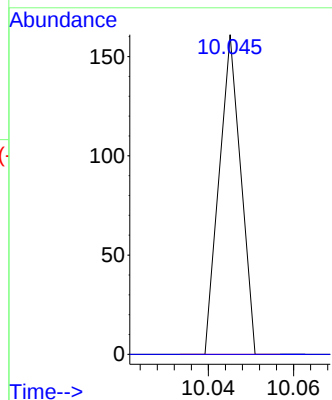
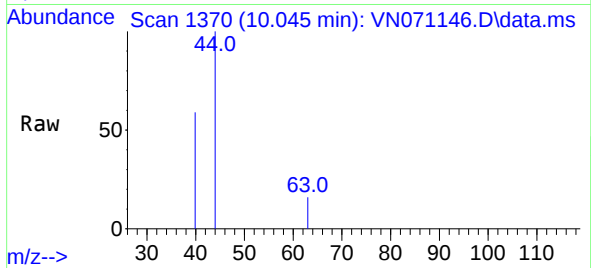




#58
2-Chloroethyl Vinyl ether
Concen: 31.817 ug/l
RT: 10.045 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

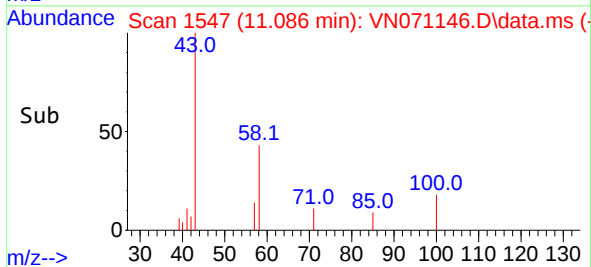
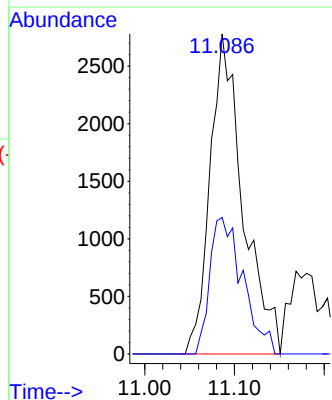
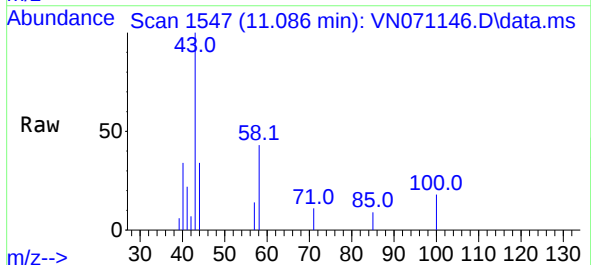
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

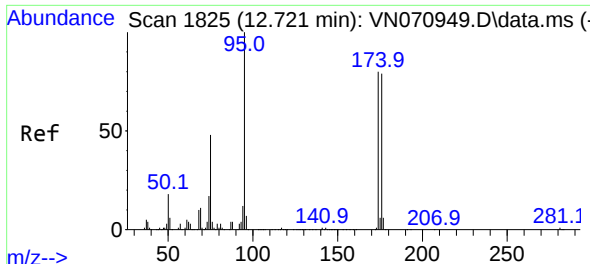
Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.774 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 43 Resp: 7083
Ion Ratio Lower Upper
43 100
58 42.6 26.9 80.7

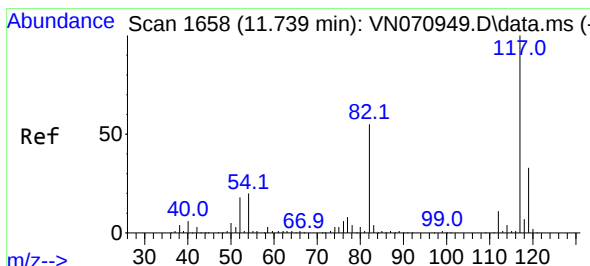
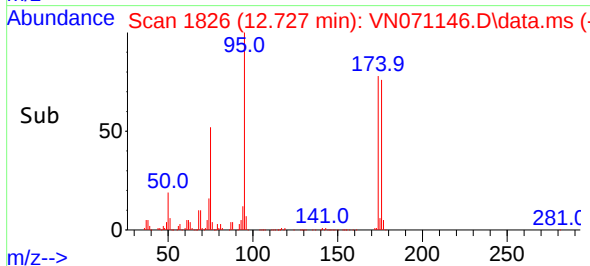
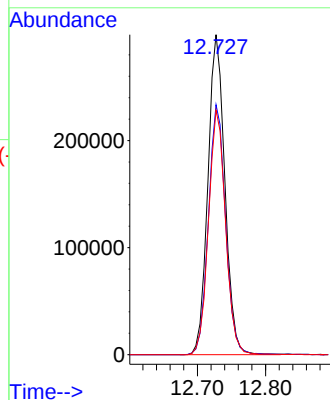
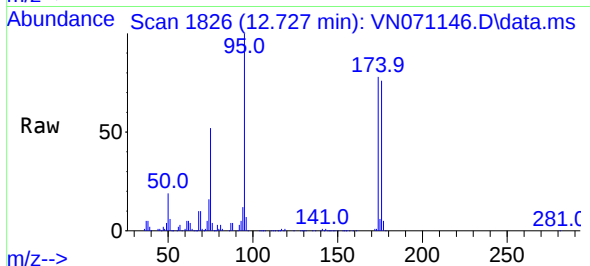




#62
4-Bromofluorobenzene
Concen: 45.574 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

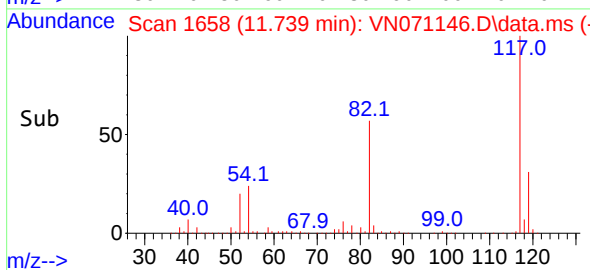
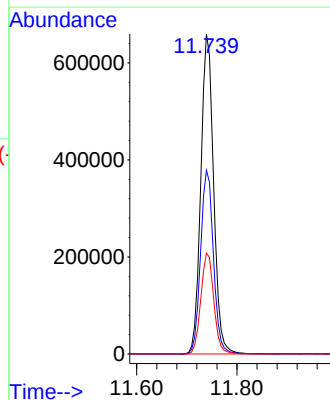
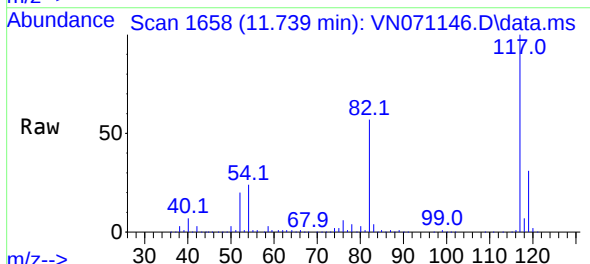
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

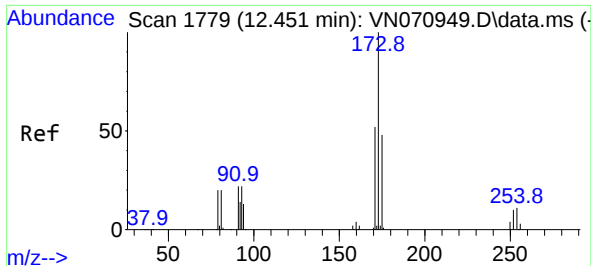
Tgt Ion: 95 Resp: 516777
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 117 Resp: 1168568
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.4 25.4 38.2

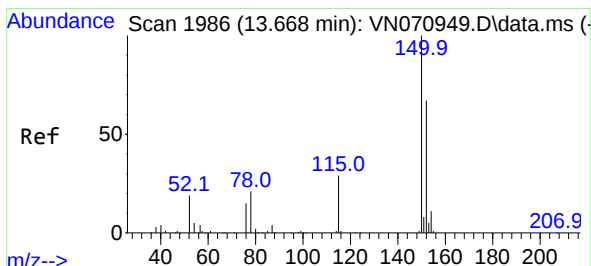
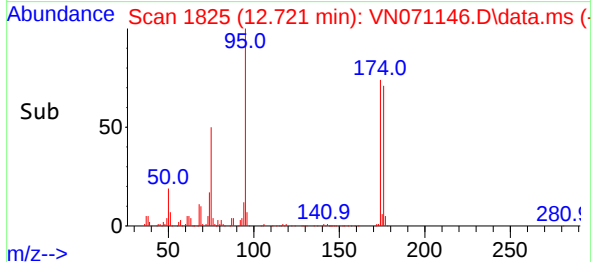
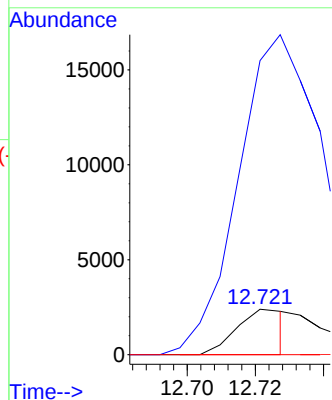
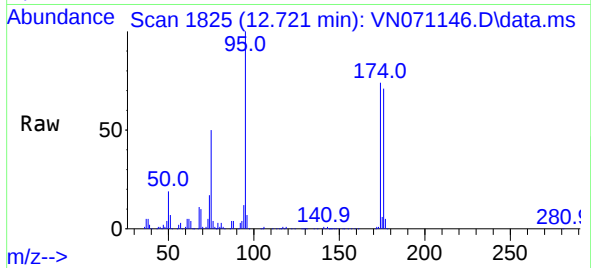




#71
Bromoform
Concen: 0.327 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

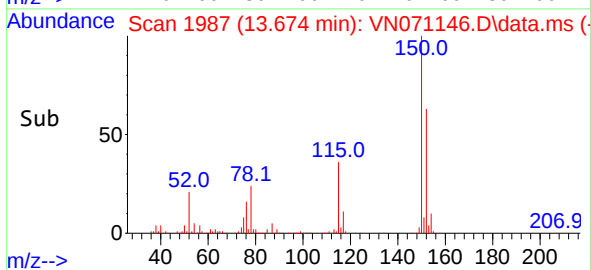
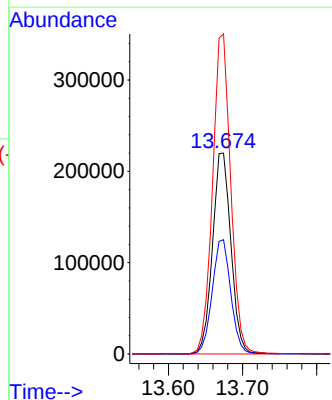
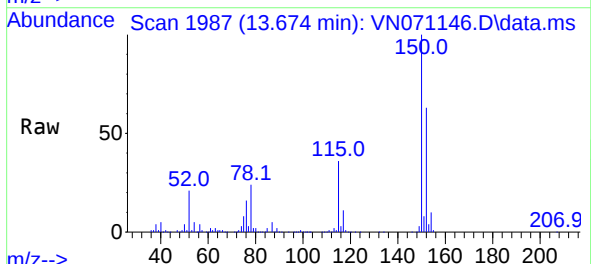
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

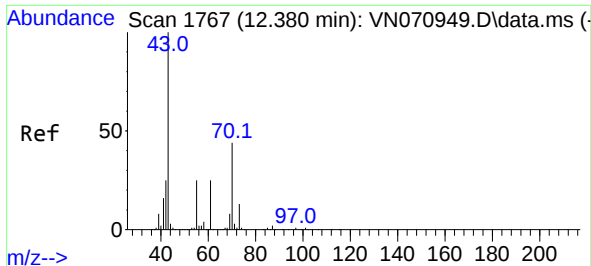
Tgt Ion:173 Resp: 2391
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion:152 Resp: 380992
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 156.8 0.0 344.4

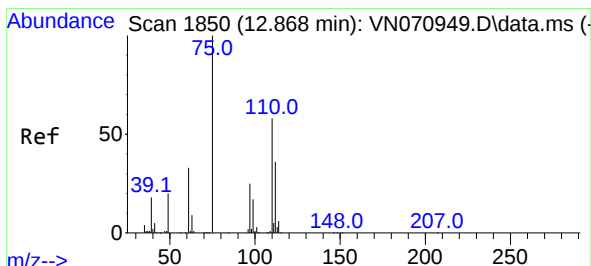
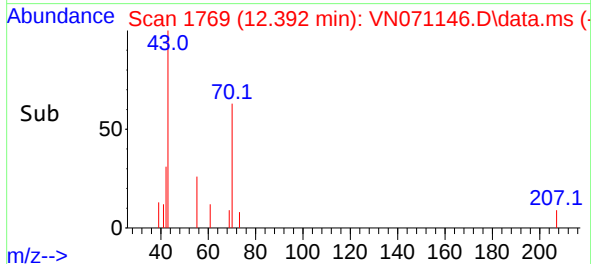
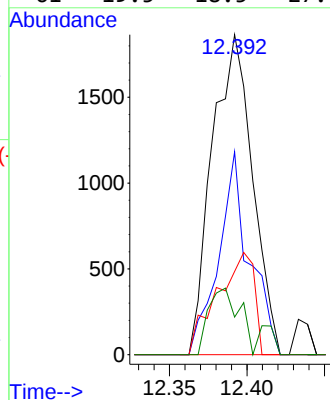
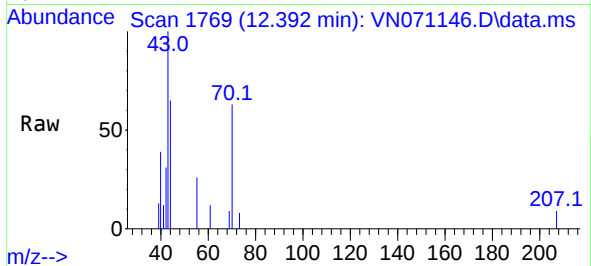




#74
N-amy1 acetate
Concen: 0.345 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

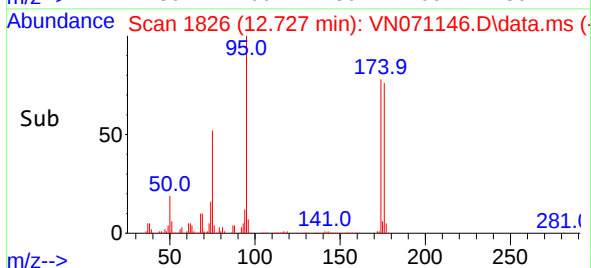
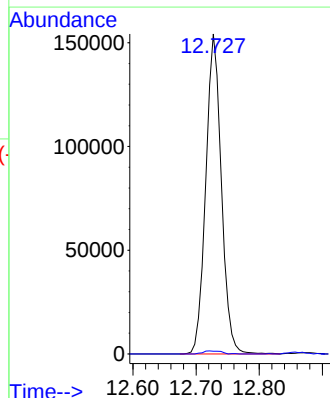
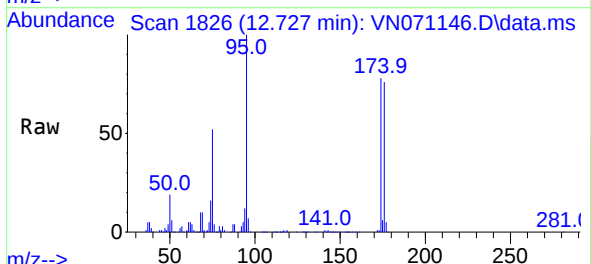
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

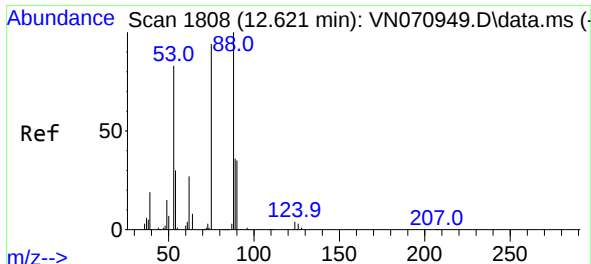
Tgt Ion: 43	Resp: 3380
Ion Ratio	Lower Upper
43 100	
70 48.4	33.4 50.0
55 29.4	19.3 28.9#
61 19.5	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 29.439 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 75	Resp: 264083
Ion Ratio	Lower Upper
75 100	
77 1.1	82.6 247.8#

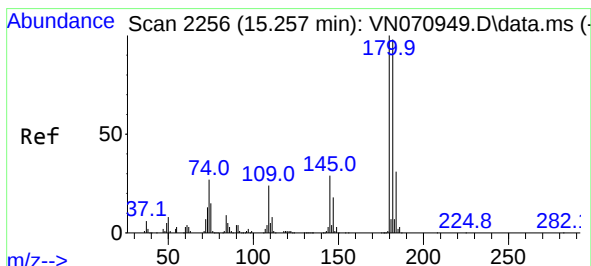
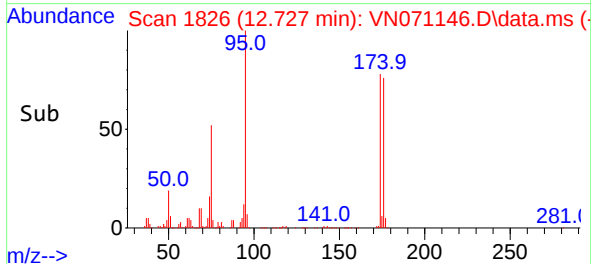
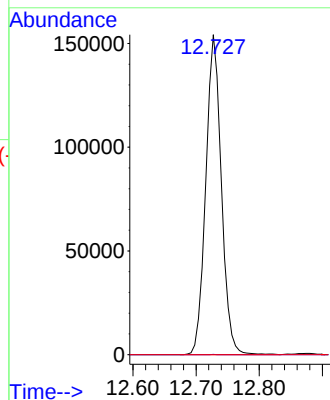
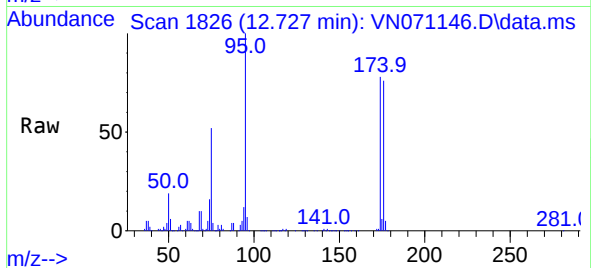




#81
trans-1,4-Dichloro-2-butene
Concen: 95.396 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

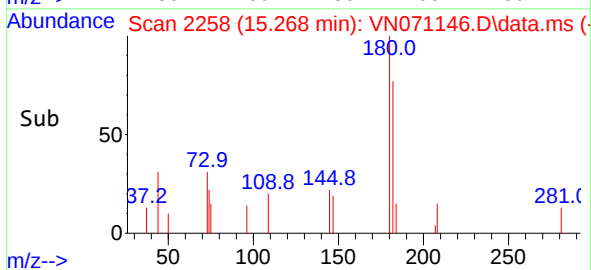
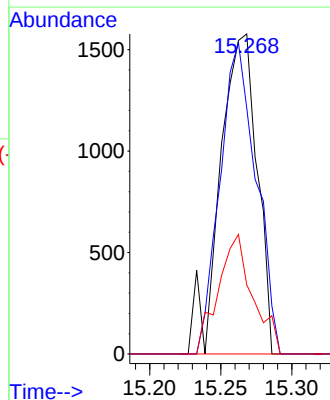
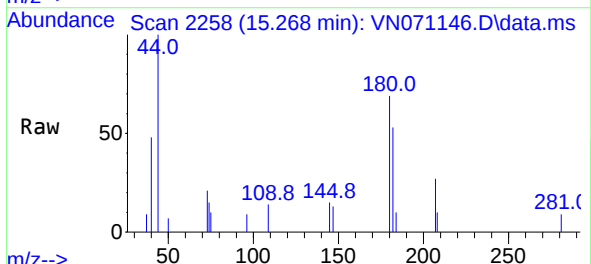
Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

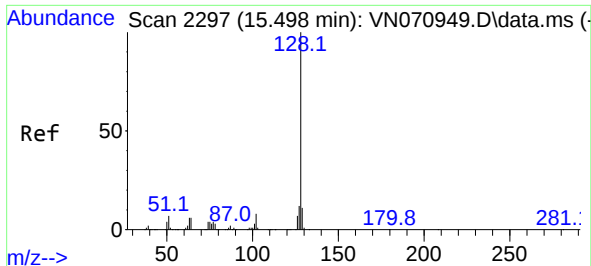
Tgt Ion: 75 Resp: 264083
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.389 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion: 180 Resp: 2853
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 35.1 14.5 43.5

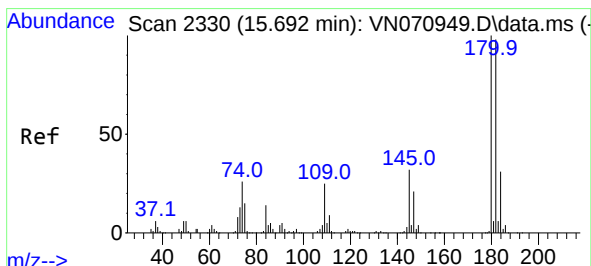
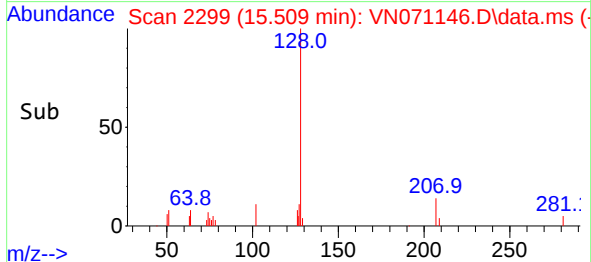
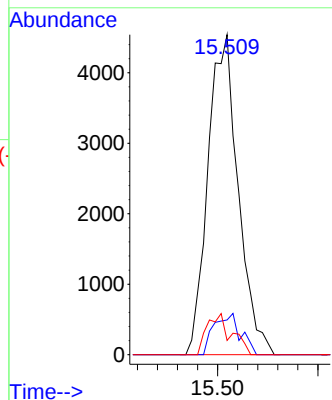
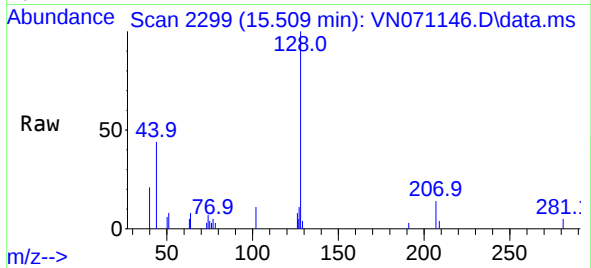




#95
Naphthalene
Concen: 5.492 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN0303WBL01

Tgt Ion:128 Resp: 9513
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.971 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071146.D
Acq: 03 Mar 2022 12:10

Tgt Ion:180 Resp: 3097
Ion Ratio Lower Upper
180 100
182 76.8 47.4 142.2
145 28.4 15.0 45.1

